

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052523\
 Data File : VX035856.D
 Acq On : 25 May 2023 16:21
 Operator : JC/MD
 Sample : VX0525WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/26/2023
 Supervised By : Mahesh Dadoda 05/26/2023

Quant Time: May 26 07:24:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	164089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	300936	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	263026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	147807	51.634	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.260%			
35) Dibromofluoromethane	5.385	113	99459	49.007	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.020%			
50) Toluene-d8	8.647	98	353245	47.115	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.240%			
62) 4-Bromofluorobenzene	11.079	95	158013	52.343	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	38006	17.772	ug/l	99
3) Chloromethane	1.294	50	39865	15.361	ug/l	98
4) Vinyl Chloride	1.374	62	38241	17.363	ug/l	95
5) Bromomethane	1.617	94	23944	20.074	ug/l	97
6) Chloroethane	1.691	64	27858	20.850	ug/l	97
7) Trichlorofluoromethane	1.886	101	62262	19.226	ug/l	96
8) Diethyl Ether	2.130	74	23678	18.990	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	36562	19.016	ug/l	97
10) Methyl Iodide	2.453	142	35596	20.700	ug/l	94
11) Tert butyl alcohol	3.001	59	46084m	91.249	ug/l	
12) 1,1-Dichloroethene	2.318	96	34140	18.683	ug/l	94
13) Acrolein	2.239	56	79253	132.217	ug/l	99
14) Allyl chloride	2.666	41	66193	16.908	ug/l	97
15) Acrylonitrile	3.062	53	119441	107.401	ug/l	99
16) Acetone	2.392	43	116749	94.892	ug/l	96
17) Carbon Disulfide	2.514	76	65766	14.912	ug/l	99
18) Methyl Acetate	2.703	43	98763	21.766	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	133927	18.418	ug/l	97
20) Methylene Chloride	2.788	84	42468	19.046	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	38030	18.993	ug/l	96
22) Diisopropyl ether	3.757	45	145750	19.015	ug/l	93
23) Vinyl Acetate	3.721	43	502382	92.632	ug/l	97
24) 1,1-Dichloroethane	3.605	63	77514	18.909	ug/l	98
25) 2-Butanone	4.562	43	176979	103.912	ug/l	98
26) 2,2-Dichloropropane	4.471	77	55092	15.870	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	44850	18.633	ug/l	99
28) Bromochloromethane	4.897	49	40811	22.133	ug/l	95
29) Tetrahydrofuran	5.007	42	111539	104.193	ug/l	98
30) Chloroform	5.086	83	78329	18.647	ug/l	100
31) Cyclohexane	5.470	56	63080	17.441	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	63708	17.431	ug/l	98
36) 1,1-Dichloropropene	5.690	75	55830	17.428	ug/l	98
37) Ethyl Acetate	4.714	43	61918	18.531	ug/l	98
38) Carbon Tetrachloride	5.672	117	51312	16.909	ug/l	96
39) Methylcyclohexane	7.379	83	68509	18.168	ug/l	92
40) Benzene	6.031	78	167732	18.716	ug/l	98

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Quant Time: May 26 07:24:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	37630	18.968	ug/l	98
42) 1,2-Dichloroethane	6.086	62	78322	20.316	ug/l	96
43) Isopropyl Acetate	6.336	43	115846	19.882	ug/l	98
44) Trichloroethene	7.122	130	43552	19.166	ug/l	99
45) 1,2-Dichloropropane	7.427	63	48669	20.505	ug/l	97
46) Dibromomethane	7.580	93	33175	20.419	ug/l	92
47) Bromodichloromethane	7.817	83	60182	19.165	ug/l	98
48) Methyl methacrylate	7.689	41	59129	20.563	ug/l	95
49) 1,4-Dioxane	7.714	88	23314	379.553	ug/l	90
51) 4-Methyl-2-Pentanone	8.573	43	337124	100.433	ug/l	98
52) Toluene	8.720	92	101959	18.023	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	53801	15.769	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	62921	17.213	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	42945	19.328	ug/l	96
56) Ethyl methacrylate	9.116	69	63245	17.577	ug/l	93
57) 1,3-Dichloropropane	9.305	76	75471	18.737	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	177751	97.108	ug/l	99
59) 2-Hexanone	9.427	43	260103	102.892	ug/l	98
60) Dibromochloromethane	9.518	129	36946	17.444	ug/l	98
61) 1,2-Dibromoethane	9.610	107	43574	18.614	ug/l	100
64) Tetrachloroethene	9.275	164	33729	19.047	ug/l	95
65) Chlorobenzene	10.079	112	108258	18.855	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	35949	17.707	ug/l	98
67) Ethyl Benzene	10.195	91	192292	17.808	ug/l	98
68) m/p-Xylenes	10.299	106	146354	36.667	ug/l	98
69) o-Xylene	10.640	106	73272	18.500	ug/l	97
70) Styrene	10.652	104	120541	18.883	ug/l	99
71) Bromoform	10.799	173	23127	17.314	ug/l #	98
73) Isopropylbenzene	10.963	105	209819	19.061	ug/l	98
74) N-amyl acetate	10.841	43	85443	16.648	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	72421	20.282	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	62619m	19.598	ug/l	
77) Bromobenzene	11.195	156	46808	18.735	ug/l	89
78) n-propylbenzene	11.305	91	250097	19.328	ug/l	98
79) 2-Chlorotoluene	11.360	91	156325	19.297	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	181384	19.388	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	15397	15.530	ug/l #	71
82) 4-Chlorotoluene	11.451	91	179045	19.191	ug/l	97
83) tert-Butylbenzene	11.713	119	167778	18.449	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	180109	19.173	ug/l	97
85) sec-Butylbenzene	11.890	105	216685	18.977	ug/l	98
86) p-Isopropyltoluene	12.006	119	181375	19.322	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	91983	19.381	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	92851	19.374	ug/l	98
89) n-Butylbenzene	12.329	91	159044	18.625	ug/l	98
90) Hexachloroethane	12.536	117	24937	17.527	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	90458	19.463	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	14340	18.035	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	53837	19.238	ug/l	97
94) Hexachlorobutadiene	13.725	225	21269	19.148	ug/l	100
95) Naphthalene	13.774	128	188303	19.649	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	52248	18.984	ug/l	98

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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

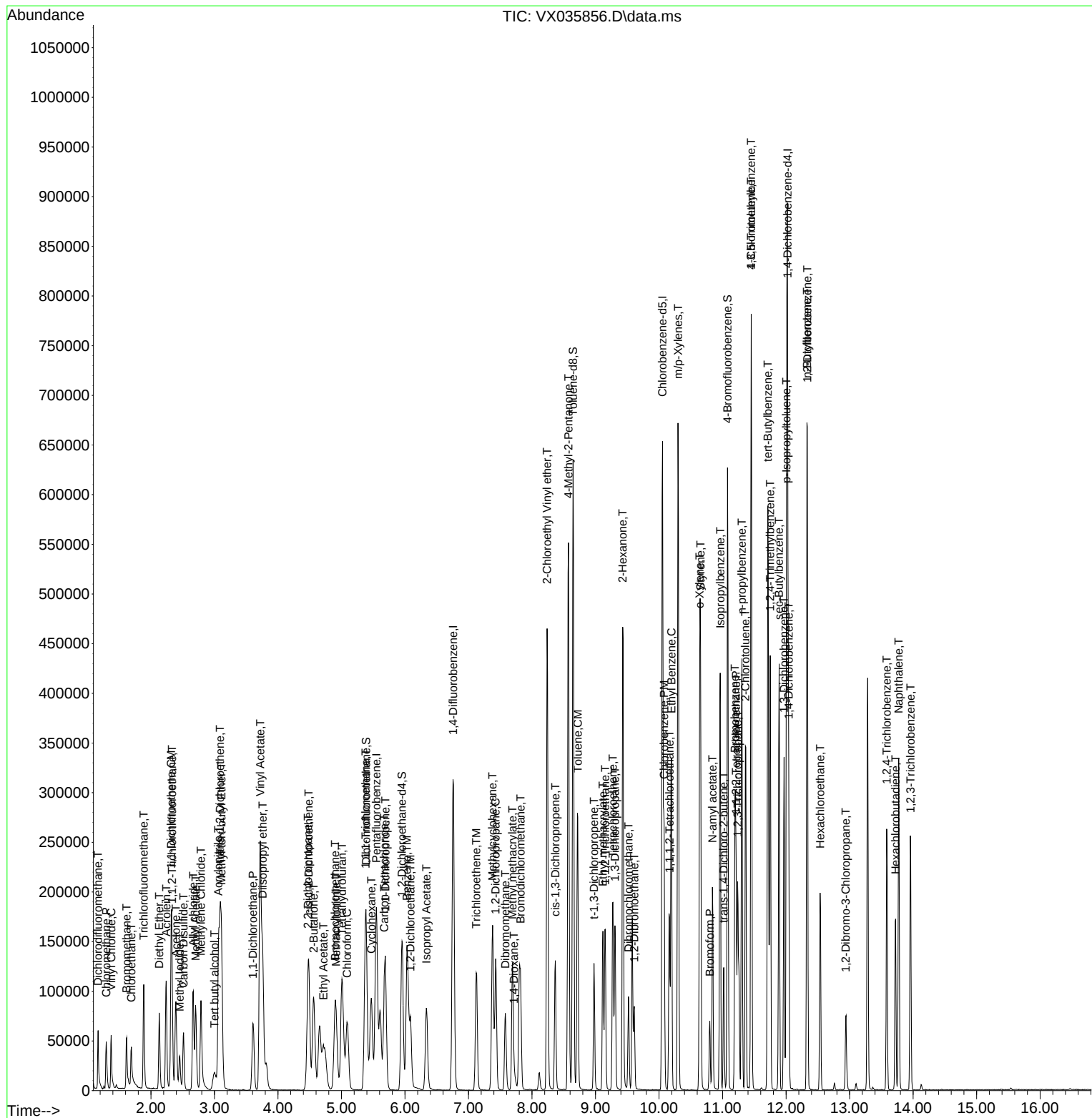
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Data File : VX035856.D
Acq On : 25 May 2023 16:21
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

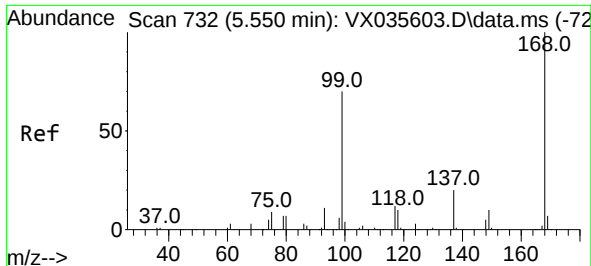
Instrument :
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Manual Integrations

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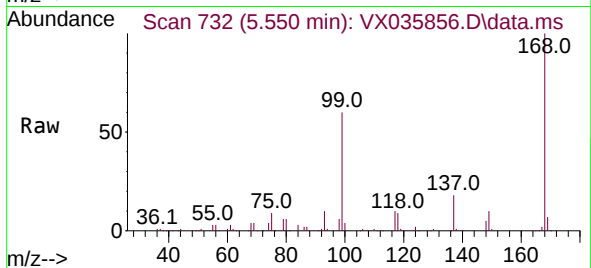
Quant Time: May 26 07:24:20 2023
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Quant Title : SW846 8260
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035856.D
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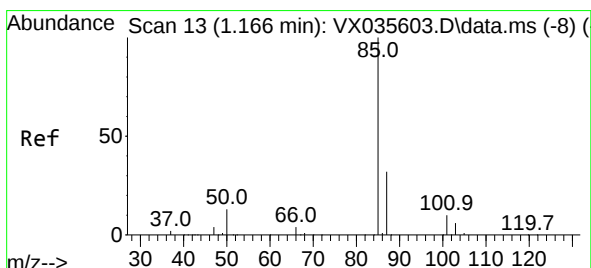
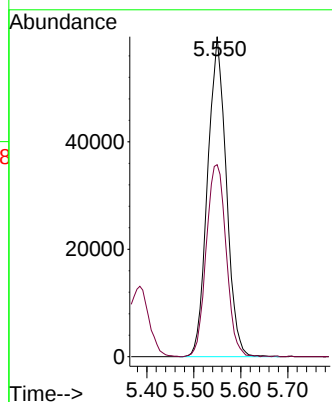
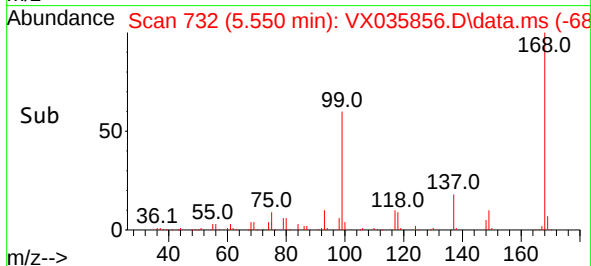
Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01



Tgt Ion:168 Resp: 164089
Ion Ratio Lower Upper
168 100
99 60.0 45.7 68.5

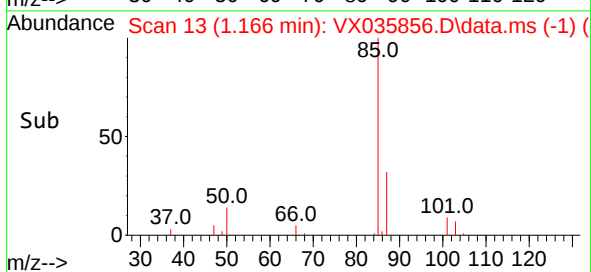
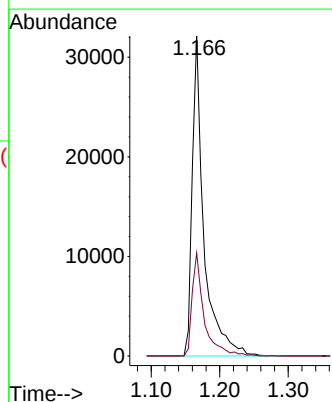
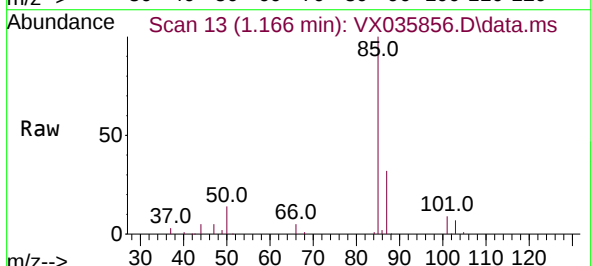
Manual Integrations
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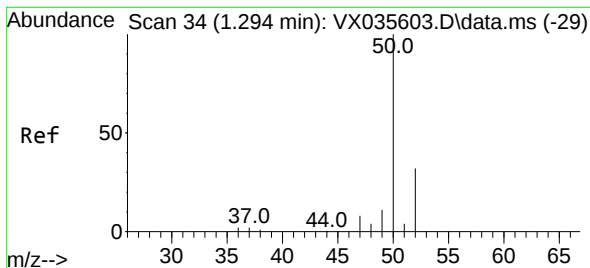
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#2
Dichlorodifluoromethane
Concen: 17.772 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

Tgt Ion: 85 Resp: 38006
Ion Ratio Lower Upper
85 100
87 32.2 16.4 49.1





#3

Chloromethane

Concen: 15.361 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX035856.D

Acq: 25 May 2023 16:21

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBSD01

Tgt Ion: 50 Resp: 3986

Ion Ratio Lower Upper

50 100

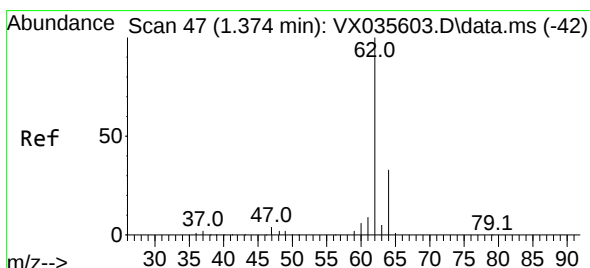
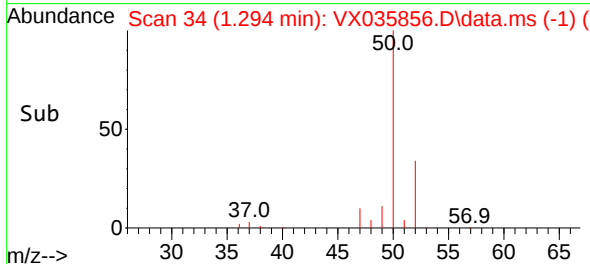
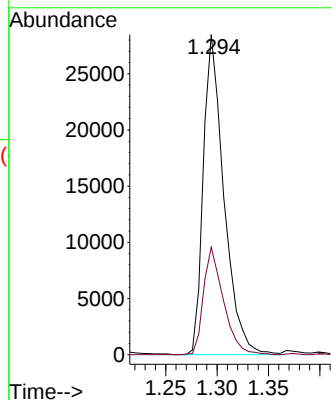
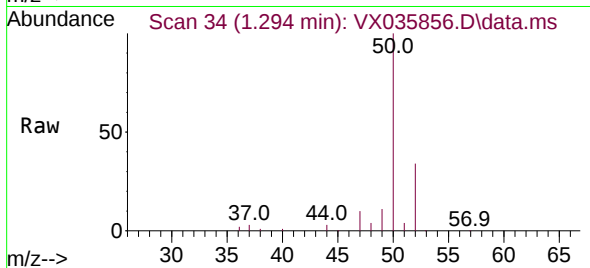
52 33.6 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#4

Vinyl Chloride

Concen: 17.363 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX035856.D

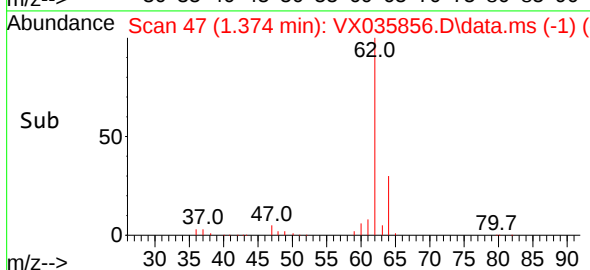
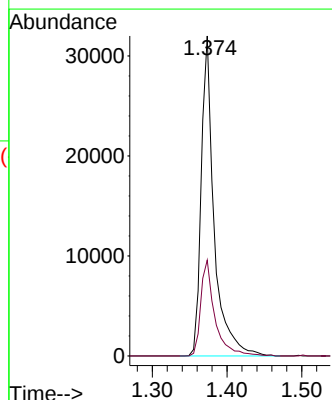
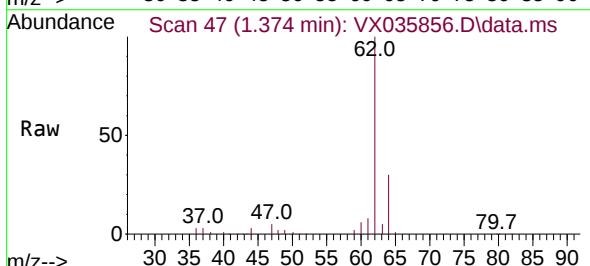
Acq: 25 May 2023 16:21

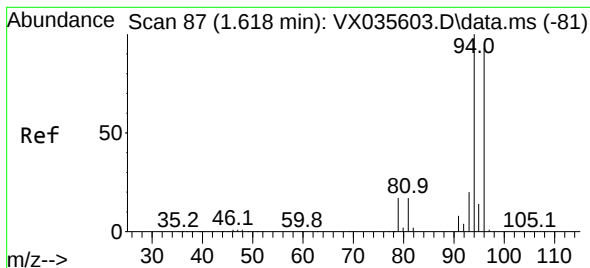
Tgt Ion: 62 Resp: 38241

Ion Ratio Lower Upper

62 100

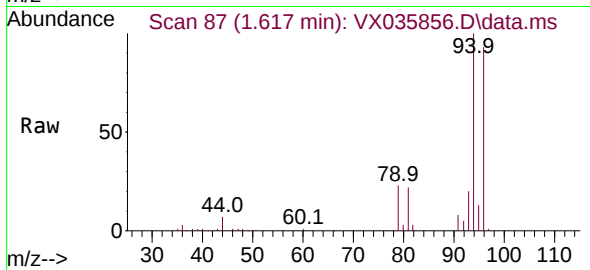
64 30.0 26.4 39.6





#5
Bromomethane
Concen: 20.074 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.001 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

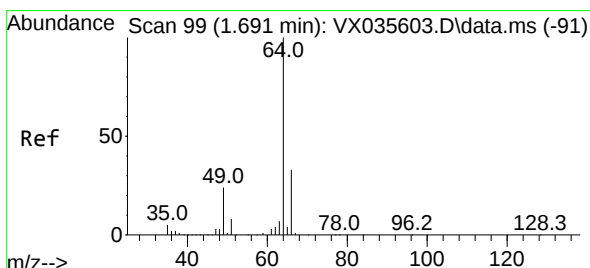
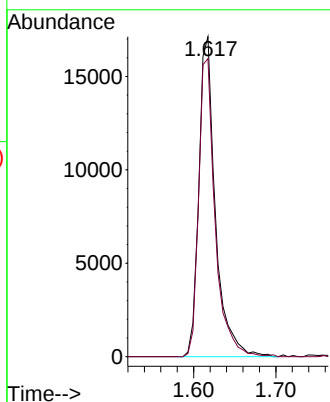
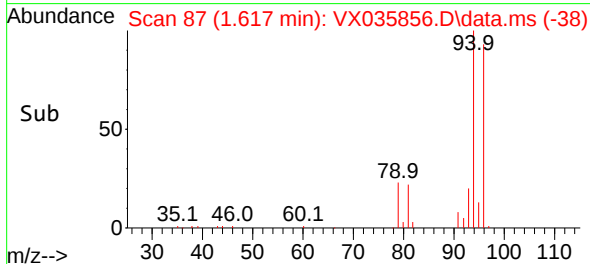
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Tgt Ion: 94 Resp: 23944
Ion Ratio Lower Upper
94 100
96 93.2 77.0 115.6

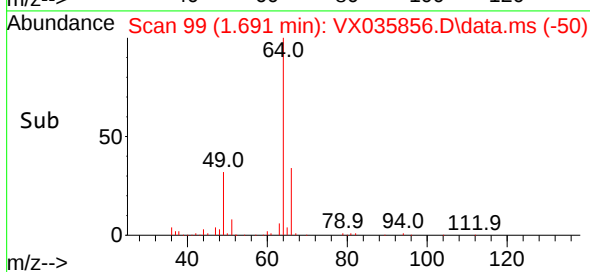
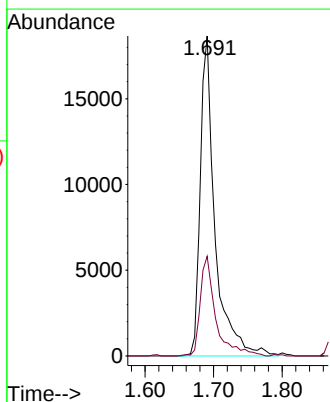
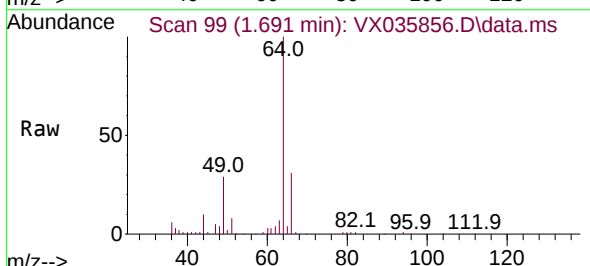
Manual Integrations
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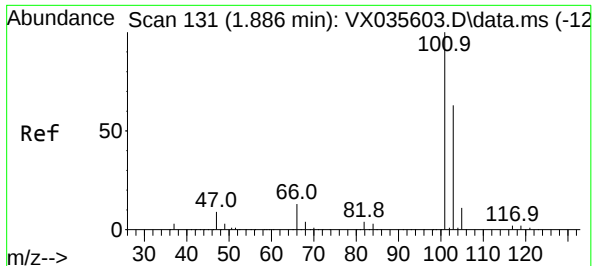
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#6
Chloroethane
Concen: 20.850 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

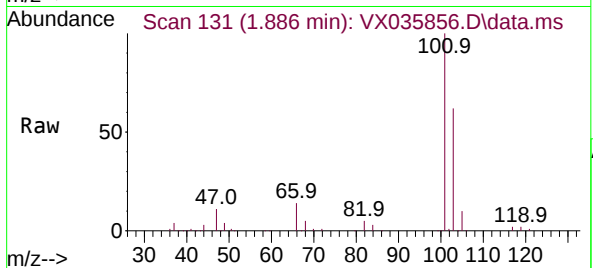
Tgt Ion: 64 Resp: 27858
Ion Ratio Lower Upper
64 100
66 31.2 26.2 39.4





#7
Trichlorofluoromethane
Concen: 19.226 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

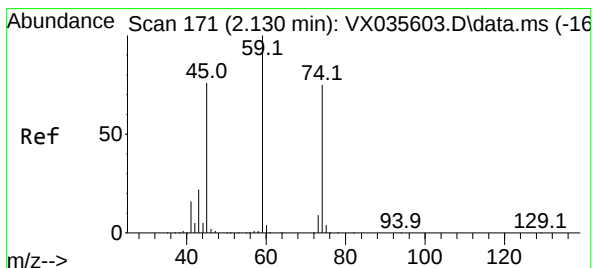
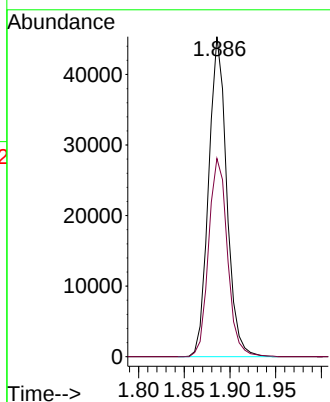
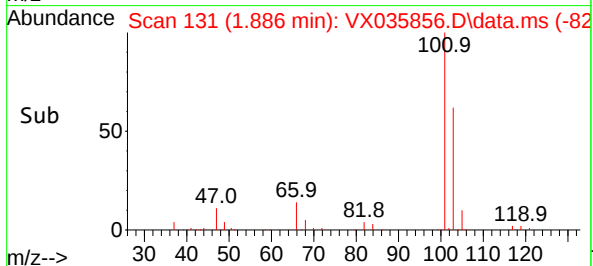
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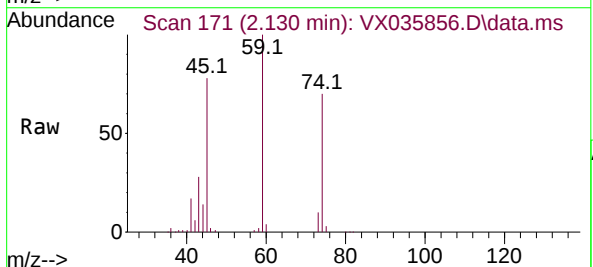
Tgt Ion:101 Resp: 6226
Ion Ratio Lower Upper
101 100
103 62.0 52.0 78.0

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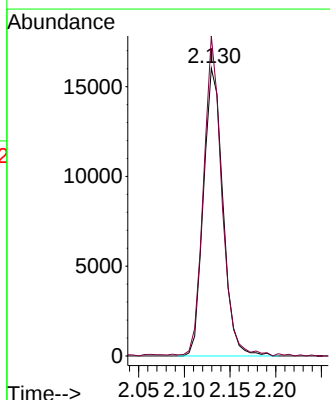
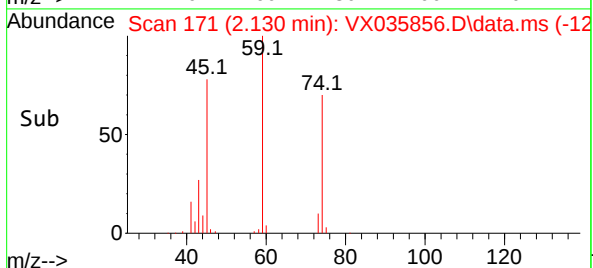
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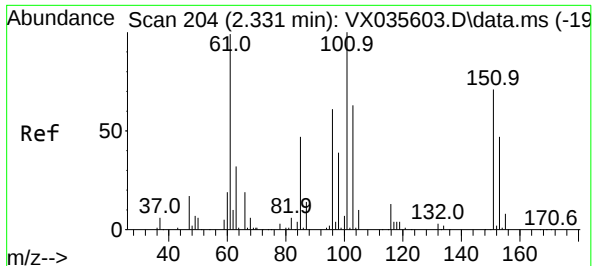


#8
Diethyl Ether
Concen: 18.990 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21



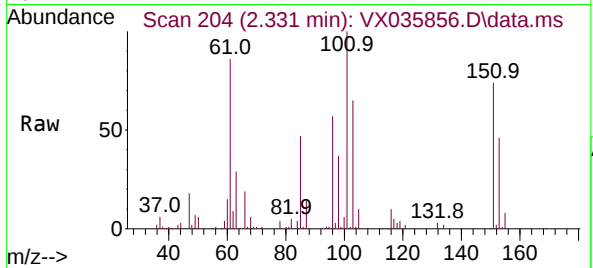
Tgt Ion: 74 Resp: 23678
Ion Ratio Lower Upper
74 100
45 104.6 49.8 149.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.016 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

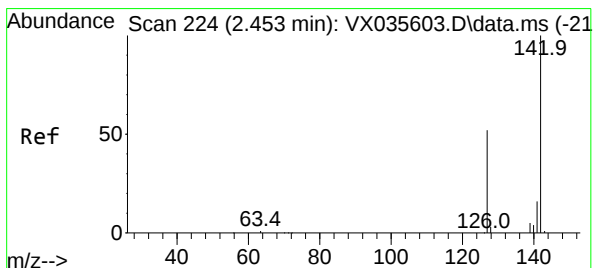
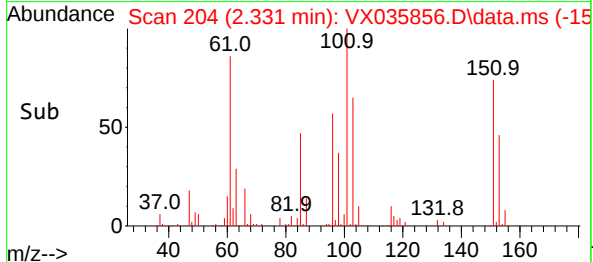
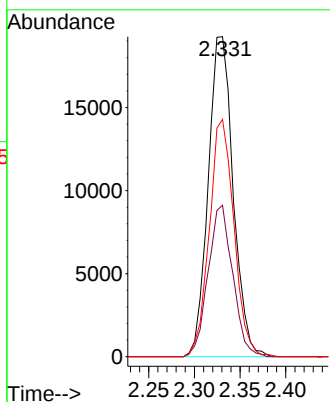
Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01



Tgt Ion:101 Resp: 36562
Ion Ratio Lower Upper
101 100
85 46.6 35.4 53.2
151 73.2 60.2 90.4

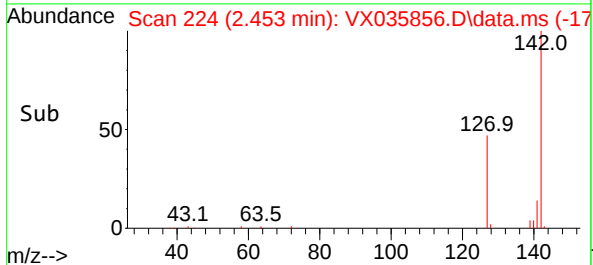
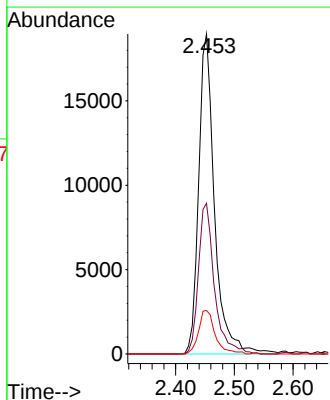
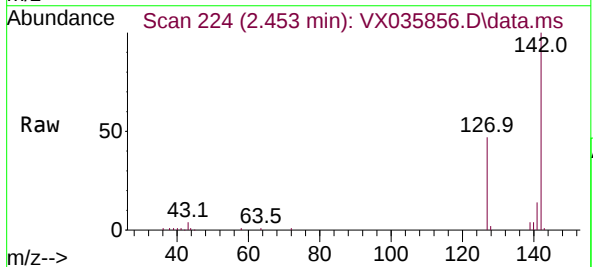
Manual Integrations
APPROVED

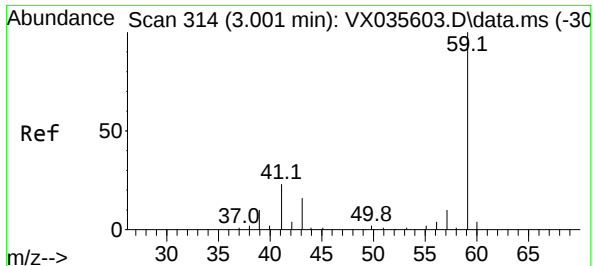
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#10
Methyl Iodide
Concen: 20.700 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

Tgt Ion:142 Resp: 35596
Ion Ratio Lower Upper
142 100
127 47.4 34.0 51.0
141 14.3 11.1 16.7





#11

Tert butyl alcohol

Concen: 91.249 ug/l m

RT: 3.001 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX035856.D

Acq: 25 May 2023 16:21

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBSD01

Tgt Ion: 59 Resp: 46084

Ion Ratio Lower Upper

59 100

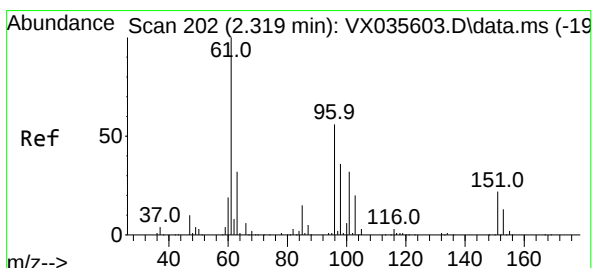
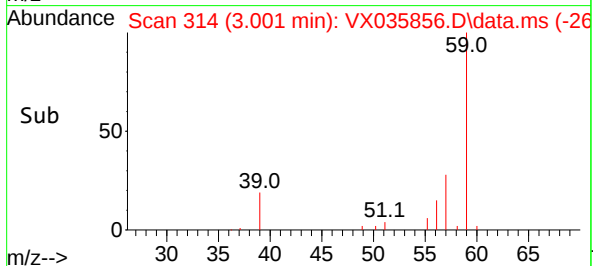
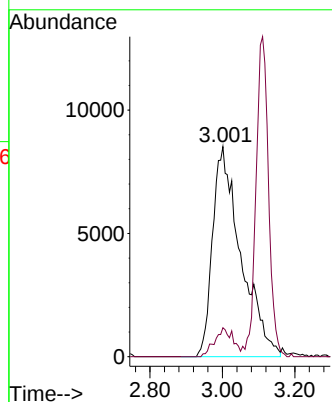
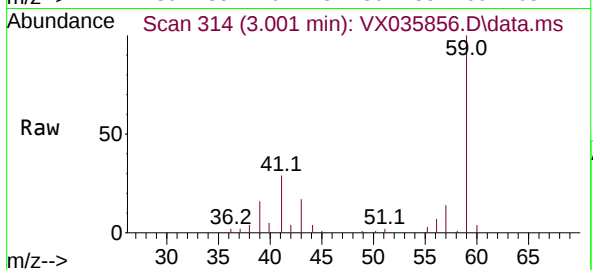
57 8.9 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#12

1,1-Dichloroethene

Concen: 18.683 ug/l

RT: 2.318 min Scan# 202

Delta R.T. -0.001 min

Lab File: VX035856.D

Acq: 25 May 2023 16:21

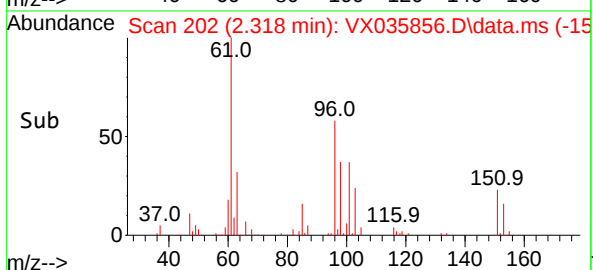
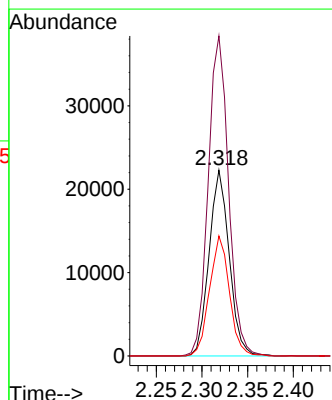
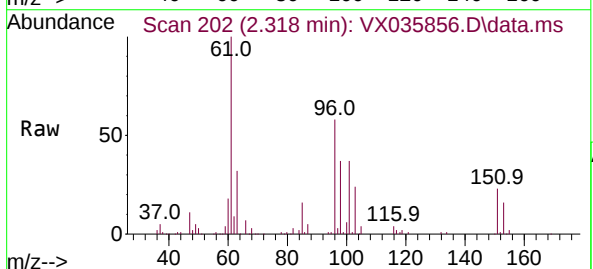
Tgt Ion: 96 Resp: 34140

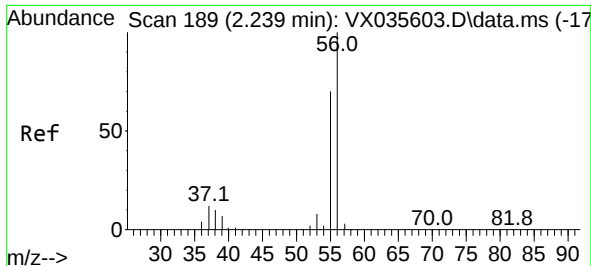
Ion Ratio Lower Upper

96 100

61 172.3 128.8 193.2

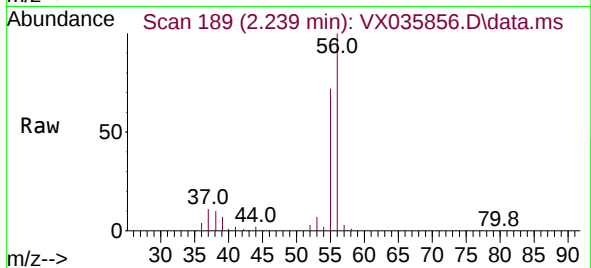
98 64.6 51.4 77.0





#13
Acrolein
Concen: 132.217 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

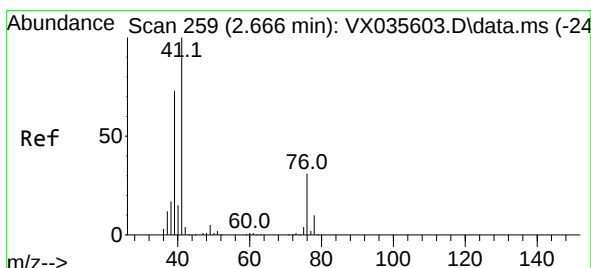
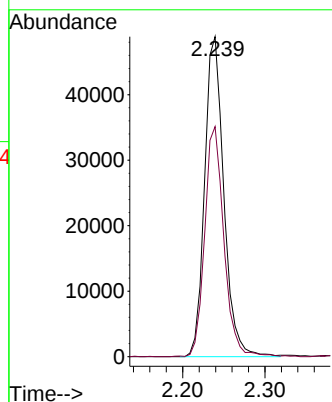
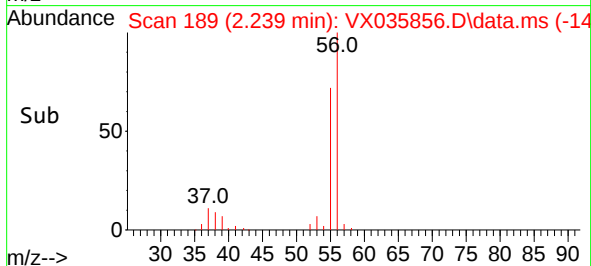
Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01



Tgt Ion: 56 Resp: 7925
Ion Ratio Lower Upper
56 100
55 72.0 56.6 85.0

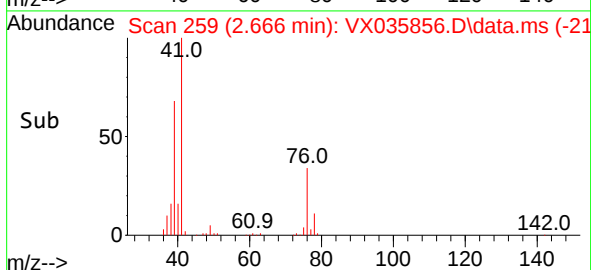
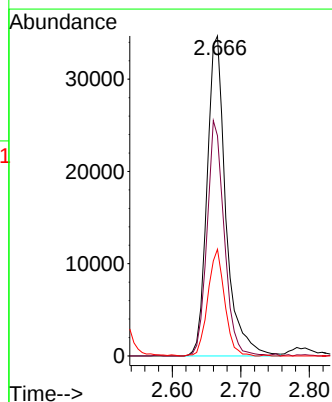
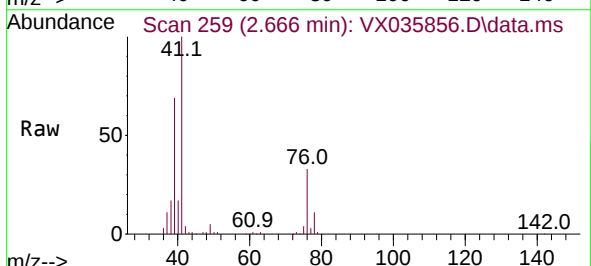
Manual Integrations
APPROVED

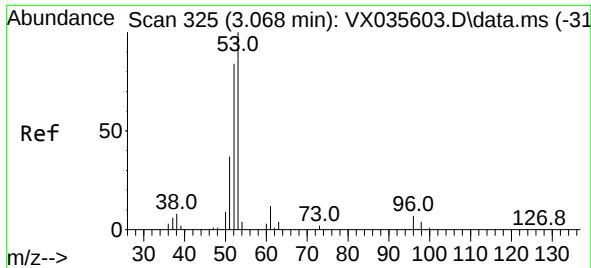
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#14
Allyl chloride
Concen: 16.908 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

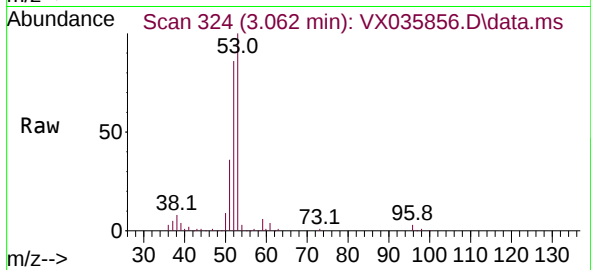
Tgt Ion: 41 Resp: 66193
Ion Ratio Lower Upper
41 100
39 67.3 52.4 78.6
76 29.9 26.0 39.0





#15
Acrylonitrile
Concen: 107.401 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

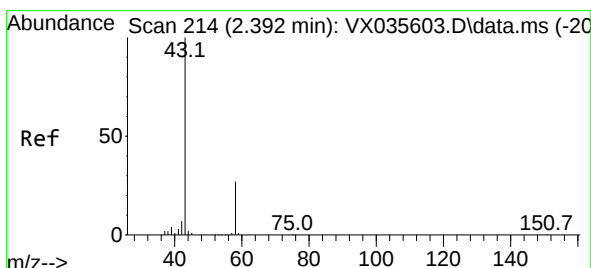
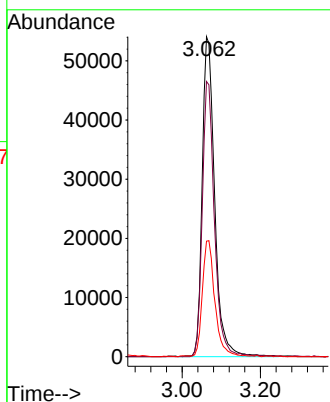
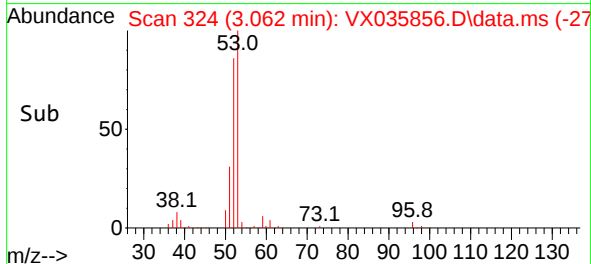
Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01



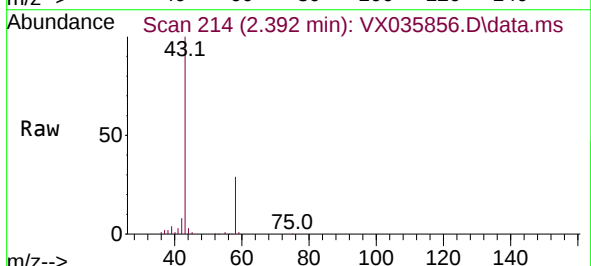
Tgt Ion: 53 Resp: 11944
Ion Ratio Lower Upper
53 100
52 83.6 66.2 99.2
51 35.9 28.3 42.5

Manual Integrations
APPROVED

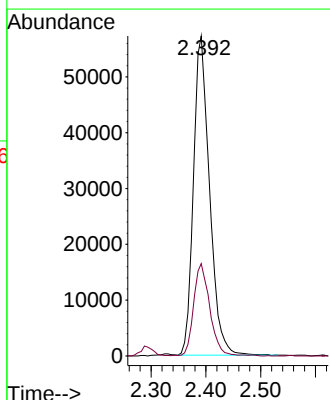
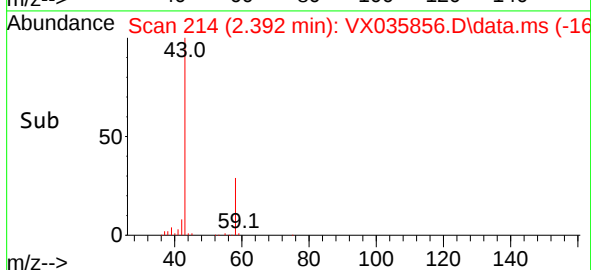
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023

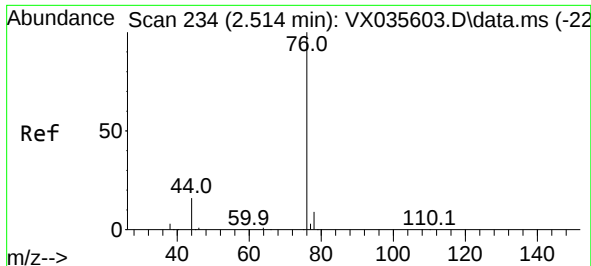


#16
Acetone
Concen: 94.892 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21



Tgt Ion: 43 Resp: 116749
Ion Ratio Lower Upper
43 100
58 28.9 24.7 37.1





#17

Carbon Disulfide

Concen: 14.912 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX035856.D

Acq: 25 May 2023 16:21

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBSD01

Tgt Ion: 76 Resp: 65760

Ion Ratio Lower Upper

76 100

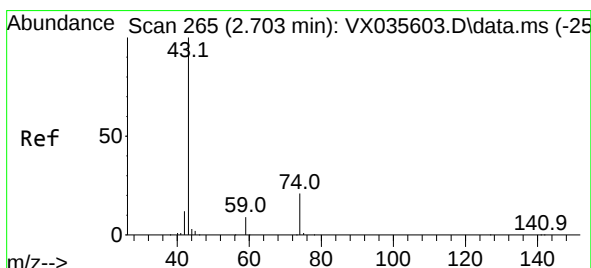
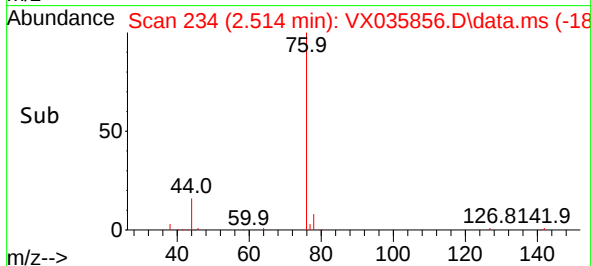
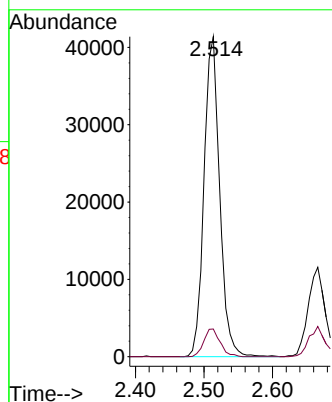
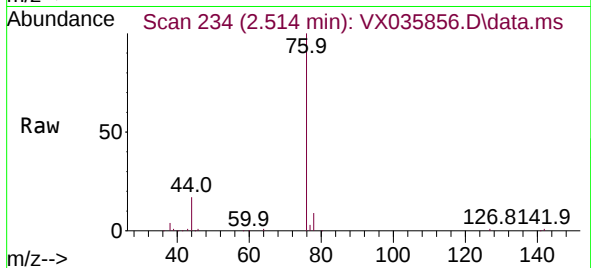
78 8.7 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#18

Methyl Acetate

Concen: 21.766 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX035856.D

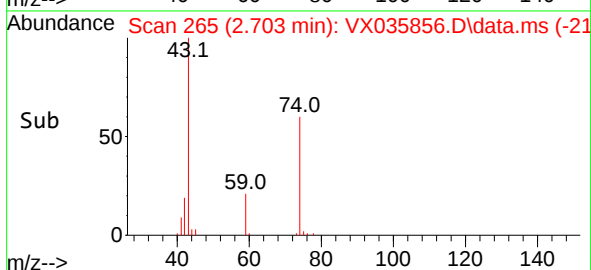
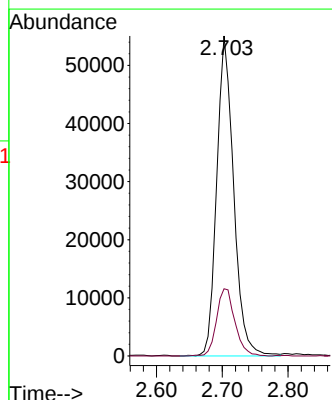
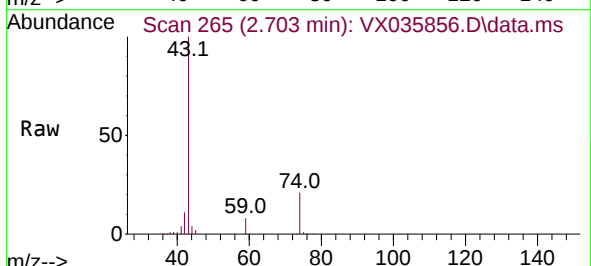
Acq: 25 May 2023 16:21

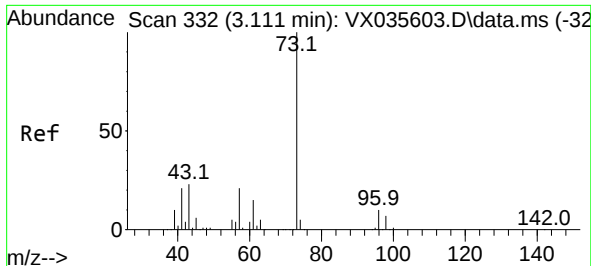
Tgt Ion: 43 Resp: 98763

Ion Ratio Lower Upper

43 100

74 22.7 18.3 27.5





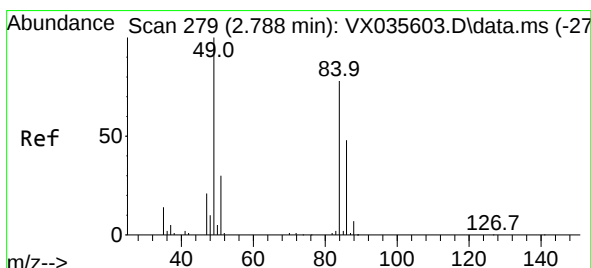
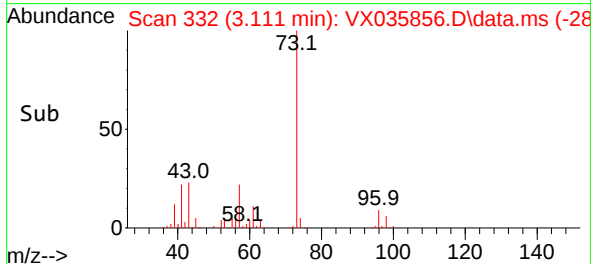
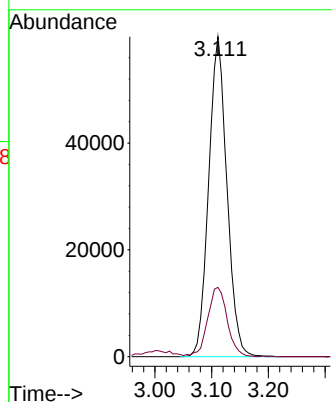
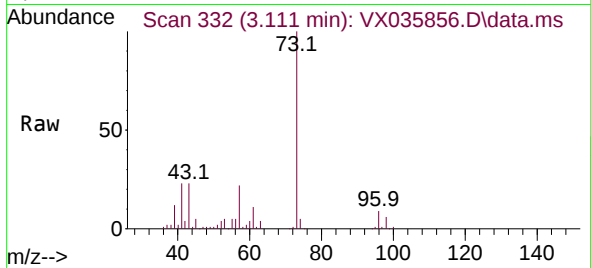
#19
Methyl tert-butyl Ether
Concen: 18.418 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01

Tgt Ion: 73 Resp: 13392
Ion Ratio Lower Upper
73 100
57 21.7 18.5 27.7

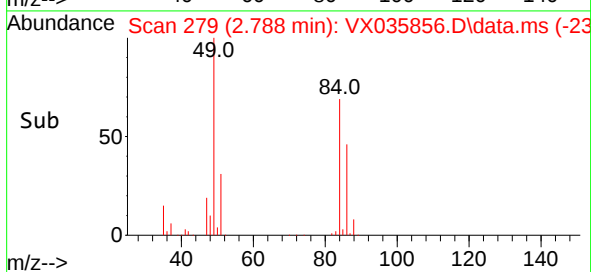
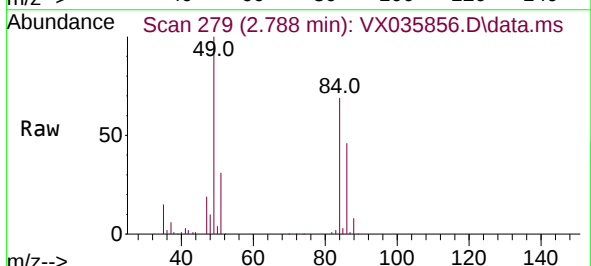
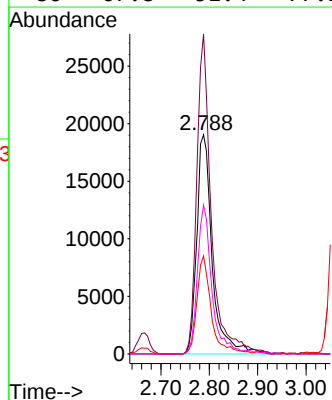
Manual Integrations
APPROVED

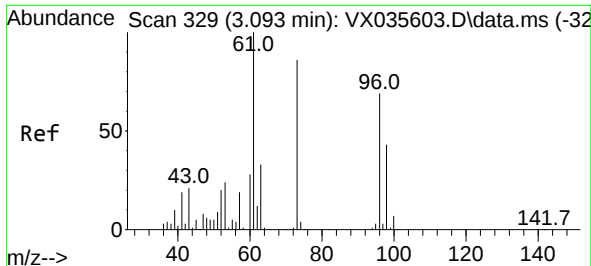
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#20
Methylene Chloride
Concen: 19.046 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

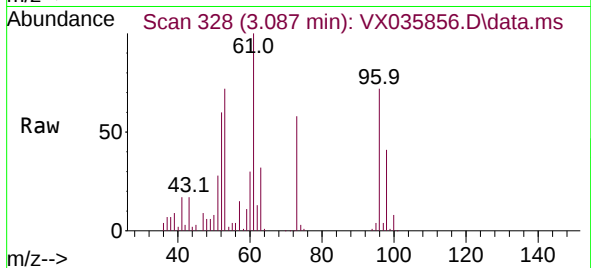
Tgt Ion: 84 Resp: 42468
Ion Ratio Lower Upper
84 100
49 146.0 103.8 155.8
51 44.8 31.8 47.8
86 67.8 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 18.993 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

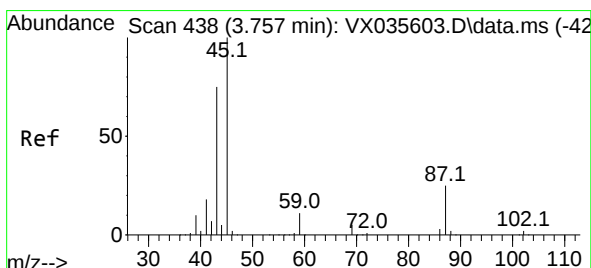
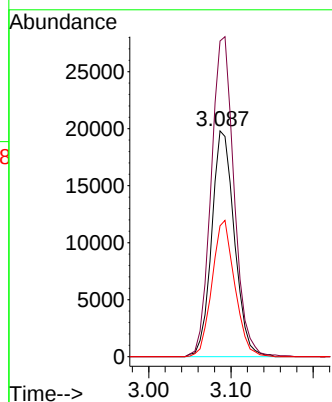
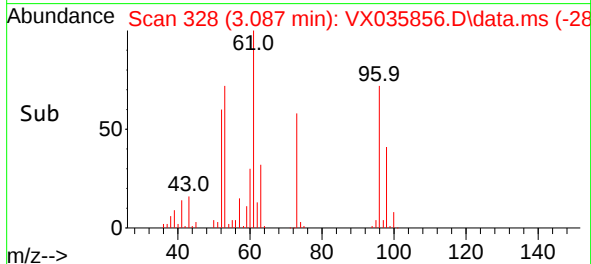
Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01



Tgt Ion: 96 Resp: 38030
Ion Ratio Lower Upper
96 100
61 139.8 113.0 169.6
98 58.0 52.1 78.1

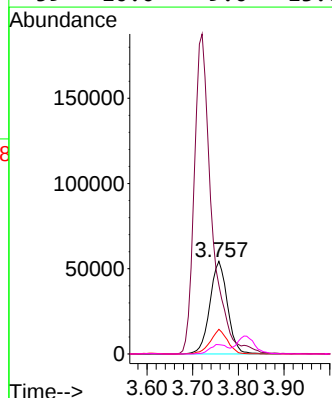
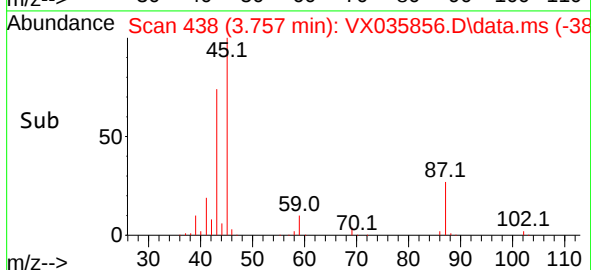
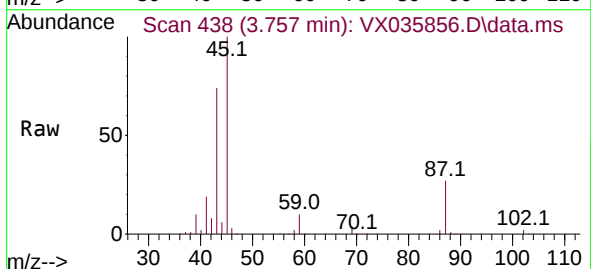
Manual Integrations
APPROVED

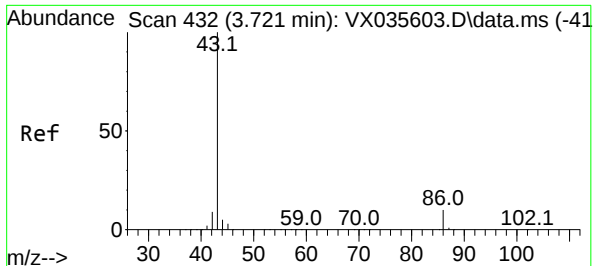
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#22
Diisopropyl ether
Concen: 19.015 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

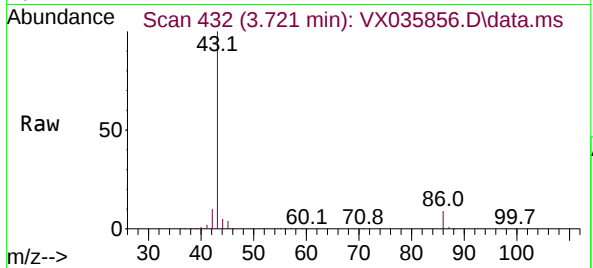
Tgt Ion: 45 Resp: 145750
Ion Ratio Lower Upper
45 100
43 73.5 65.4 98.2
87 26.5 20.6 31.0
59 10.0 9.0 13.6





#23
 Vinyl Acetate
 Concen: 92.632 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX035856.D
 Acq: 25 May 2023 16:21

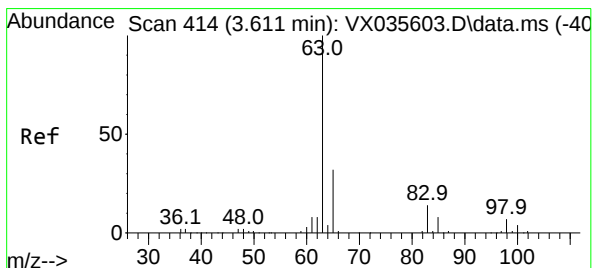
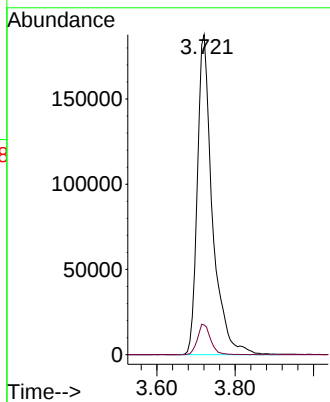
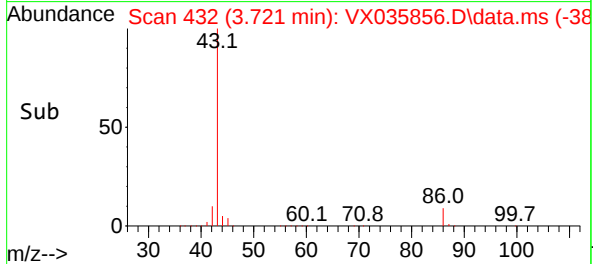
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBSD01



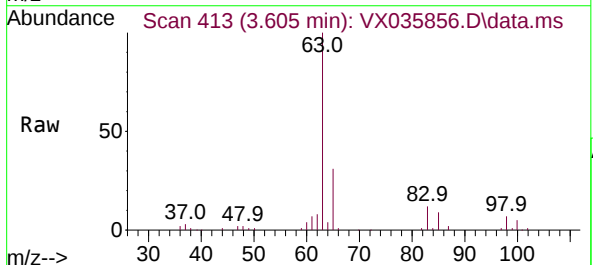
Tgt Ion: 43 Resp: 50238
 Ion Ratio Lower Upper
 43 100
 86 9.3 8.5 12.7

Manual Integrations
 APPROVED

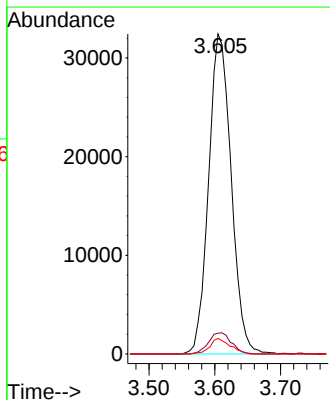
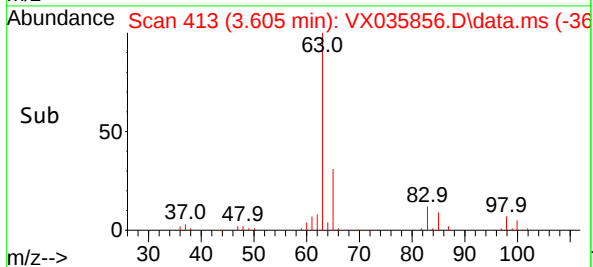
Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

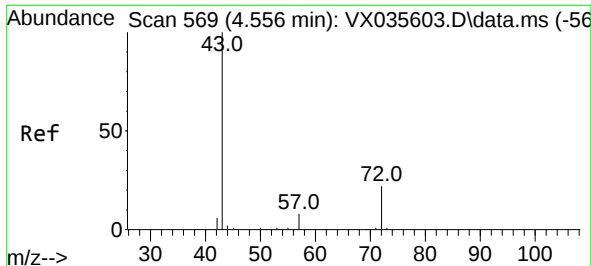


#24
 1,1-Dichloroethane
 Concen: 18.909 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX035856.D
 Acq: 25 May 2023 16:21



Tgt Ion: 63 Resp: 77514
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.8 11.2
 100 4.9 2.4 7.1





#25

2-Butanone

Concen: 103.912 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX035856.D

Acq: 25 May 2023 16:21

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBSD01

Tgt Ion: 43 Resp: 176979

Ion Ratio Lower Upper

43 100

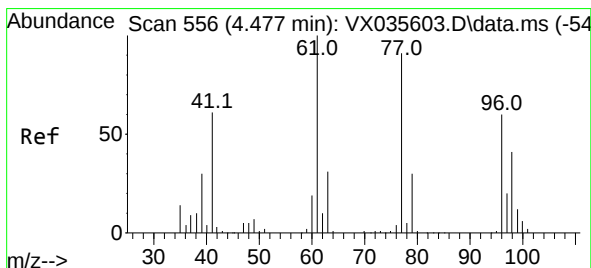
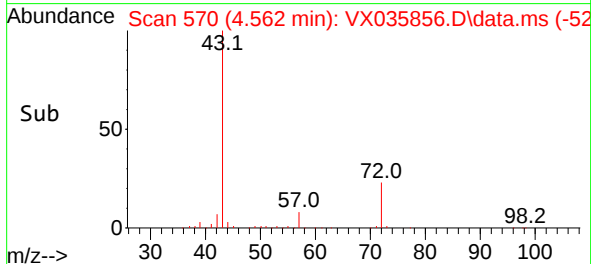
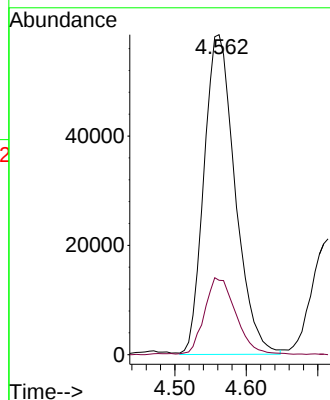
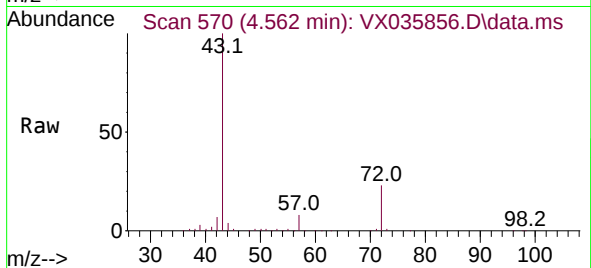
72 23.1 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#26

2,2-Dichloropropane

Concen: 15.870 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX035856.D

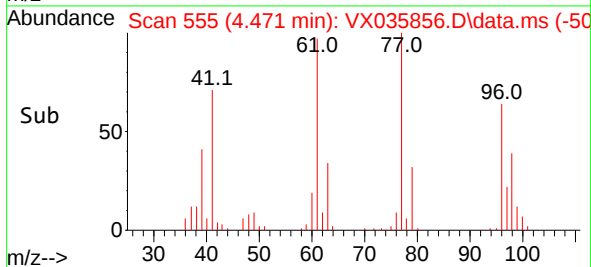
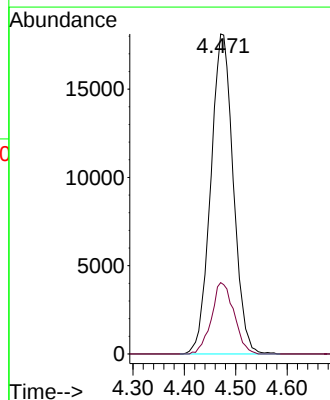
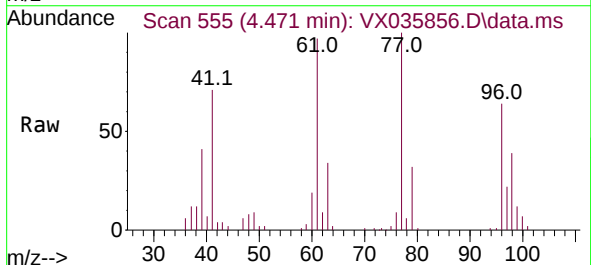
Acq: 25 May 2023 16:21

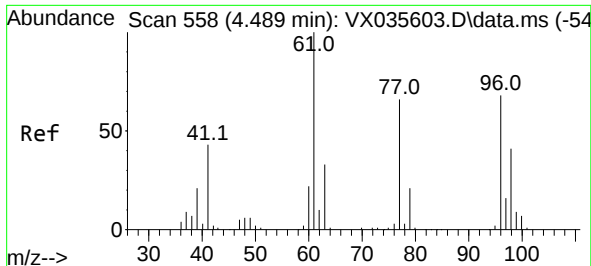
Tgt Ion: 77 Resp: 55092

Ion Ratio Lower Upper

77 100

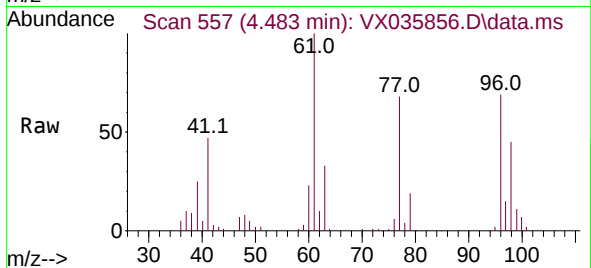
97 22.4 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 18.633 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX035856.D
 Acq: 25 May 2023 16:21

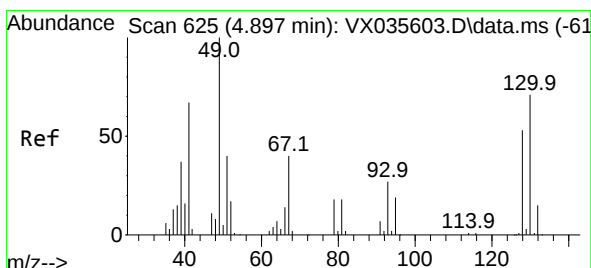
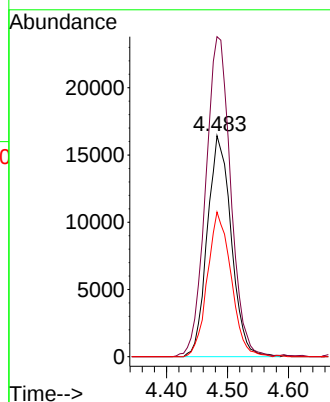
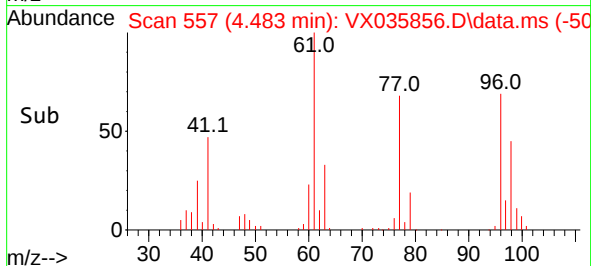
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBSD01



Tgt Ion: 96 Resp: 44850
 Ion Ratio Lower Upper
 96 100
 61 151.3 0.0 300.4
 98 64.9 0.0 129.0

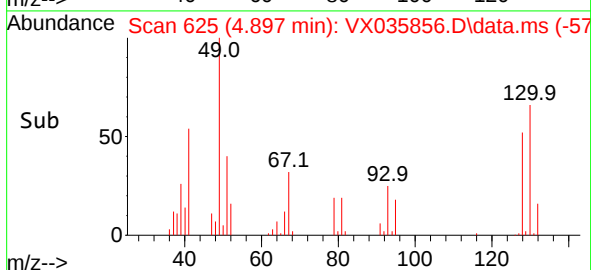
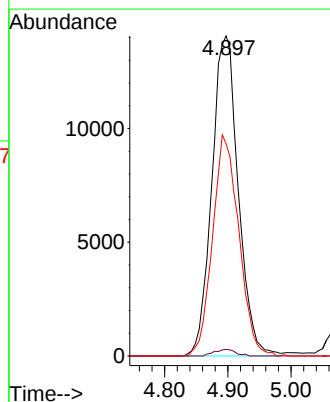
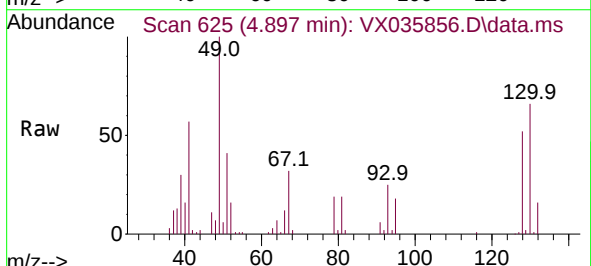
Manual Integrations
 APPROVED

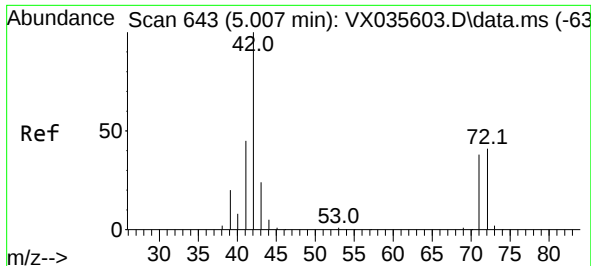
Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023



#28
 Bromochloromethane
 Concen: 22.133 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX035856.D
 Acq: 25 May 2023 16:21

Tgt Ion: 49 Resp: 40811
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.0
 130 68.6 58.2 87.2





#29

Tetrahydrofuran

Concen: 104.193 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX035856.D

Acq: 25 May 2023 16:21

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBSD01

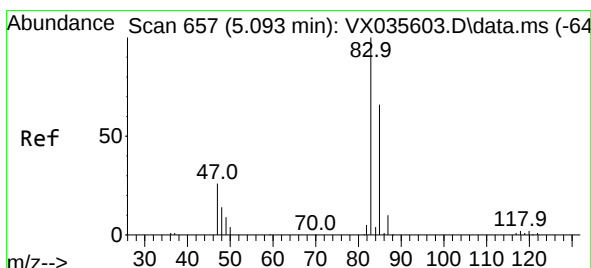
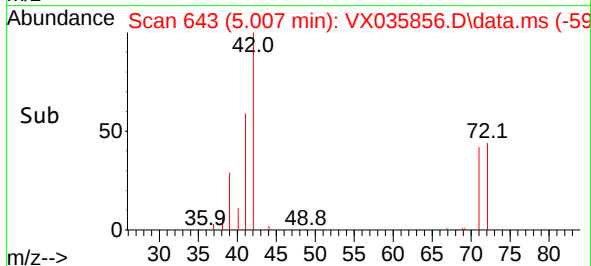
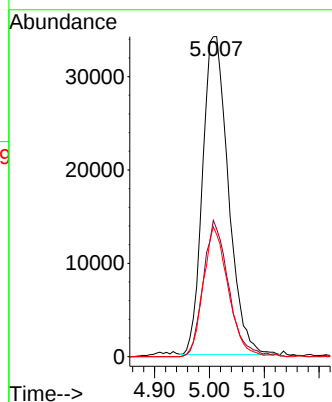
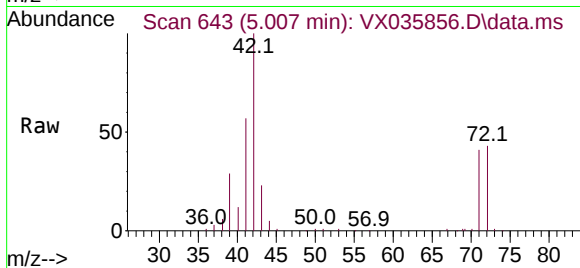
Tgt Ion: 42 Resp: 111539
 Ion Ratio Lower Upper
 42 100
 72 41.9 34.5 51.7
 71 39.3 32.1 48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#30

Chloroform

Concen: 18.647 ug/l

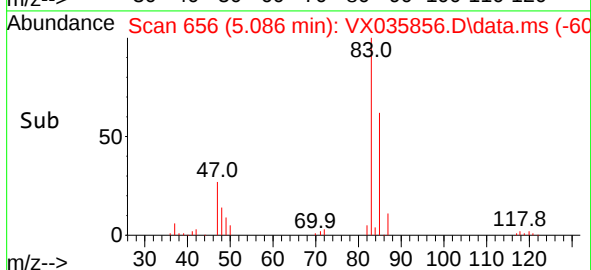
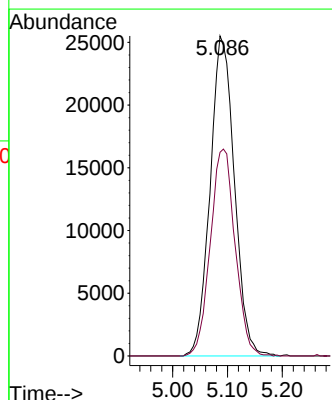
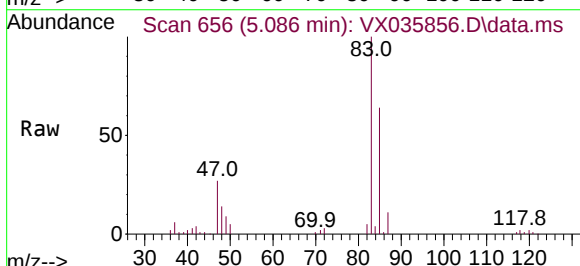
RT: 5.086 min Scan# 656

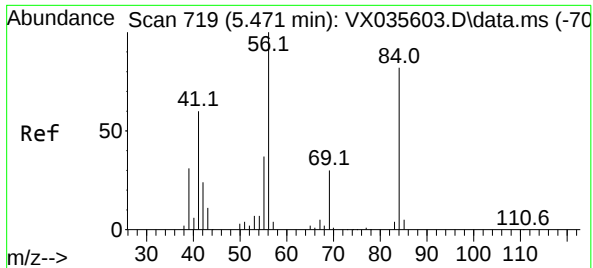
Delta R.T. -0.007 min

Lab File: VX035856.D

Acq: 25 May 2023 16:21

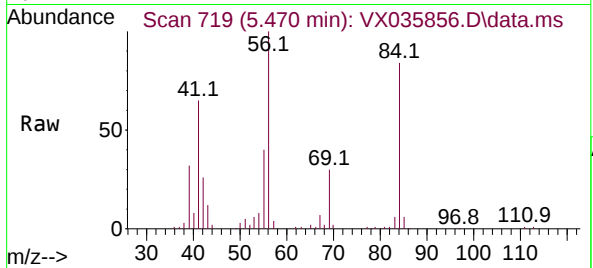
Tgt Ion: 83 Resp: 78329
 Ion Ratio Lower Upper
 83 100
 85 63.7 50.6 76.0





#31
Cyclohexane
Concen: 17.441 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.001 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

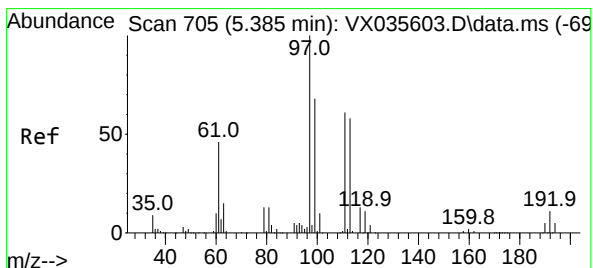
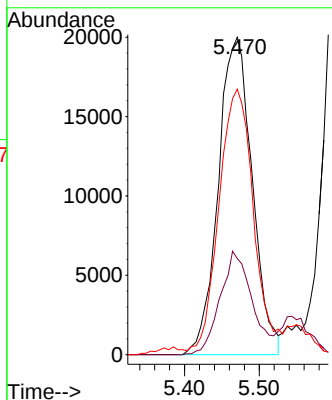
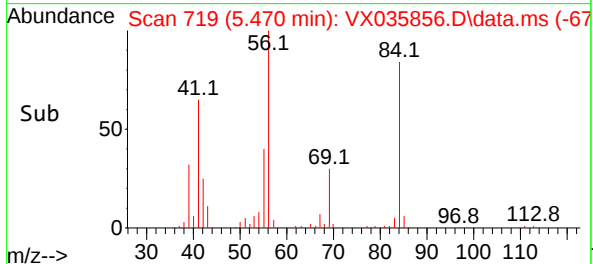
Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01



Tgt Ion: 56 Resp: 63080
Ion Ratio Lower Upper
56 100
69 30.3 23.7 35.5
84 82.1 68.5 102.7

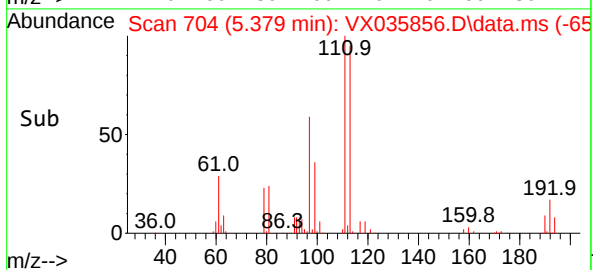
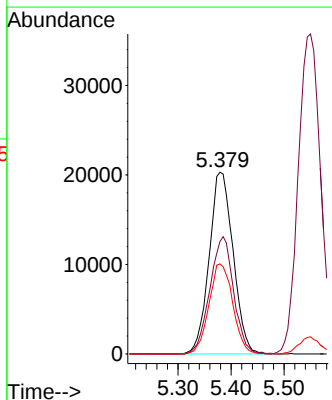
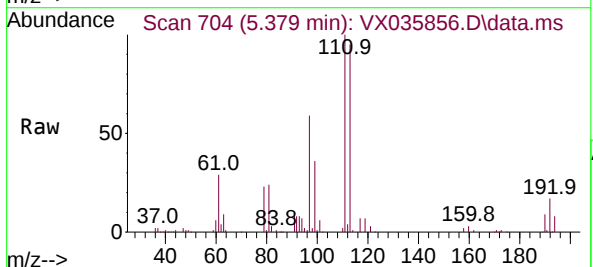
Manual Integrations
APPROVED

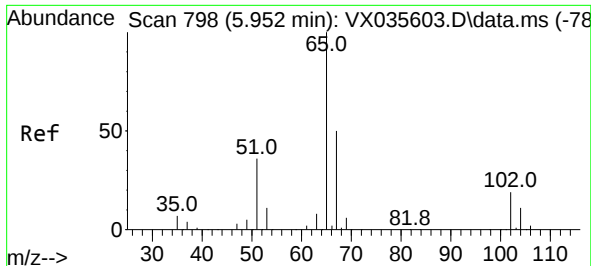
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#32
1,1,1-Trichloroethane
Concen: 17.431 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

Tgt Ion: 97 Resp: 63708
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 49.3 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 51.634 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX035856.D

Acq: 25 May 2023 16:21

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBSD01

Tgt Ion: 65 Resp: 14780

Ion Ratio Lower Upper

65 100

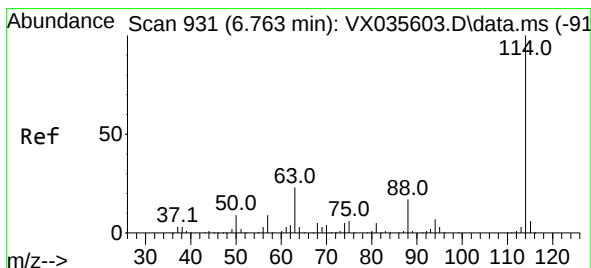
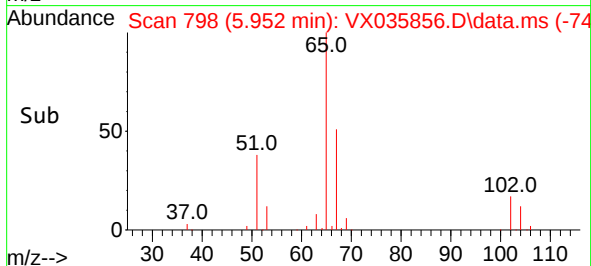
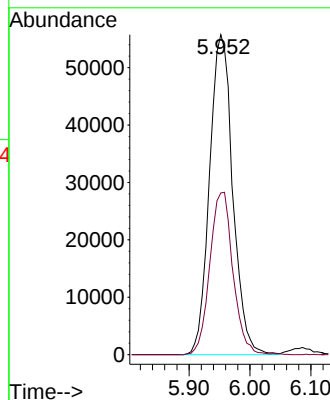
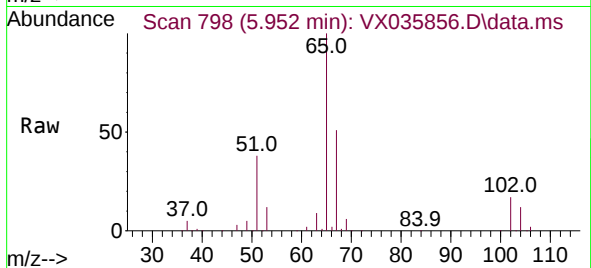
67 50.6 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035856.D

Acq: 25 May 2023 16:21

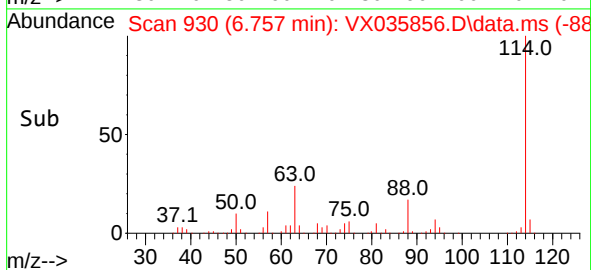
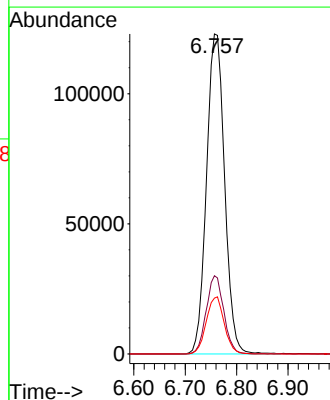
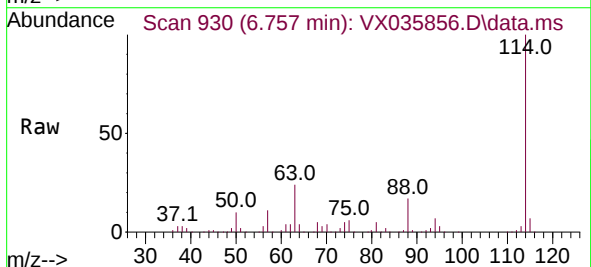
Tgt Ion:114 Resp: 300936

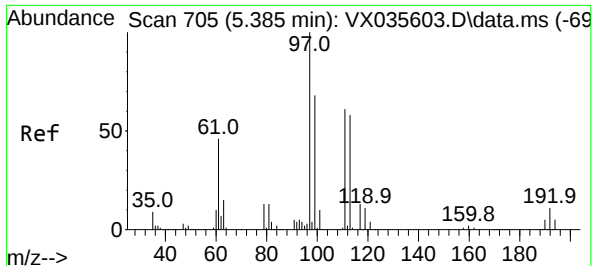
Ion Ratio Lower Upper

114 100

63 24.4 0.0 42.2

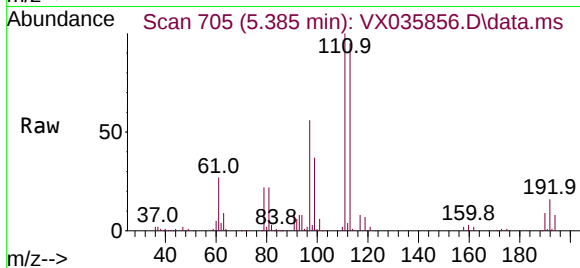
88 17.4 0.0 33.2





#35
Dibromofluoromethane
Concen: 49.007 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

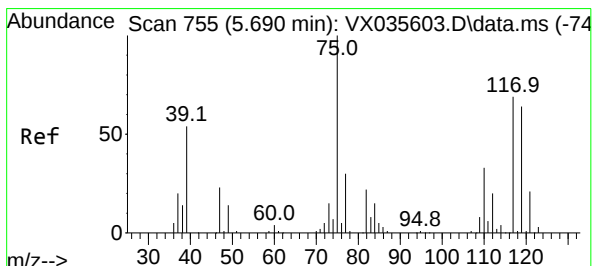
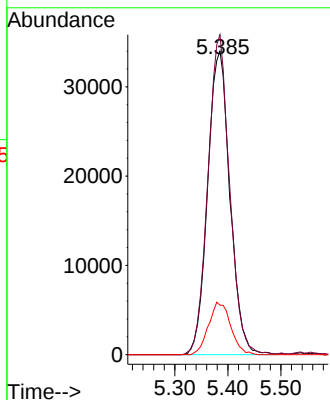
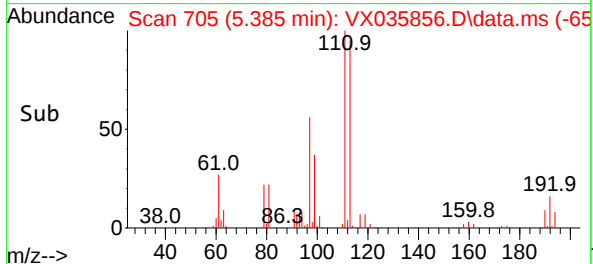
Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01



Tgt Ion: 113 Resp: 99459
Ion Ratio Lower Upper
113 100
111 102.6 83.7 125.5
192 17.2 15.4 23.2

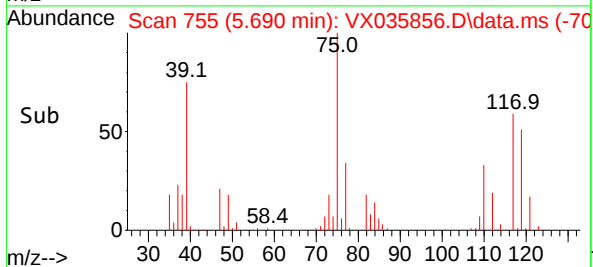
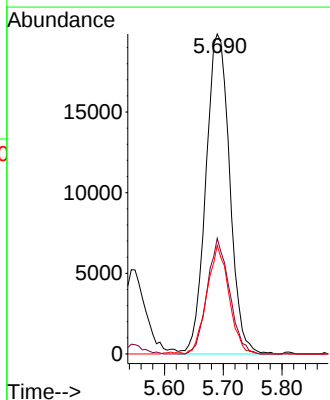
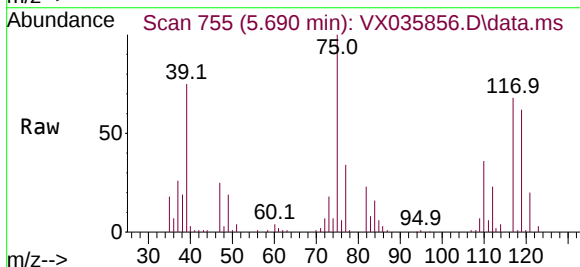
Manual Integrations
APPROVED

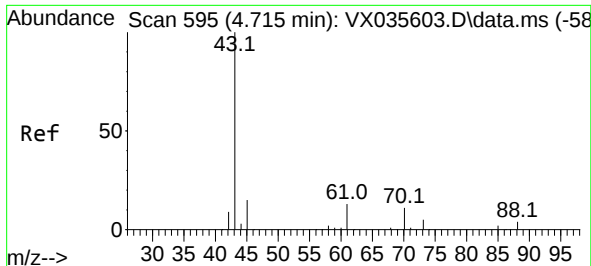
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#36
1,1-Dichloropropene
Concen: 17.428 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

Tgt Ion: 75 Resp: 55830
Ion Ratio Lower Upper
75 100
110 33.7 17.5 52.5
77 31.4 24.3 36.5





#37

Ethyl Acetate

Concen: 18.531 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.001 min

Lab File: VX035856.D

Acq: 25 May 2023 16:21

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBSD01

Tgt Ion: 43 Resp: 61918

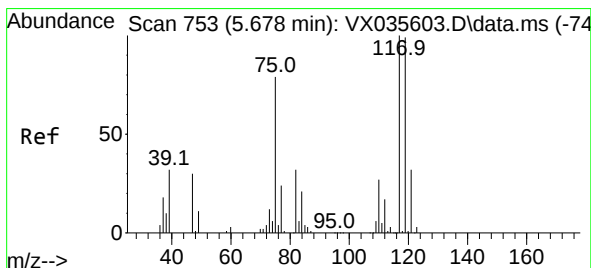
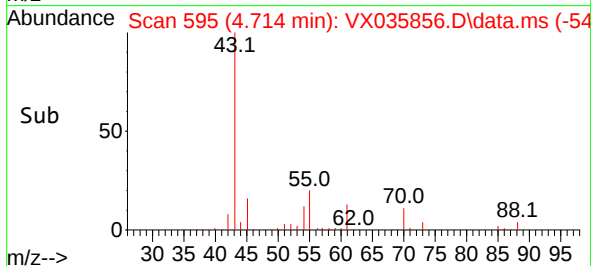
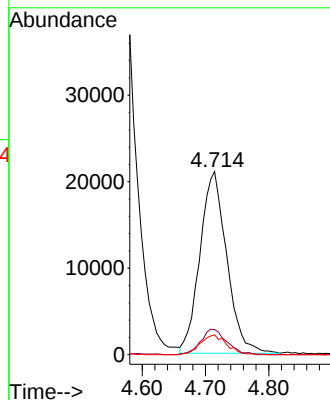
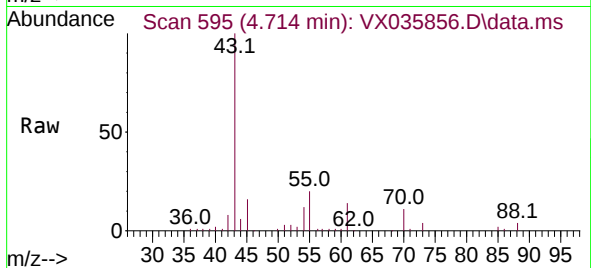
Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.2	15.4
70	10.8	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#38

Carbon Tetrachloride

Concen: 16.909 ug/l

RT: 5.672 min Scan# 752

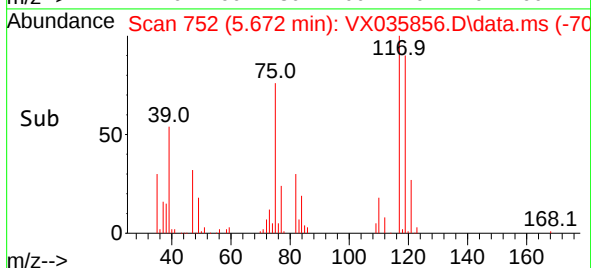
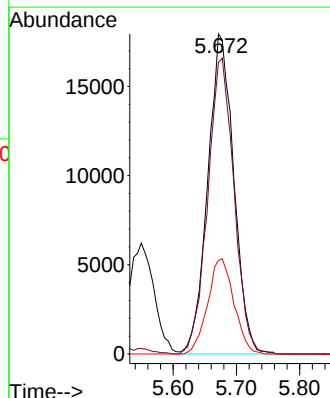
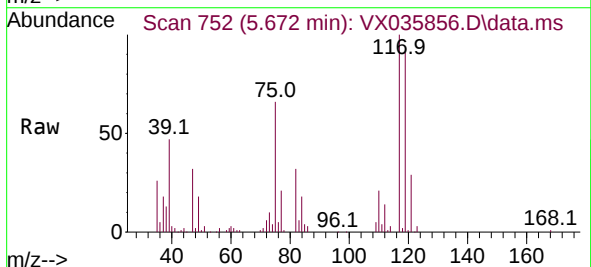
Delta R.T. -0.006 min

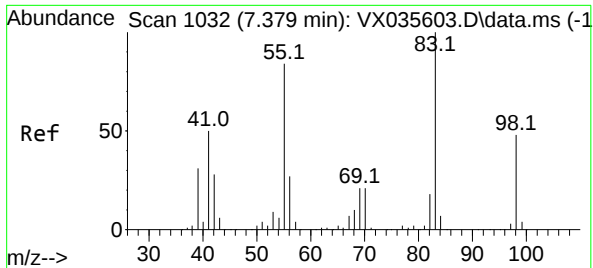
Lab File: VX035856.D

Acq: 25 May 2023 16:21

Tgt Ion:117 Resp: 51312

Ion	Ratio	Lower	Upper
117	100		
119	91.2	76.6	114.8
121	29.2	23.8	35.6





#39

Methylcyclohexane

Concen: 18.168 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX035856.D

Acq: 25 May 2023 16:21

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBSD01

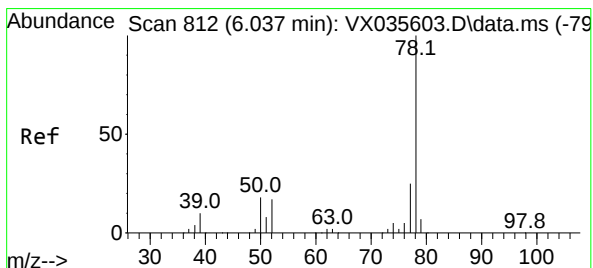
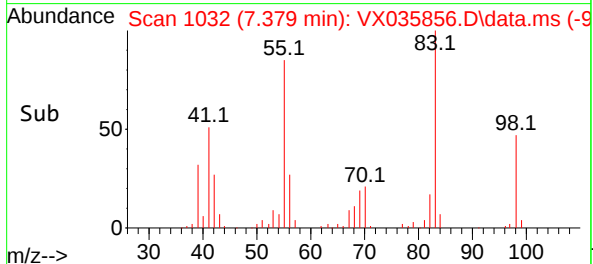
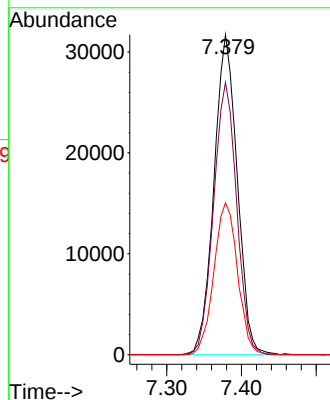
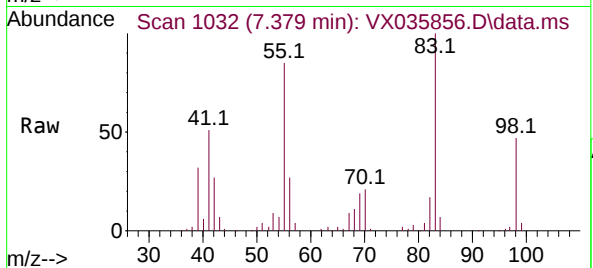
Tgt Ion: 83 Resp: 68509
 Ion Ratio Lower Upper
 83 100
 55 85.0 60.5 90.7
 98 47.5 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#40

Benzene

Concen: 18.716 ug/l

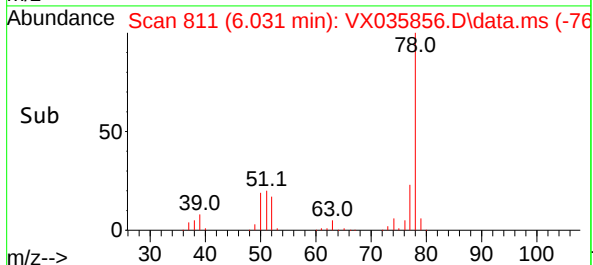
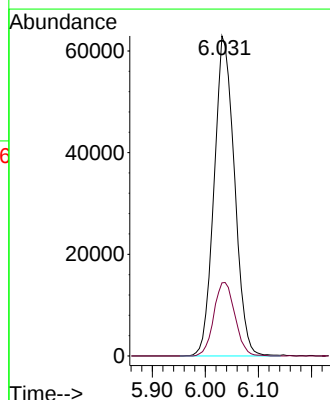
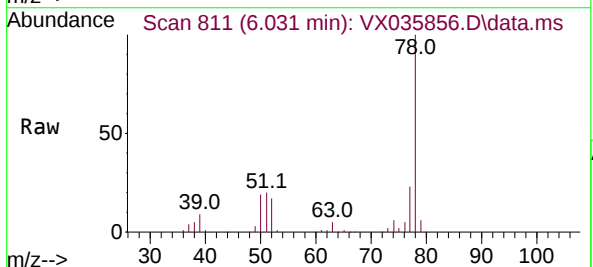
RT: 6.031 min Scan# 811

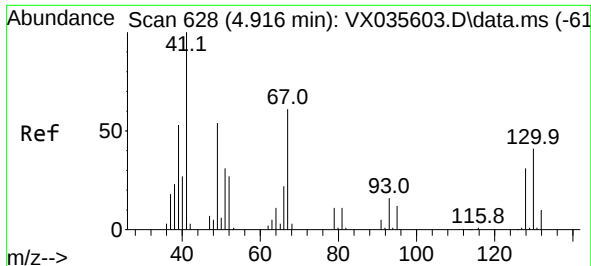
Delta R.T. -0.006 min

Lab File: VX035856.D

Acq: 25 May 2023 16:21

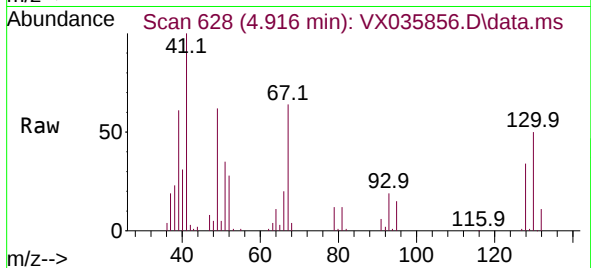
Tgt Ion: 78 Resp: 167732
 Ion Ratio Lower Upper
 78 100
 77 22.9 19.0 28.4





#41
Methacrylonitrile
Concen: 18.968 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

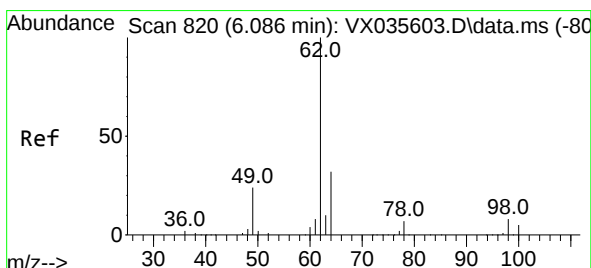
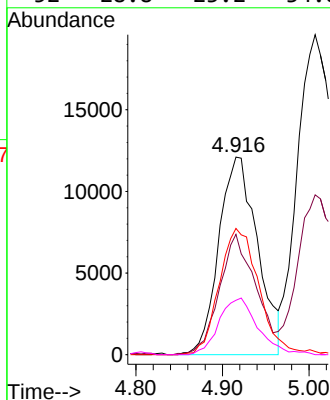
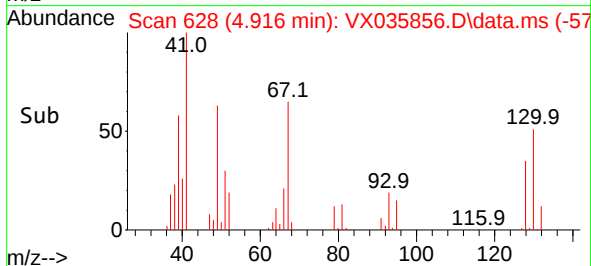
Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01



Tgt Ion:	41	Resp:	37630
Ion Ratio	100	Lower	Upper
39	56.5	45.0	67.6
67	66.0	55.6	83.4
52	28.8	23.2	34.8

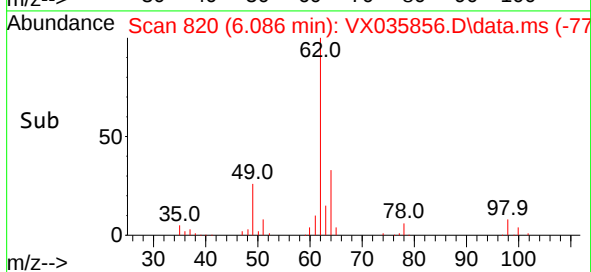
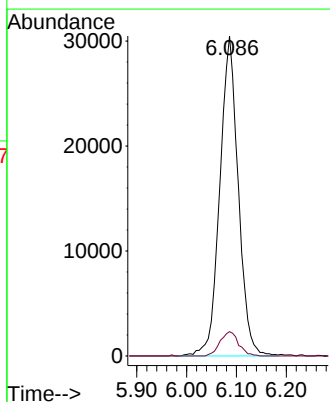
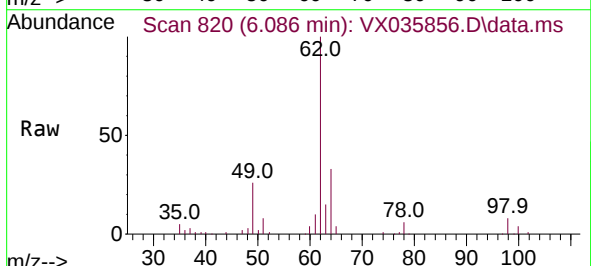
Manual Integrations
APPROVED

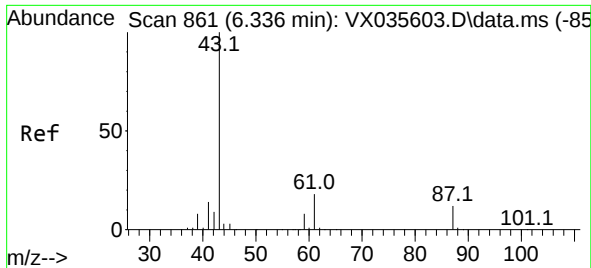
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#42
1,2-Dichloroethane
Concen: 20.316 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

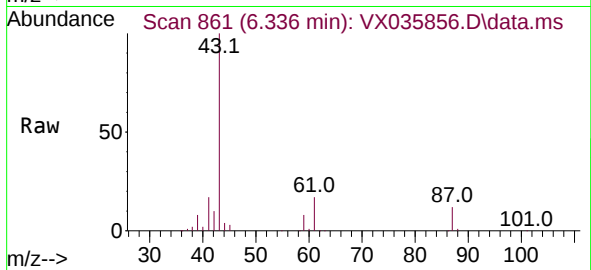
Tgt Ion:	62	Resp:	78322
Ion Ratio	100	Lower	Upper
98	7.7	0.0	18.0





#43
Isopropyl Acetate
Concen: 19.882 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

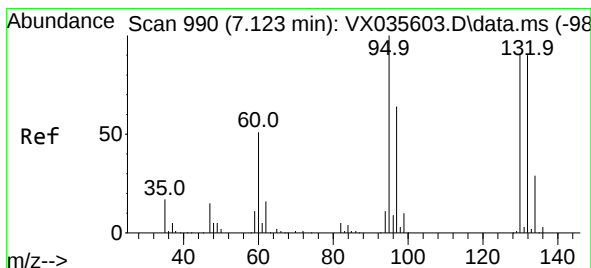
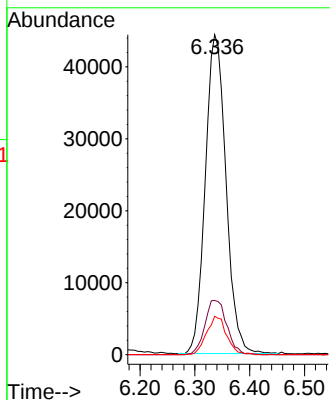
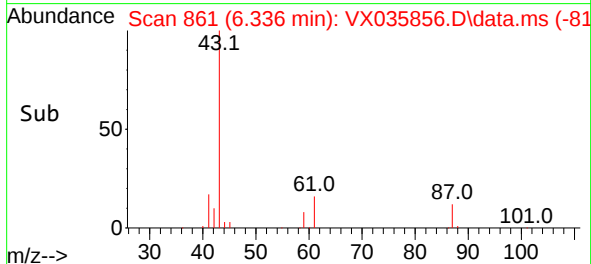
Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01



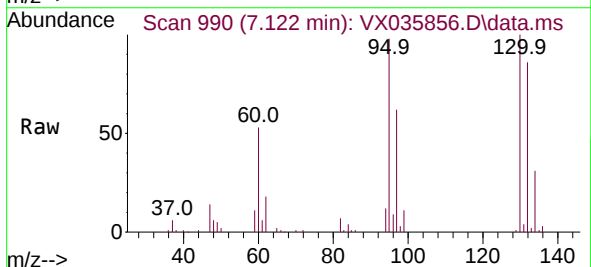
Tgt Ion: 43 Resp: 115840
Ion Ratio Lower Upper
43 100
61 18.1 15.2 22.8
87 11.6 9.8 14.8

Manual Integrations
APPROVED

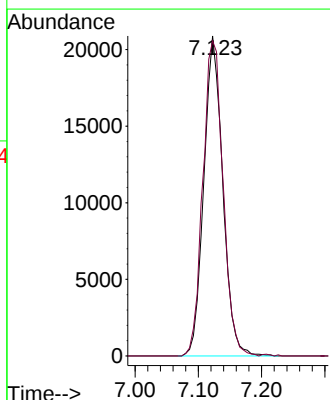
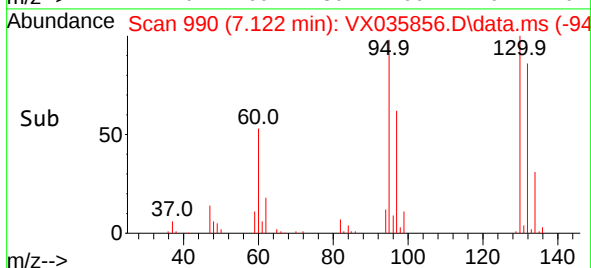
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023

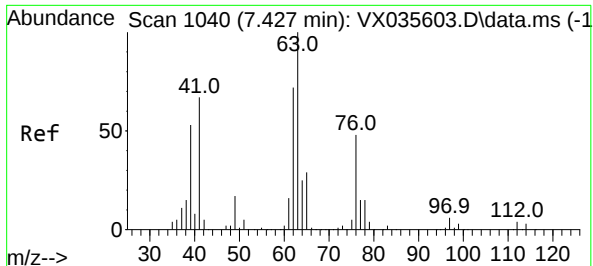


#44
Trichloroethene
Concen: 19.166 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.001 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21



Tgt Ion:130 Resp: 43552
Ion Ratio Lower Upper
130 100
95 98.4 0.0 198.4





#45

1,2-Dichloropropane

Concen: 20.505 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX035856.D

Acq: 25 May 2023 16:21

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBSD01

Tgt Ion: 63 Resp: 4866

Ion Ratio Lower Upper

63 100

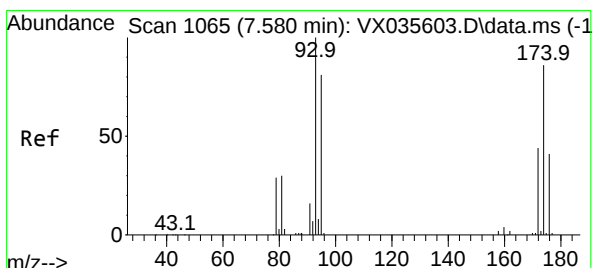
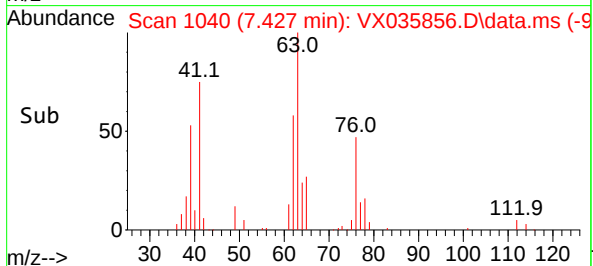
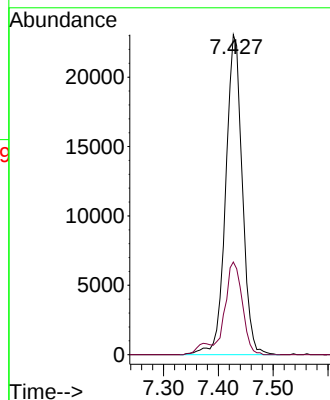
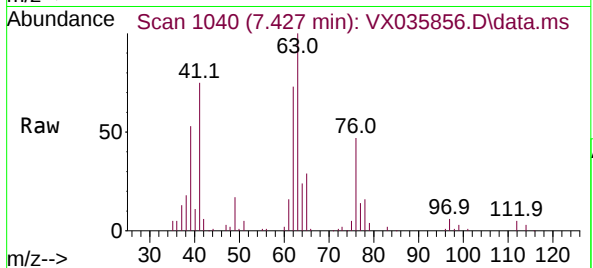
65 28.9 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#46

Dibromomethane

Concen: 20.419 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX035856.D

Acq: 25 May 2023 16:21

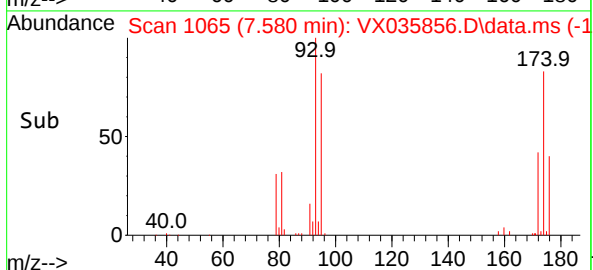
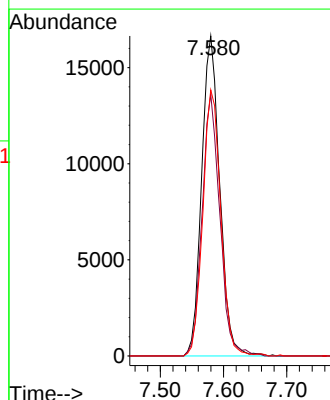
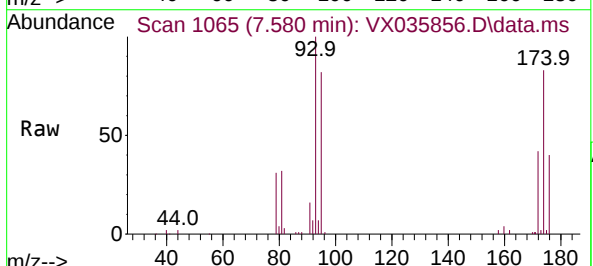
Tgt Ion: 93 Resp: 33175

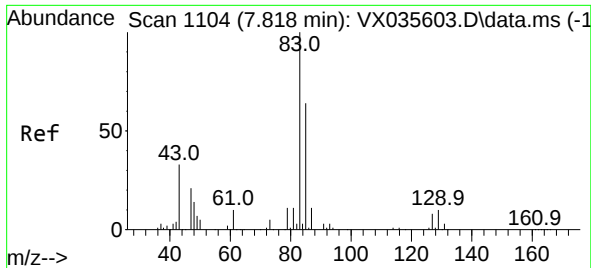
Ion Ratio Lower Upper

93 100

95 80.4 66.9 100.3

174 82.7 75.4 113.0





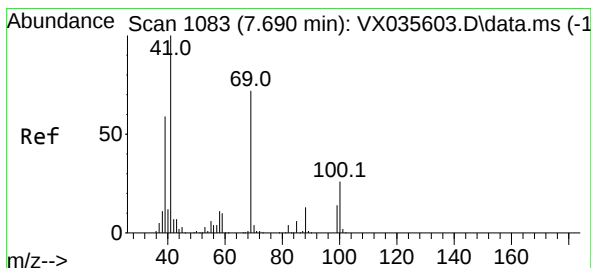
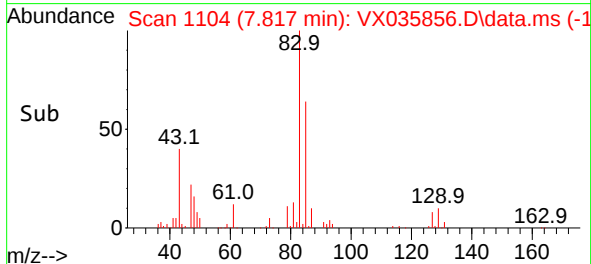
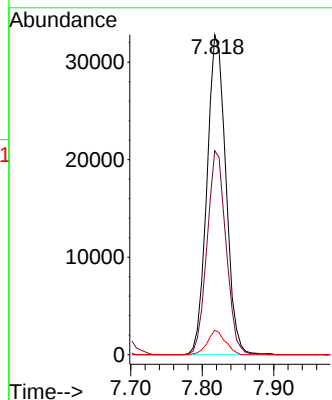
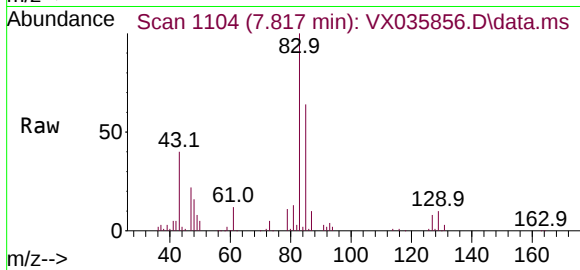
#47
Bromodichloromethane
Concen: 19.165 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01

Tgt Ion: 83 Resp: 6018
Ion Ratio Lower Upper
83 100
85 63.7 52.2 78.4
127 7.7 6.6 9.8

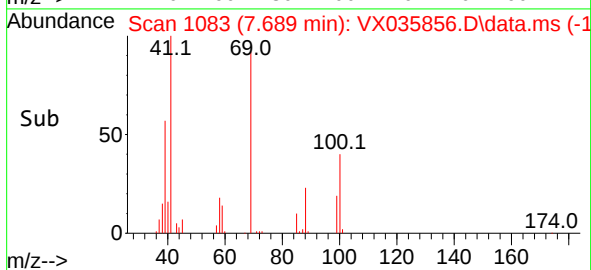
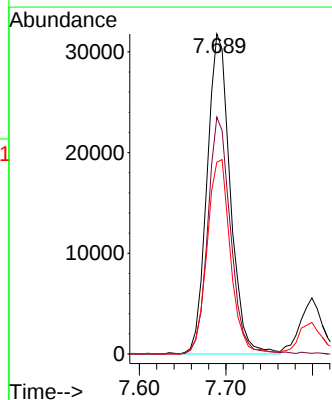
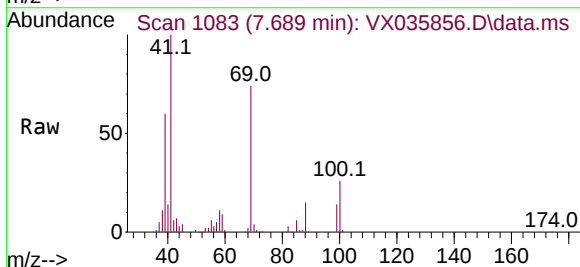
Manual Integrations
APPROVED

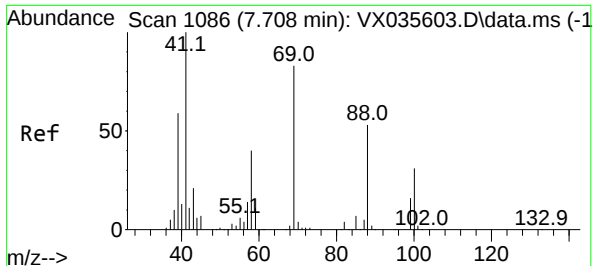
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#48
Methyl methacrylate
Concen: 20.563 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.001 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

Tgt Ion: 41 Resp: 59129
Ion Ratio Lower Upper
41 100
69 72.3 62.2 93.4
39 61.4 47.7 71.5





#49

1,4-Dioxane

Concen: 379.553 ug/l

RT: 7.714 min Scan# 1086

Delta R.T. 0.006 min

Lab File: VX035856.D

Acq: 25 May 2023 16:21

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBSD01

Tgt Ion: 88 Resp: 23314

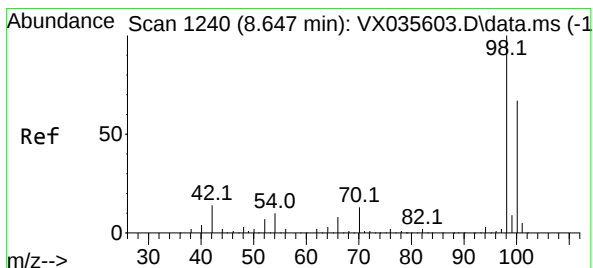
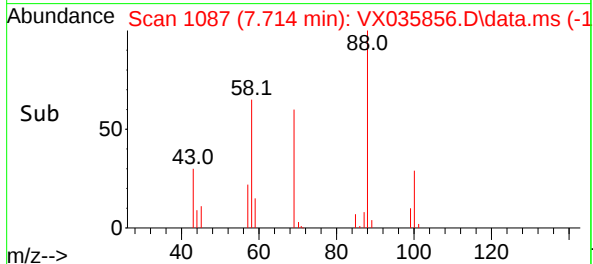
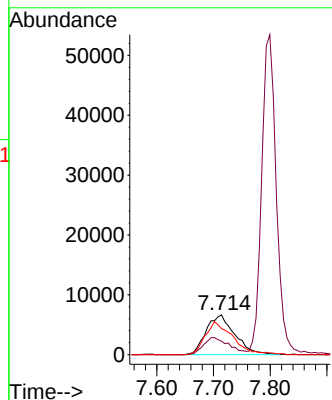
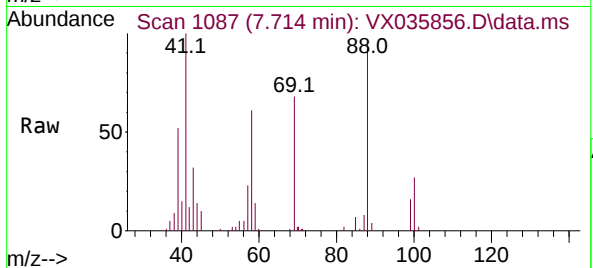
Ion	Ratio	Lower	Upper
88	100		
43	38.9	27.7	41.5
58	80.3	56.8	85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#50

Toluene-d8

Concen: 47.115 ug/l

RT: 8.647 min Scan# 1240

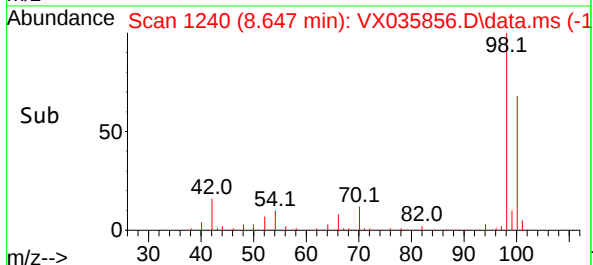
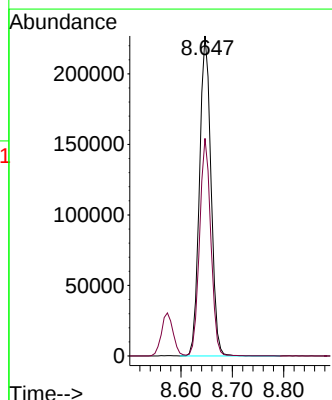
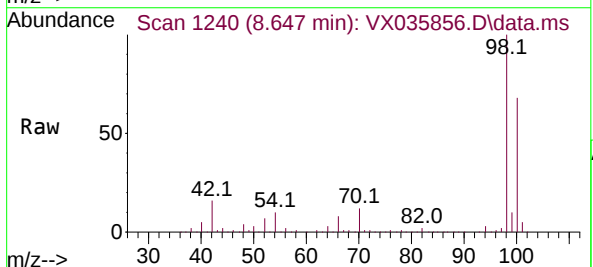
Delta R.T. -0.000 min

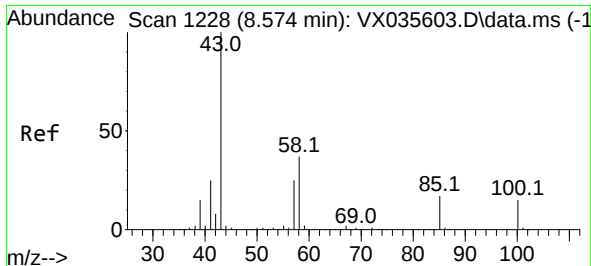
Lab File: VX035856.D

Acq: 25 May 2023 16:21

Tgt Ion: 98 Resp: 353245

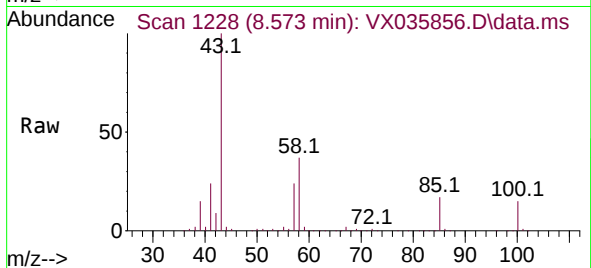
Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.5	78.7





#51
4-Methyl-2-Pentanone
Concen: 100.433 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

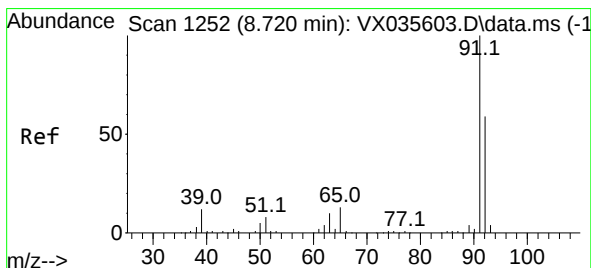
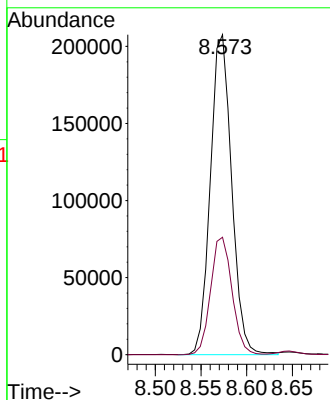
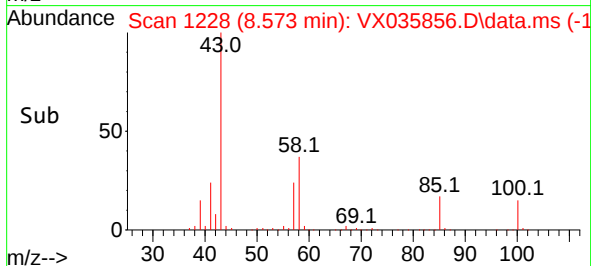
Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01



Tgt Ion: 43 Resp: 337124
Ion Ratio Lower Upper
43 100
58 36.9 30.6 46.0

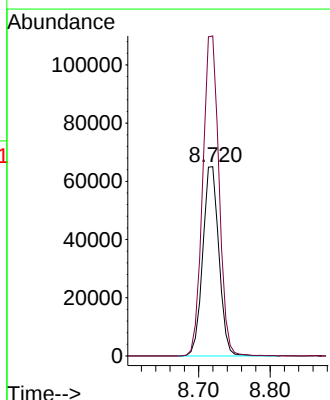
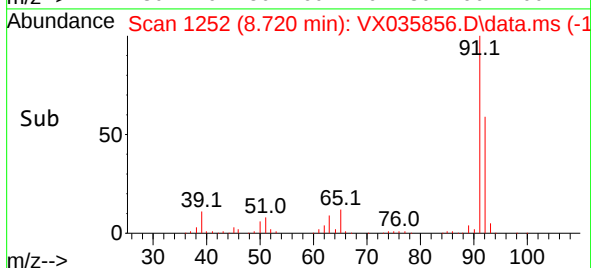
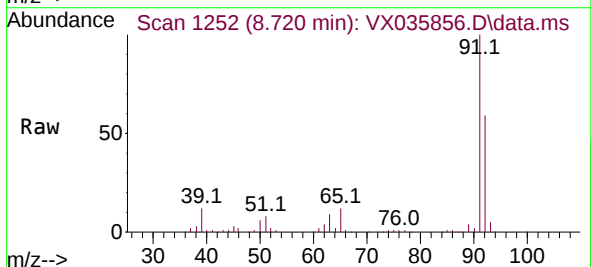
Manual Integrations
APPROVED

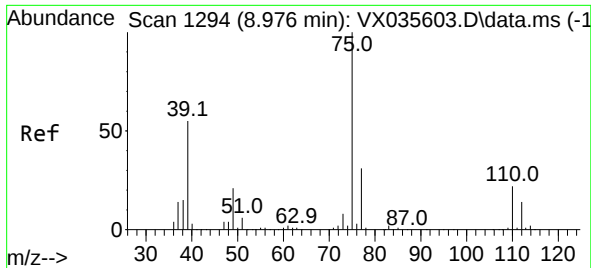
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#52
Toluene
Concen: 18.023 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

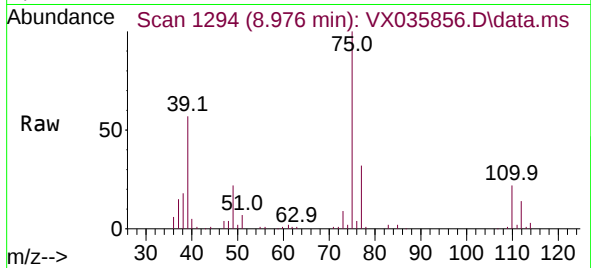
Tgt Ion: 92 Resp: 101959
Ion Ratio Lower Upper
92 100
91 170.9 136.8 205.2





#53
t-1,3-Dichloropropene
Concen: 15.769 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

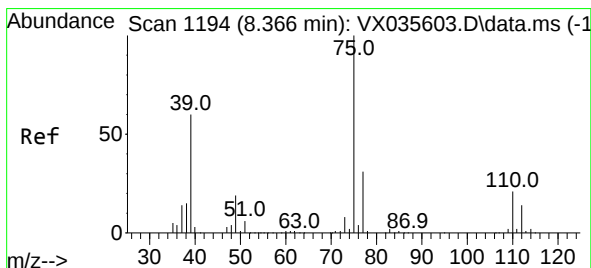
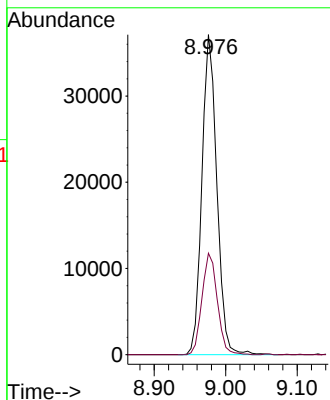
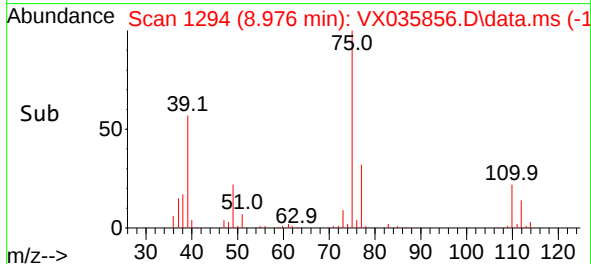
Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01



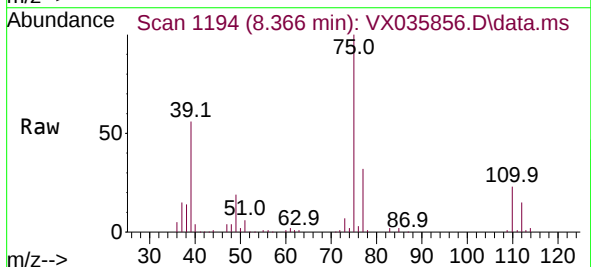
Tgt Ion: 75 Resp: 5380
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2

Manual Integrations
APPROVED

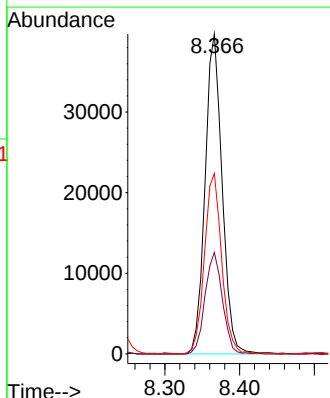
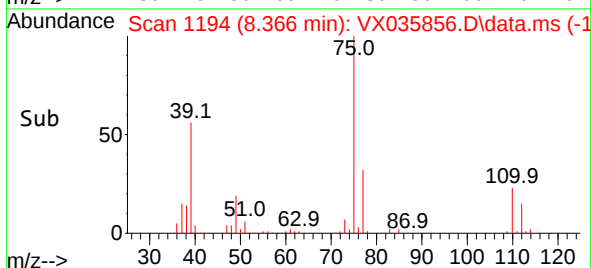
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023

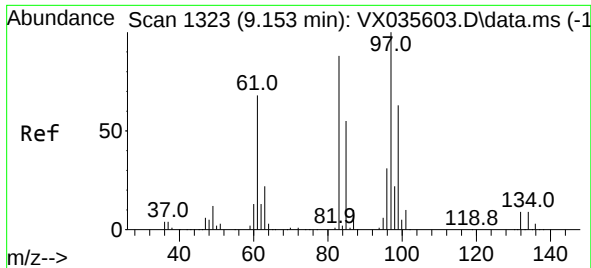


#54
cis-1,3-Dichloropropene
Concen: 17.213 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21



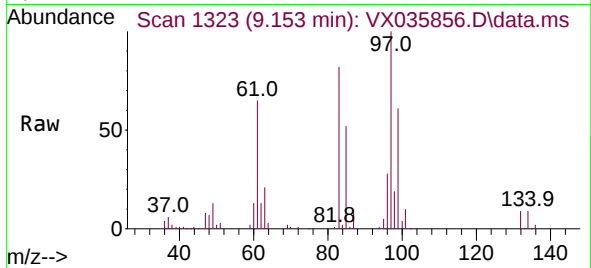
Tgt Ion: 75 Resp: 62921
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.4
39 56.4 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 19.328 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

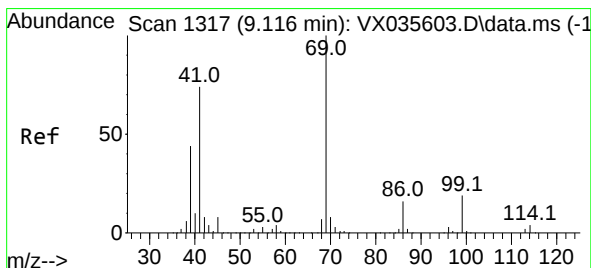
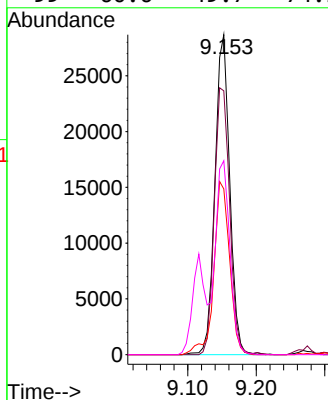
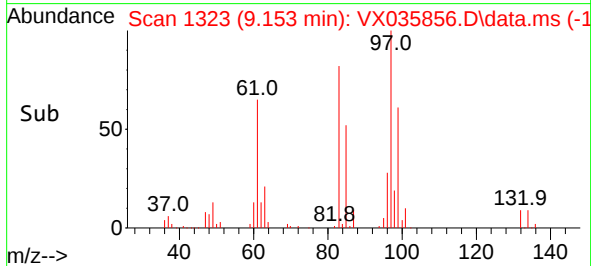
Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01



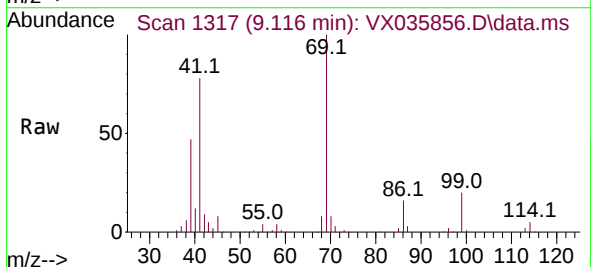
Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.5	69.7	104.5
85	51.8	43.7	65.5
99	60.6	49.7	74.5

Manual Integrations
APPROVED

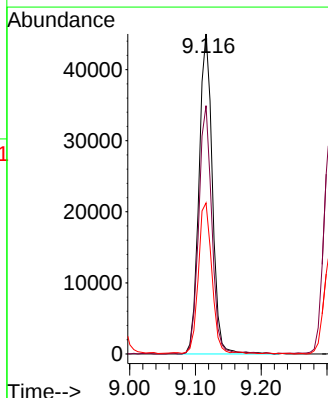
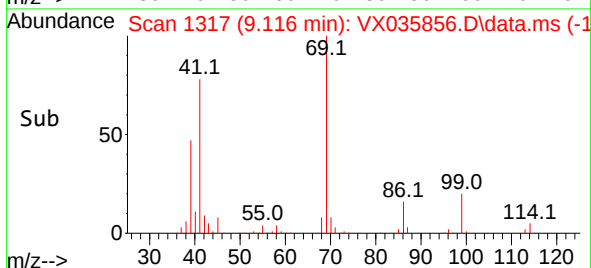
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023

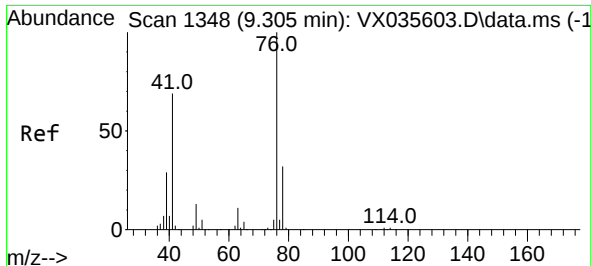


#56
Ethyl methacrylate
Concen: 17.577 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21



Tgt Ion	Ratio	Lower	Upper
69	100		
41	76.7	57.4	86.0
39	47.8	33.7	50.5





#57

1,3-Dichloropropane

Concen: 18.737 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035856.D

Acq: 25 May 2023 16:21

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBSD01

Tgt Ion: 76 Resp: 7547

Ion Ratio Lower Upper

76 100

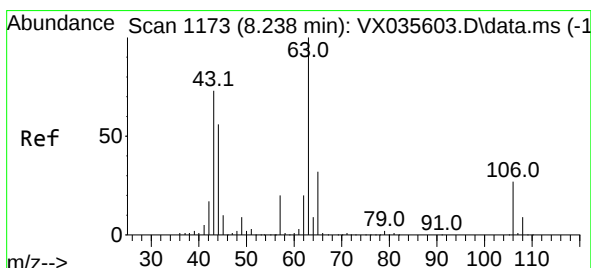
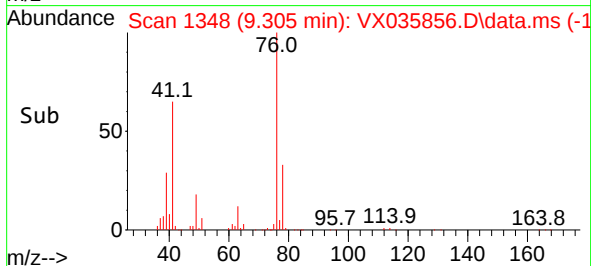
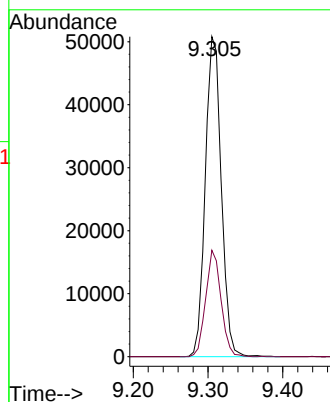
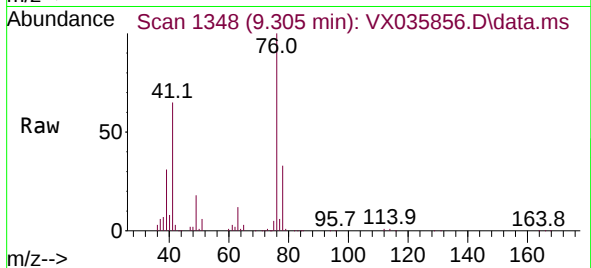
78 31.9 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#58

2-Chloroethyl Vinyl ether

Concen: 97.108 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX035856.D

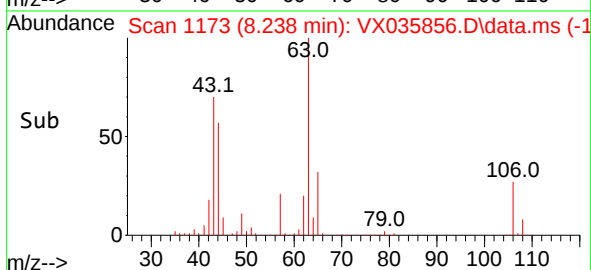
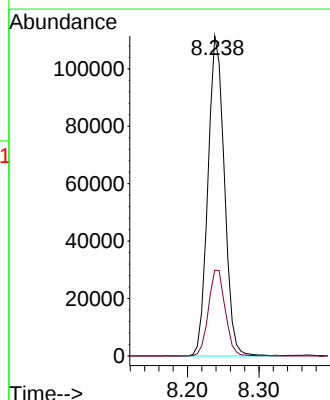
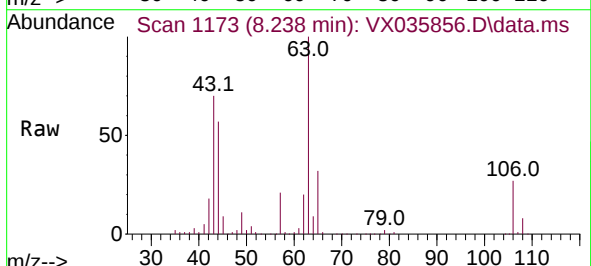
Acq: 25 May 2023 16:21

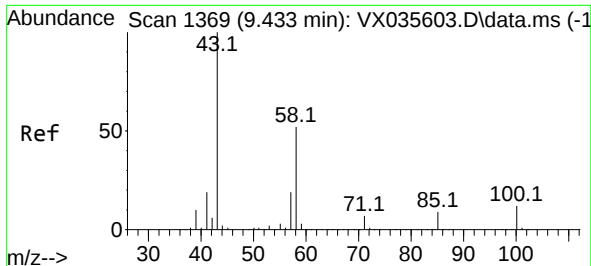
Tgt Ion: 63 Resp: 177751

Ion Ratio Lower Upper

63 100

106 27.4 22.2 33.2





#59

2-Hexanone

Concen: 102.892 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX035856.D

Acq: 25 May 2023 16:21

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBSD01

Tgt Ion: 43 Resp: 26010

Ion Ratio Lower Upper

43 100

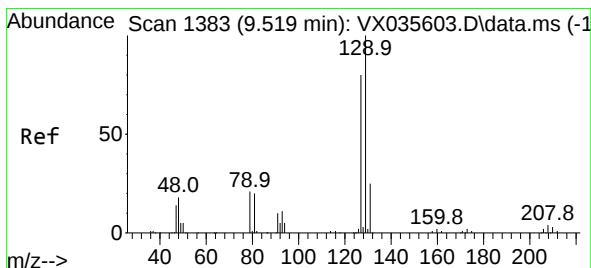
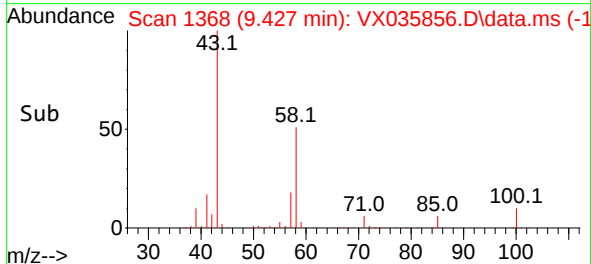
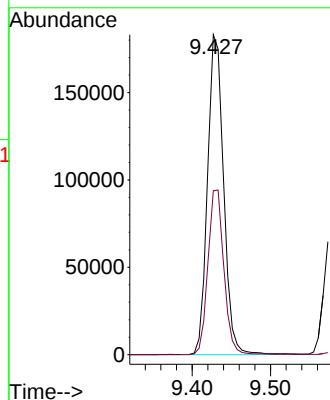
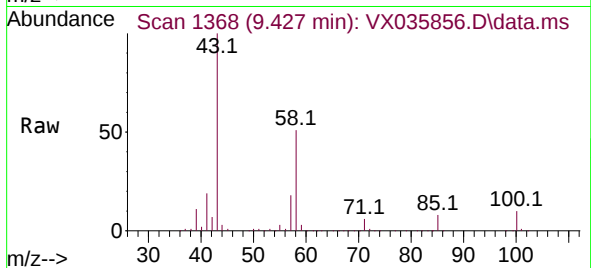
58 51.2 26.3 78.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#60

Dibromochloromethane

Concen: 17.444 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.001 min

Lab File: VX035856.D

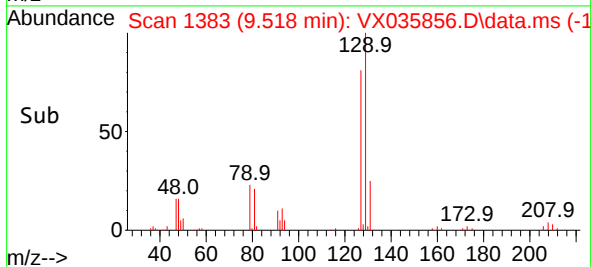
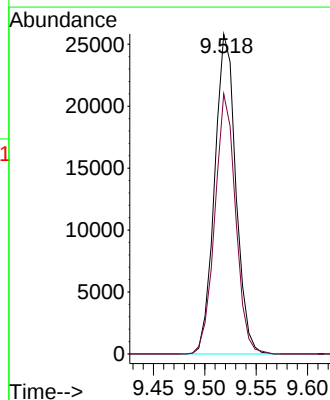
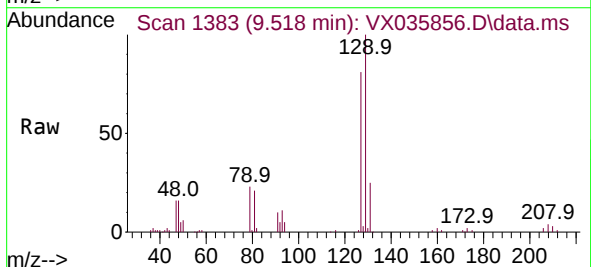
Acq: 25 May 2023 16:21

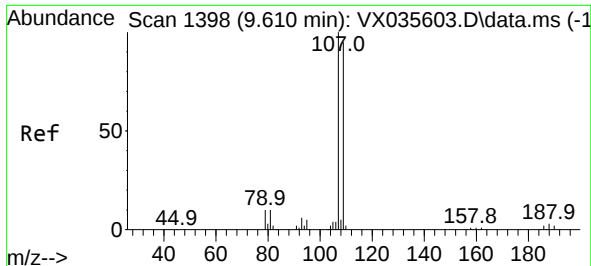
Tgt Ion:129 Resp: 36946

Ion Ratio Lower Upper

129 100

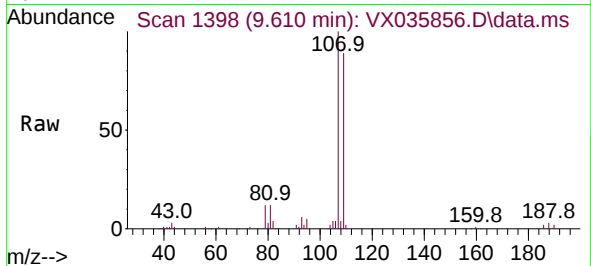
127 79.6 39.0 117.0





#61
1,2-Dibromoethane
Concen: 18.614 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

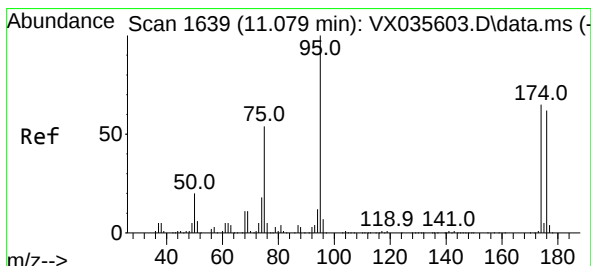
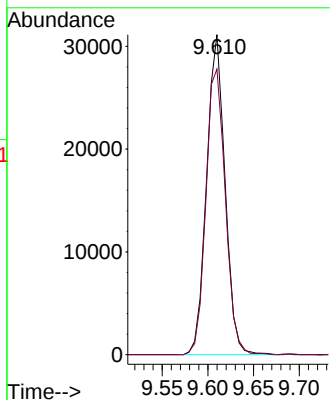
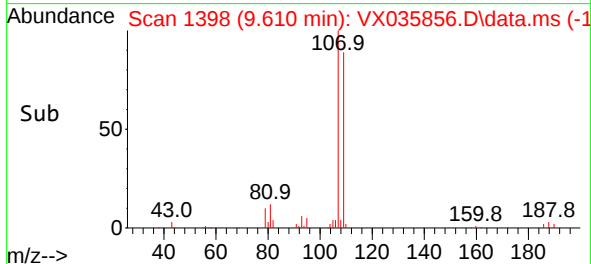
Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01



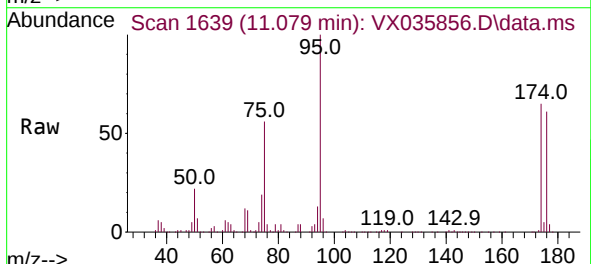
Tgt Ion:107 Resp: 43574
Ion Ratio Lower Upper
107 100
109 94.0 75.3 112.9

Manual Integrations
APPROVED

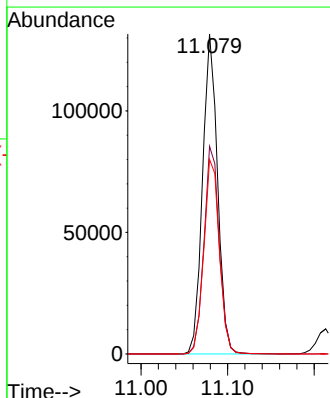
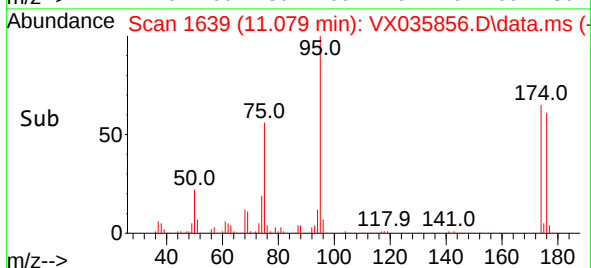
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023

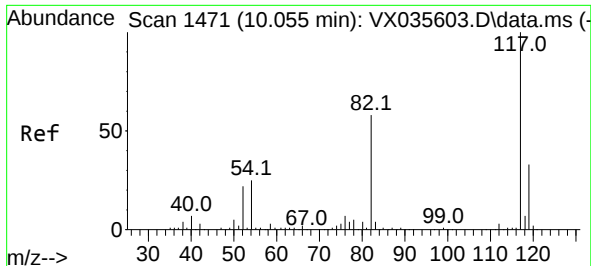


#62
4-Bromofluorobenzene
Concen: 52.343 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21



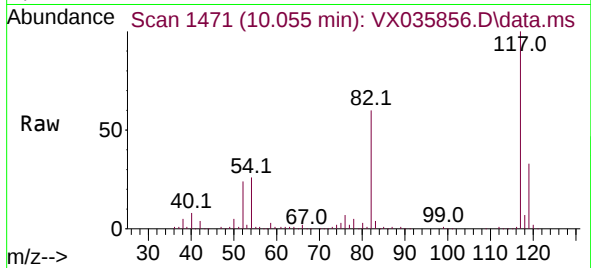
Tgt Ion: 95 Resp: 158013
Ion Ratio Lower Upper
95 100
174 66.5 0.0 147.4
176 63.0 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

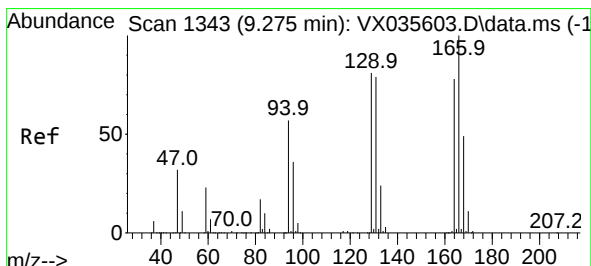
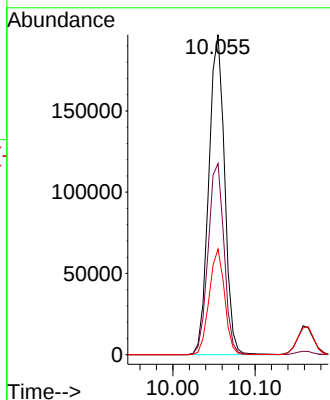
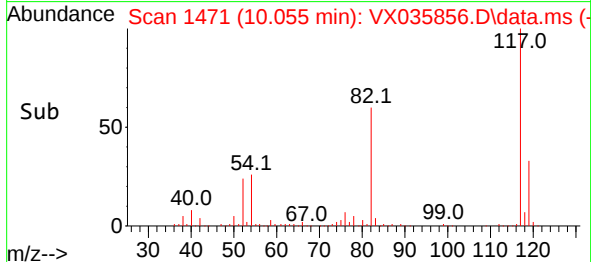
Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01



Tgt Ion:117 Resp: 263020
Ion Ratio Lower Upper
117 100
82 59.8 45.0 67.4
119 33.0 26.0 39.0

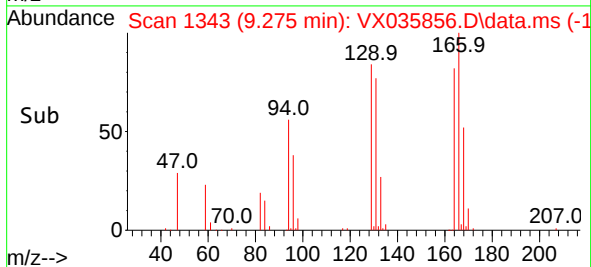
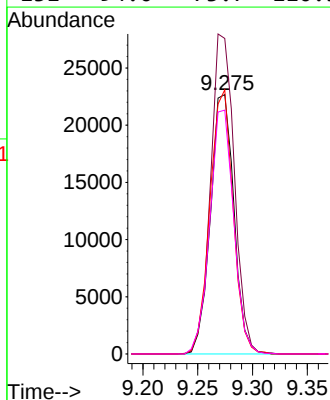
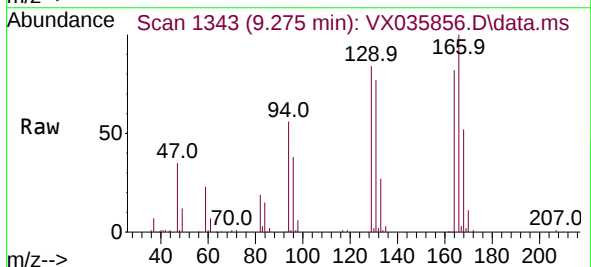
Manual Integrations
APPROVED

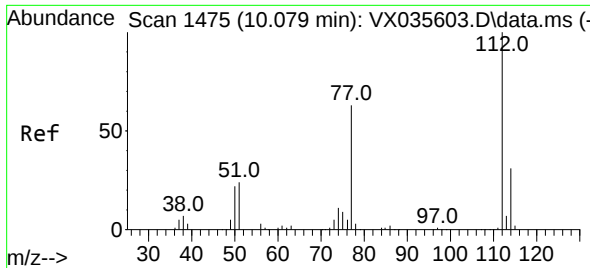
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#64
Tetrachloroethene
Concen: 19.047 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

Tgt Ion:164 Resp: 33729
Ion Ratio Lower Upper
164 100
166 121.6 102.7 154.1
129 101.8 75.6 113.4
131 94.0 73.7 110.5





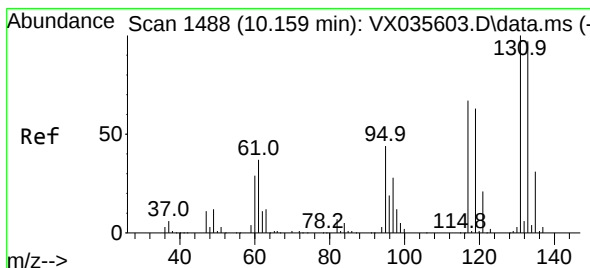
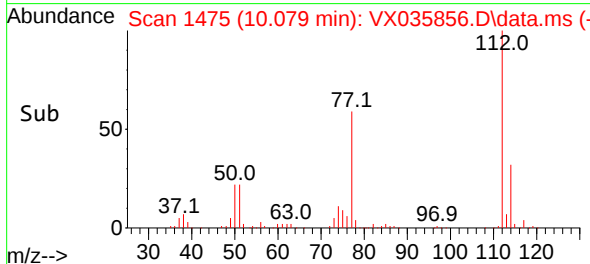
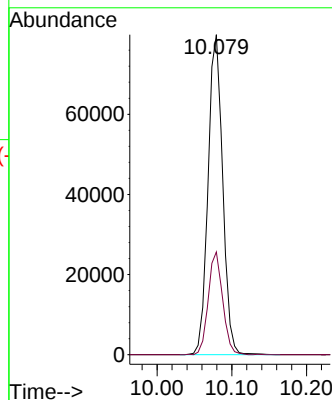
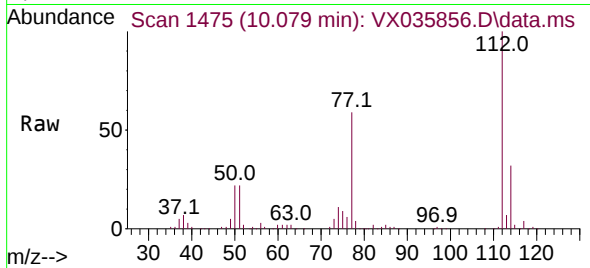
#65
Chlorobenzene
Concen: 18.855 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01

Tgt Ion:112 Resp: 108258
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.2

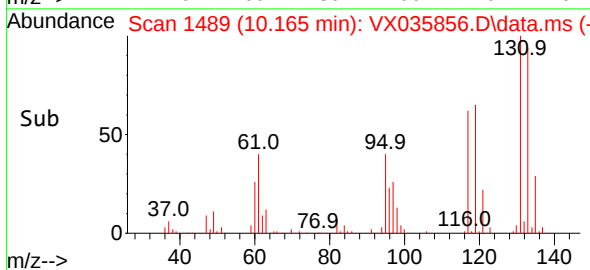
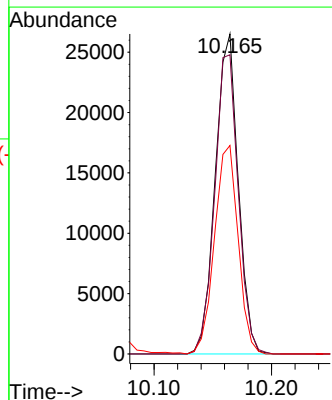
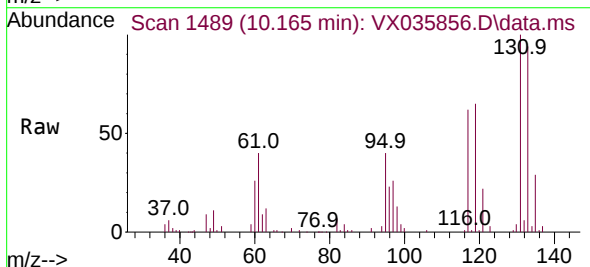
Manual Integrations
APPROVED

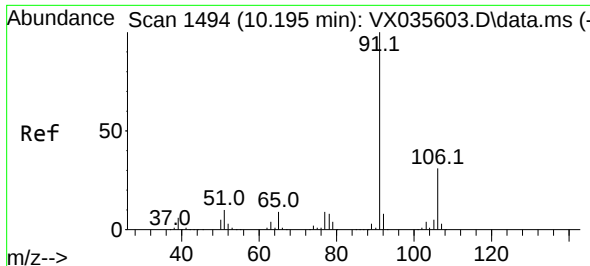
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 17.707 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

Tgt Ion:131 Resp: 35949
Ion Ratio Lower Upper
131 100
133 96.4 47.1 141.4
119 67.3 32.6 98.0





#67

Ethyl Benzene

Concen: 17.808 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX035856.D

Acq: 25 May 2023 16:21

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBSD01

Tgt Ion: 91 Resp: 192292

Ion Ratio Lower Upper

91 100

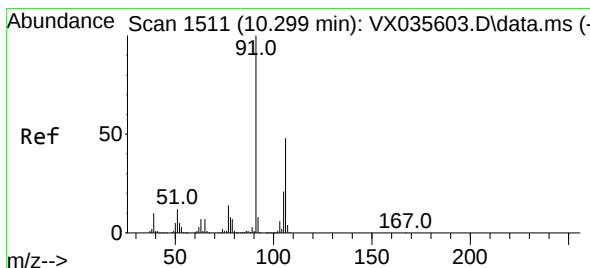
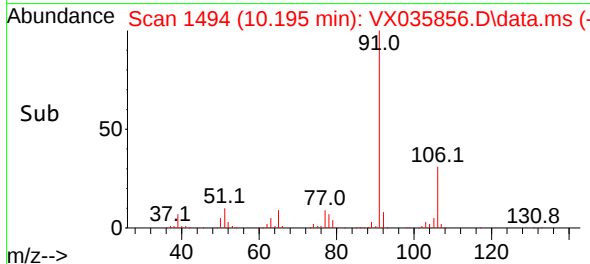
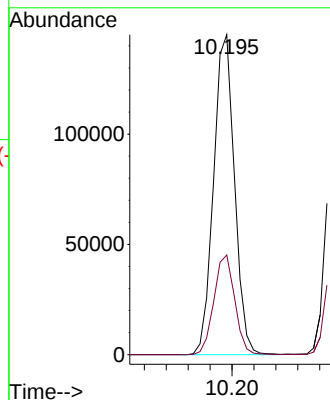
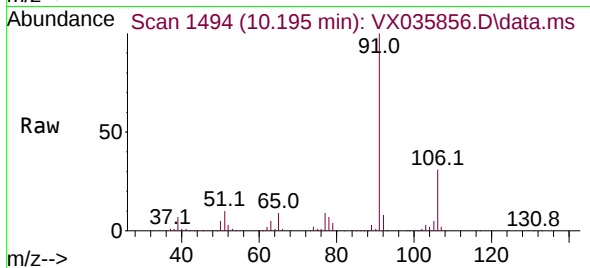
106 31.1 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#68

m/p-Xylenes

Concen: 36.667 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX035856.D

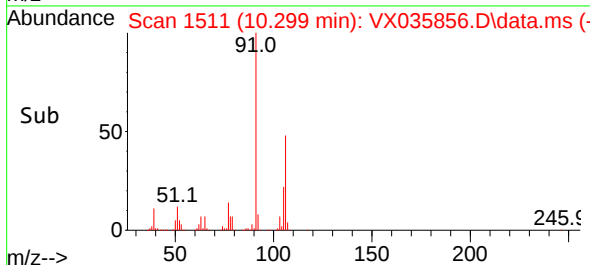
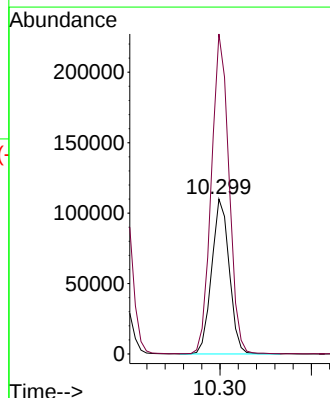
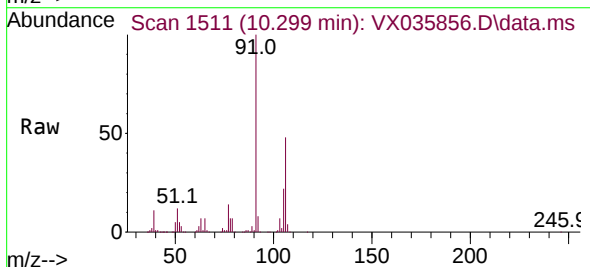
Acq: 25 May 2023 16:21

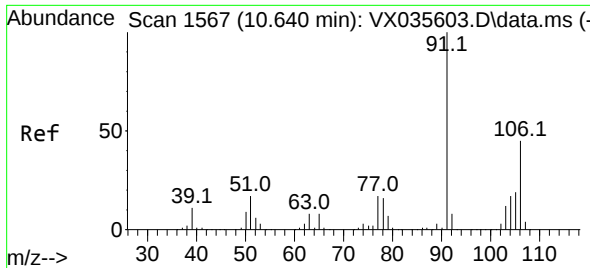
Tgt Ion:106 Resp: 146354

Ion Ratio Lower Upper

106 100

91 207.5 164.0 246.0





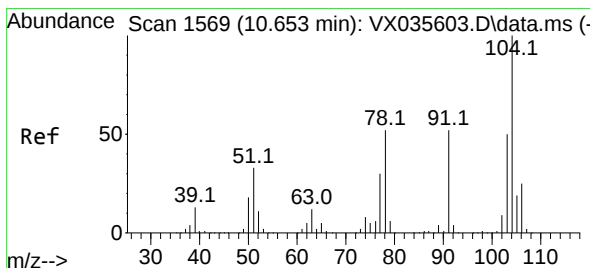
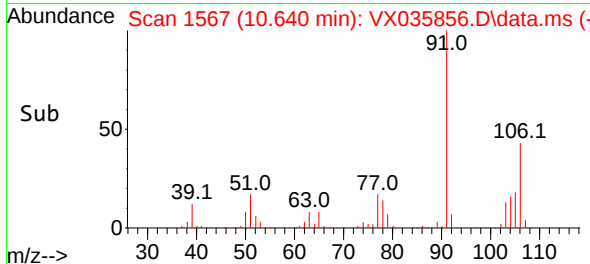
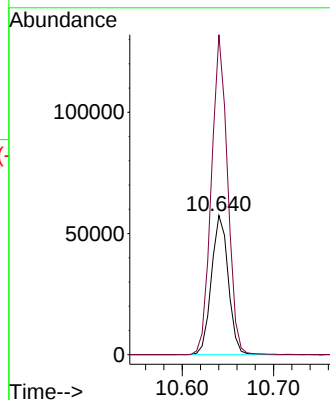
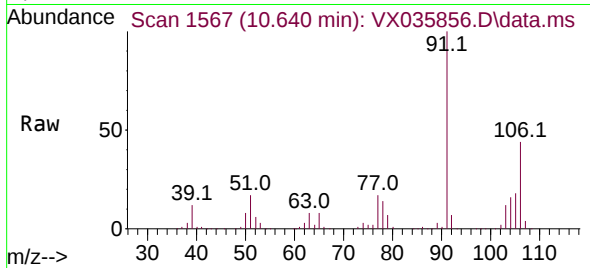
#69
o-Xylene
Concen: 18.500 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01

Tgt Ion:106 Resp: 73272
Ion Ratio Lower Upper
106 100
91 221.7 108.5 325.3

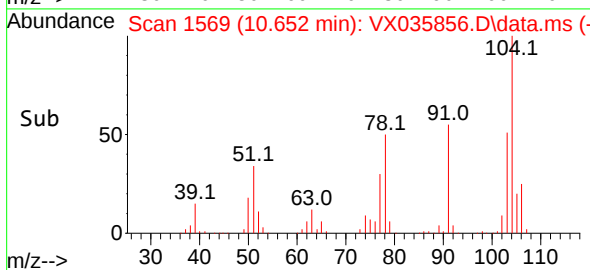
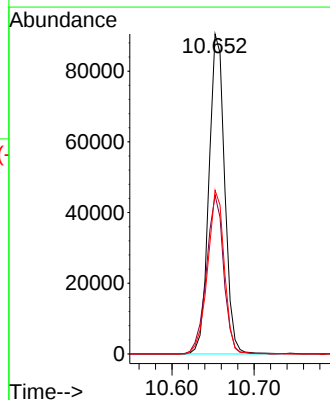
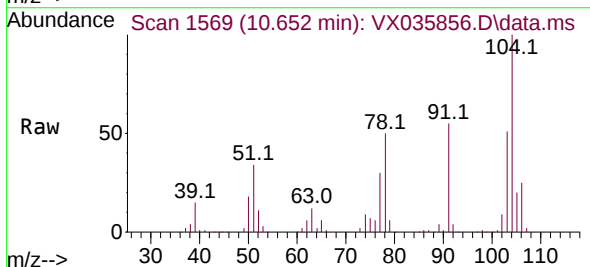
Manual Integrations
APPROVED

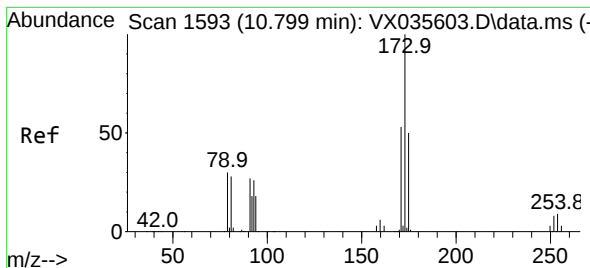
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#70
Styrene
Concen: 18.883 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.001 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

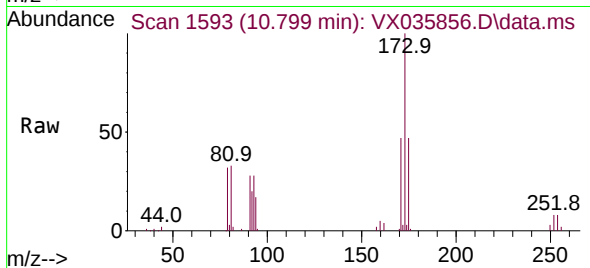
Tgt Ion:104 Resp: 120541
Ion Ratio Lower Upper
104 100
78 54.5 43.4 65.2
103 54.3 44.2 66.2





#71
Bromoform
Concen: 17.314 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

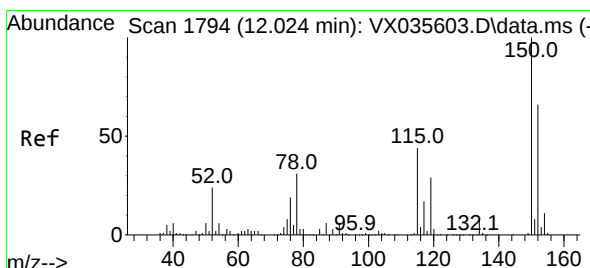
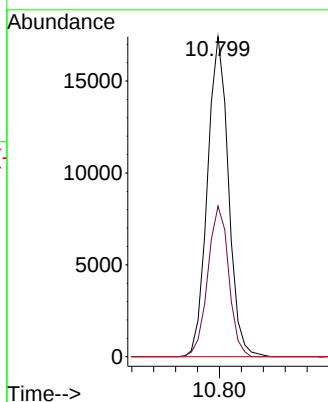
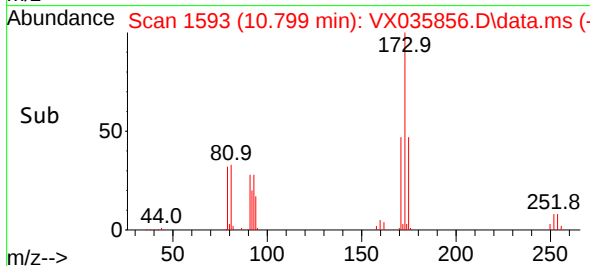
Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01



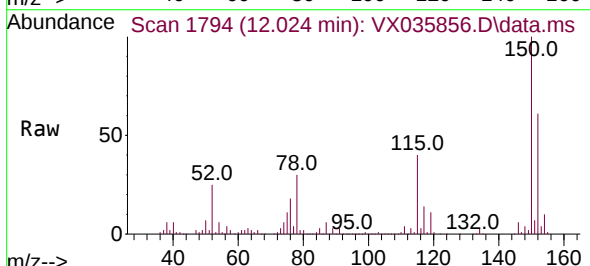
Tgt Ion:173 Resp: 2312
Ion Ratio Lower Upper
173 100
175 47.0 24.1 72.4
254 0.0 0.1 0.1

Manual Integrations
APPROVED

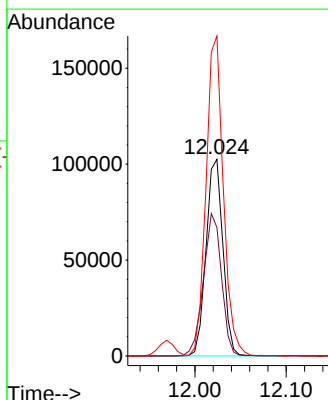
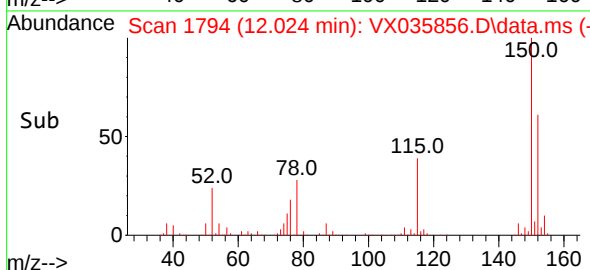
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023

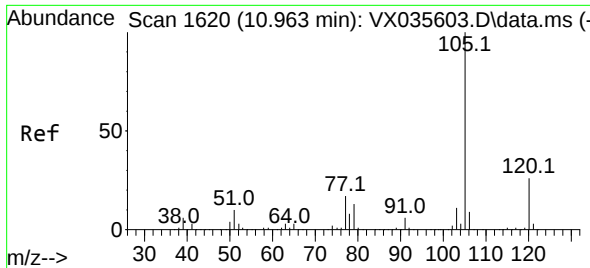


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21



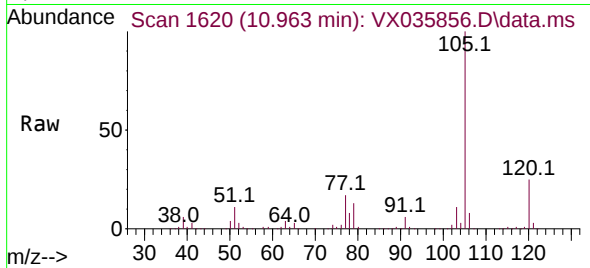
Tgt Ion:152 Resp: 130629
Ion Ratio Lower Upper
152 100
115 77.9 45.0 135.0
150 166.9 0.0 352.4





#73
Isopropylbenzene
Concen: 19.061 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

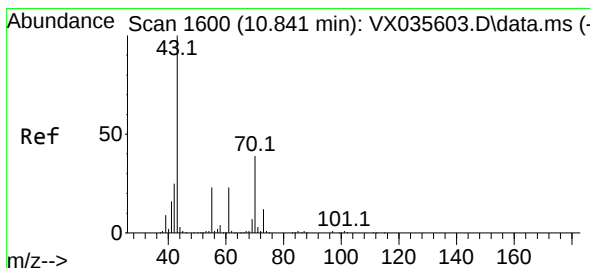
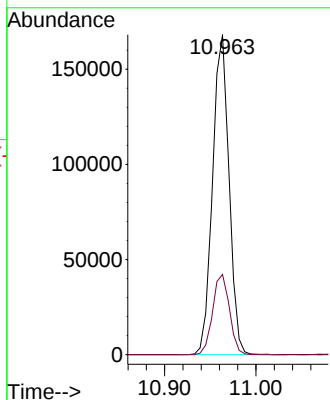
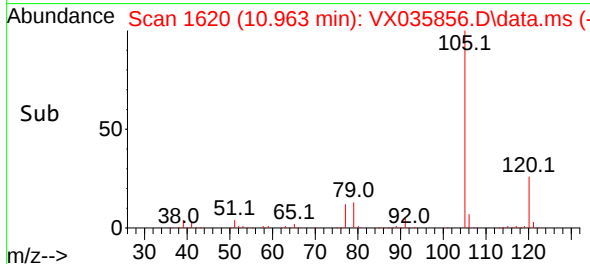
Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01



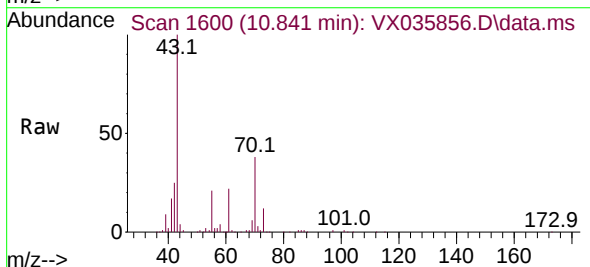
Tgt Ion:105 Resp: 209819
Ion Ratio Lower Upper
105 100
120 25.6 13.3 39.9

Manual Integrations
APPROVED

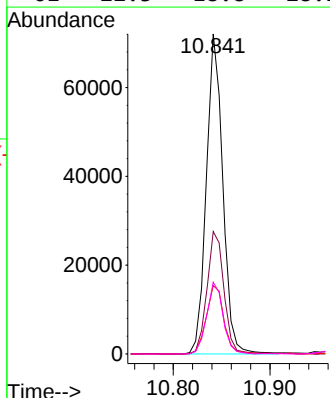
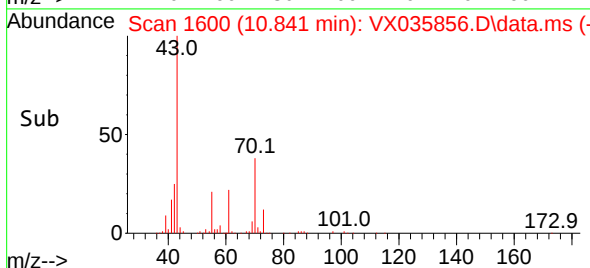
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023

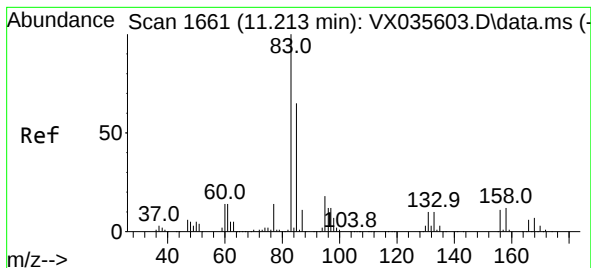


#74
N-ethyl acetate
Concen: 16.648 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21



Tgt Ion: 43 Resp: 85443
Ion Ratio Lower Upper
43 100
70 39.7 32.1 48.1
55 23.0 18.3 27.5
61 22.3 18.8 28.2





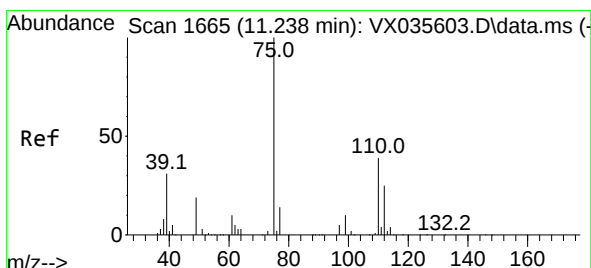
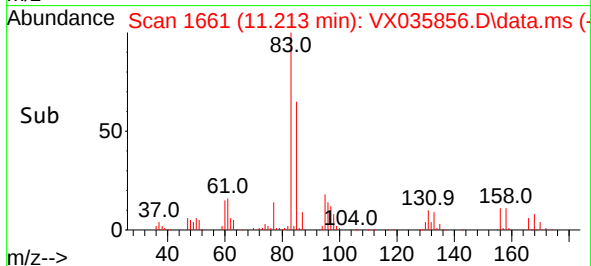
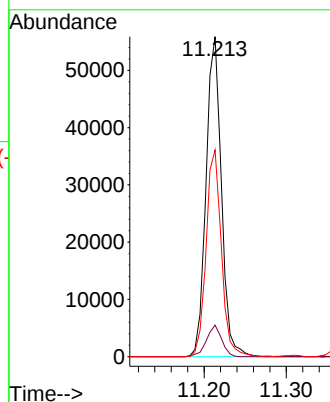
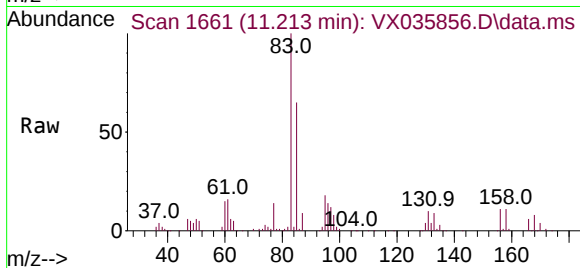
#75
1,1,2,2-Tetrachloroethane
Concen: 20.282 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01

Tgt Ion: 83 Resp: 7242
Ion Ratio Lower Upper
83 100
131 9.8 4.8 14.3
85 64.2 32.0 96.0

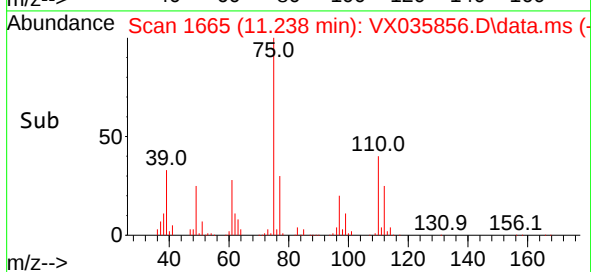
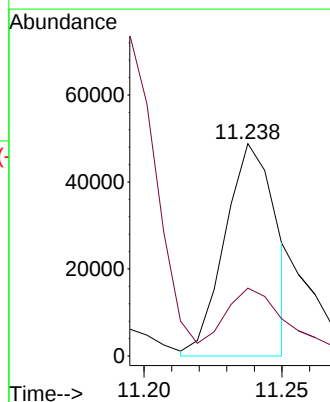
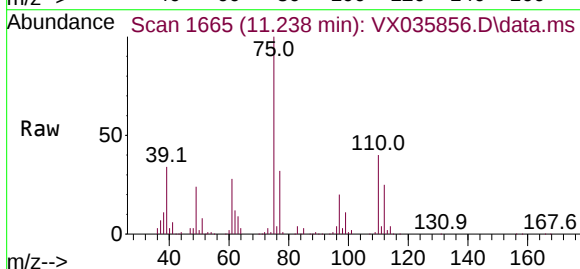
Manual Integrations
APPROVED

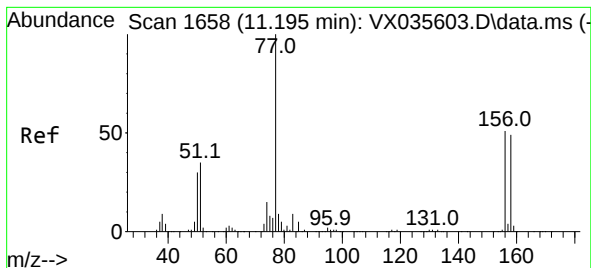
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#76
1,2,3-Trichloropropane
Concen: 19.598 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

Tgt Ion: 75 Resp: 62619
Ion Ratio Lower Upper
75 100
77 40.0 21.6 64.8





#77

Bromobenzene

Concen: 18.735 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX035856.D

Acq: 25 May 2023 16:21

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBSD01

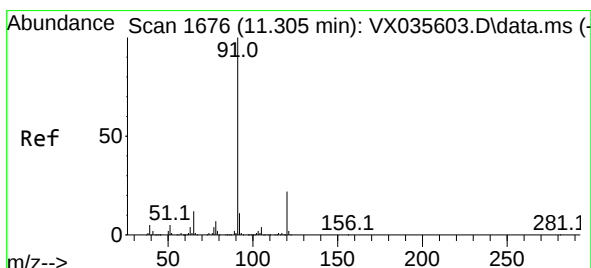
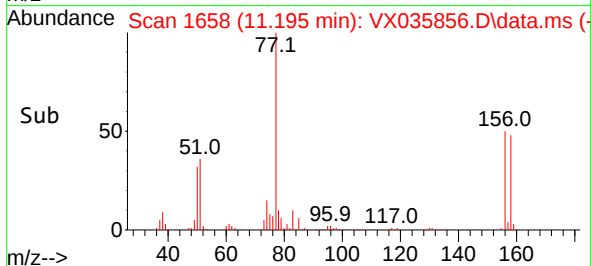
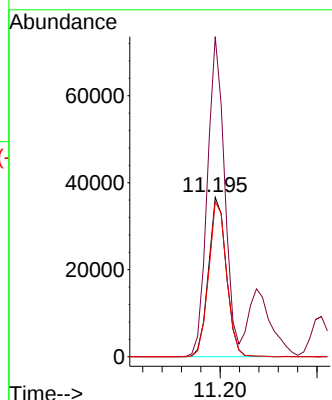
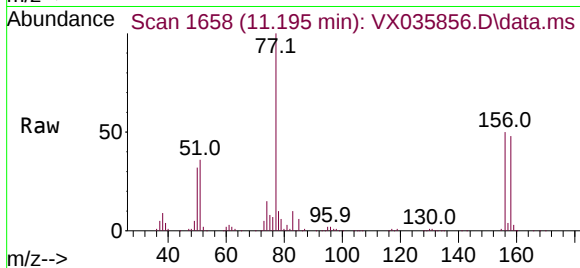
Tgt Ion:	156	Resp:	46808
Ion Ratio	Lower	Upper	
156	100		
77	194.6	86.7	259.9
158	97.9	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#78

n-propylbenzene

Concen: 19.328 ug/l

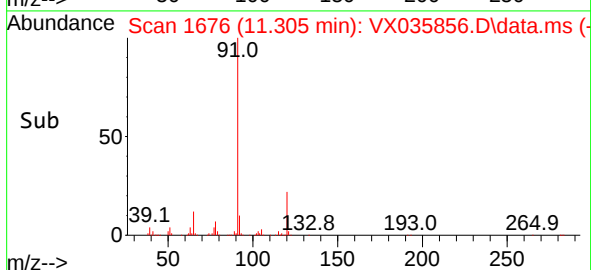
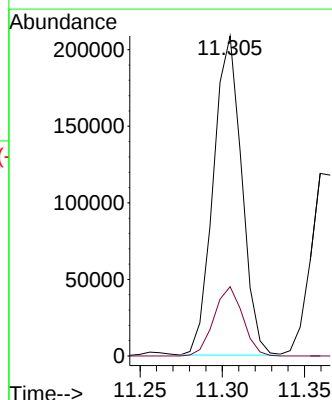
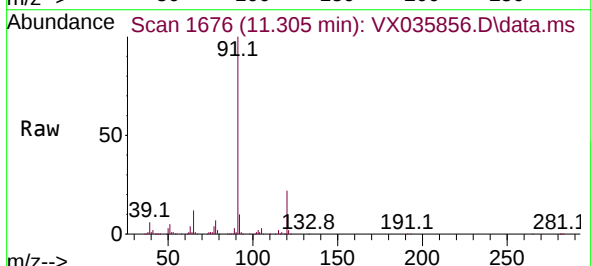
RT: 11.305 min Scan# 1676

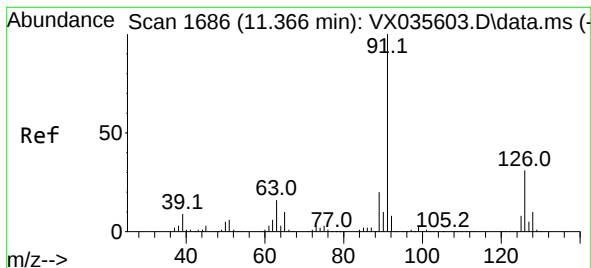
Delta R.T. -0.000 min

Lab File: VX035856.D

Acq: 25 May 2023 16:21

Tgt Ion:	91	Resp:	250097
Ion Ratio	Lower	Upper	
91	100		
120	21.9	11.5	34.5





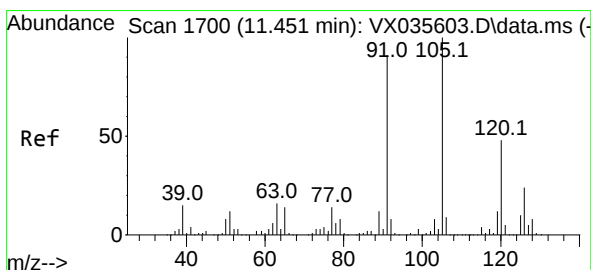
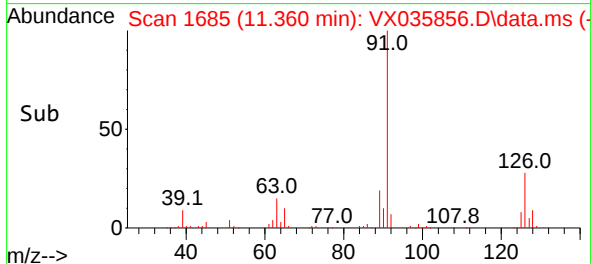
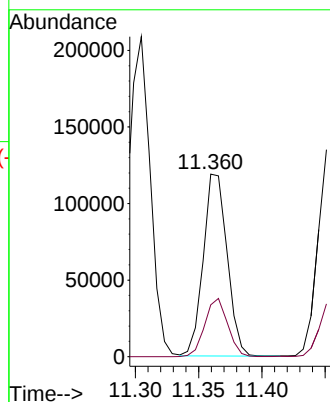
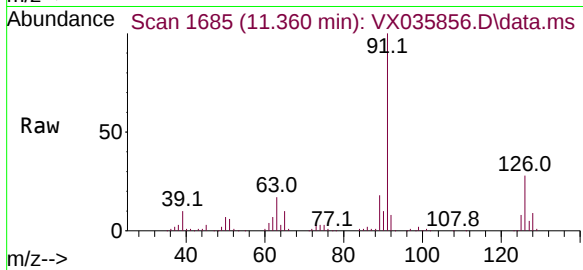
#79
2-Chlorotoluene
Concen: 19.297 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01

Tgt Ion: 91 Resp: 156329
Ion Ratio Lower Upper
91 100
126 30.7 16.3 48.9

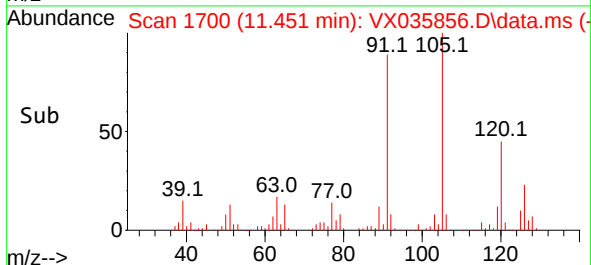
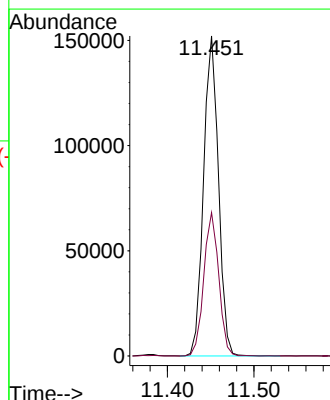
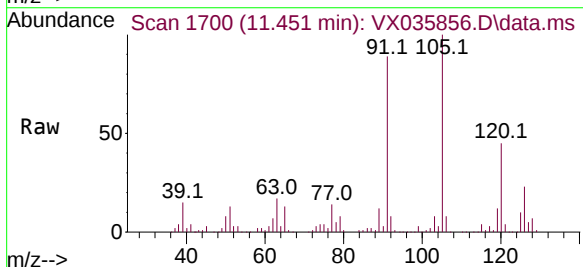
Manual Integrations
APPROVED

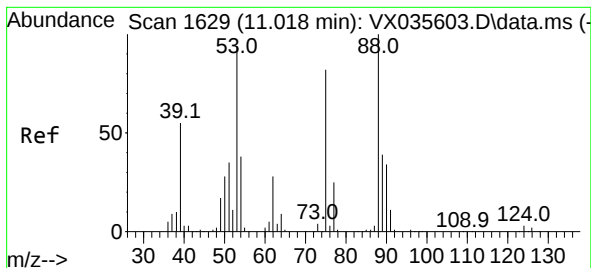
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.388 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

Tgt Ion:105 Resp: 181384
Ion Ratio Lower Upper
105 100
120 45.1 23.7 71.1





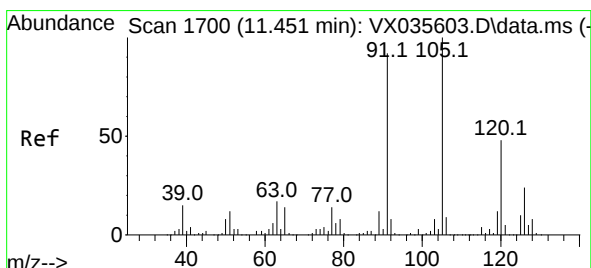
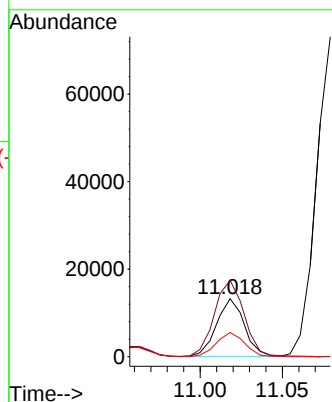
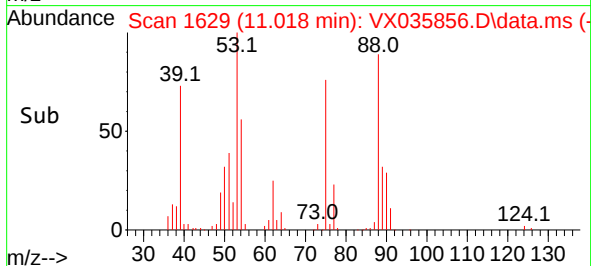
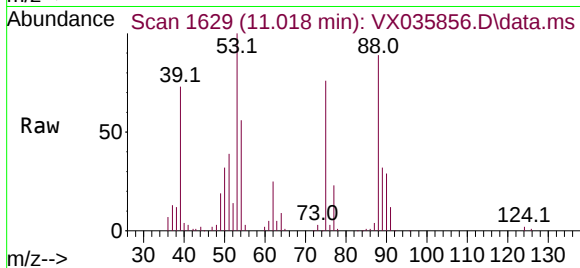
#81
trans-1,4-Dichloro-2-butene
Concen: 15.530 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01

Tgt Ion: 75 Resp: 15397
Ion Ratio Lower Upper
75 100
53 142.9 82.6 124.0
89 42.7 36.9 55.3

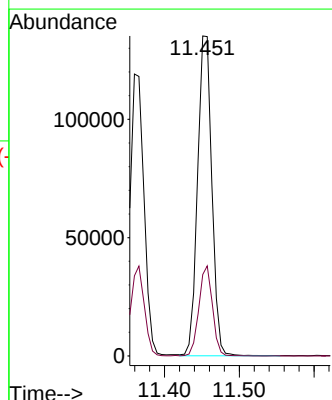
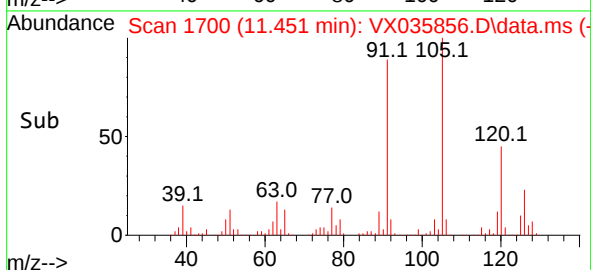
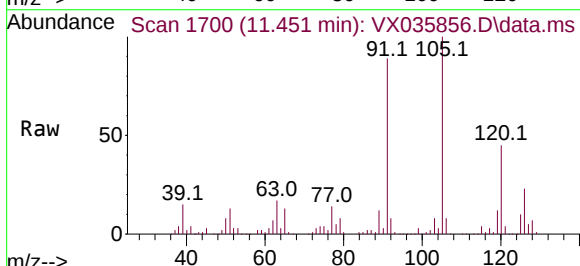
Manual Integrations
APPROVED

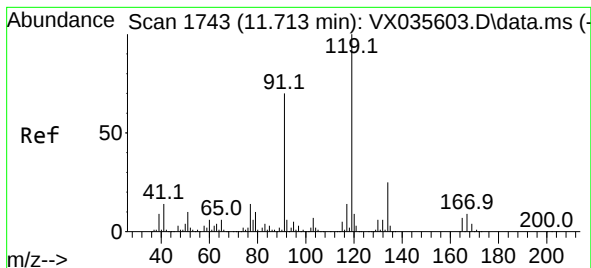
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#82
4-Chlorotoluene
Concen: 19.191 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

Tgt Ion: 91 Resp: 179045
Ion Ratio Lower Upper
91 100
126 26.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 18.449 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035856.D

Acq: 25 May 2023 16:21

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBSD01

Tgt Ion:119 Resp: 167778

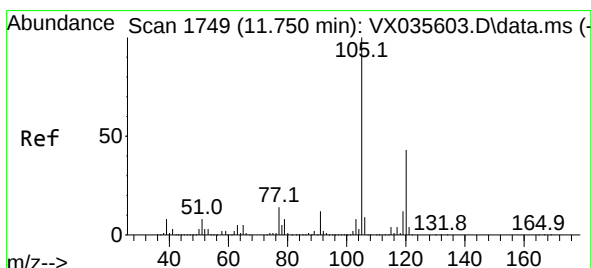
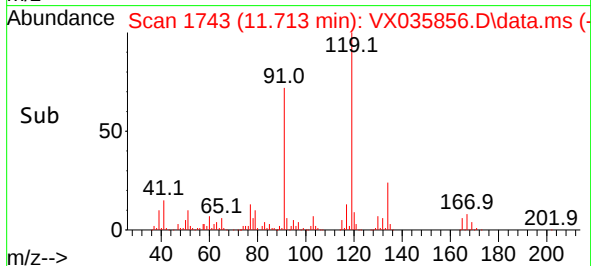
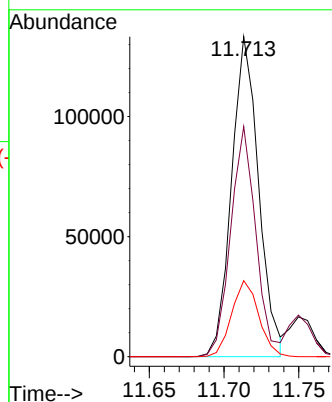
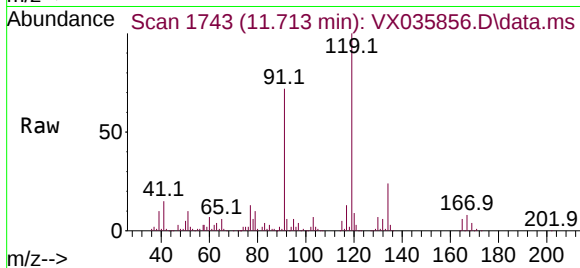
Ion	Ratio	Lower	Upper
119	100		
91	67.1	30.6	92.0
134	23.8	11.8	35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#84

1,2,4-Trimethylbenzene

Concen: 19.173 ug/l

RT: 11.750 min Scan# 1749

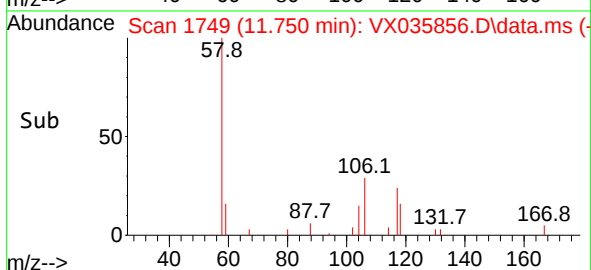
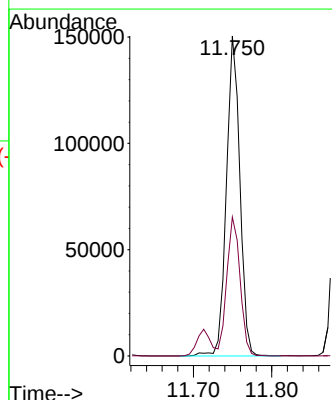
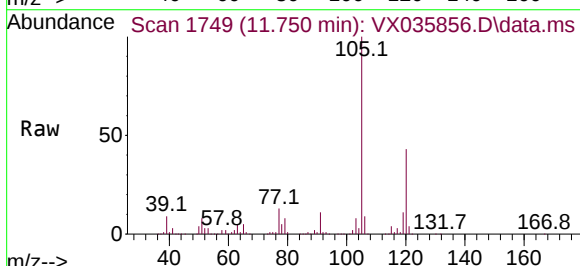
Delta R.T. -0.000 min

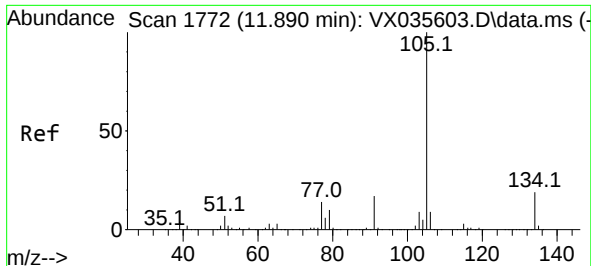
Lab File: VX035856.D

Acq: 25 May 2023 16:21

Tgt Ion:105 Resp: 180109

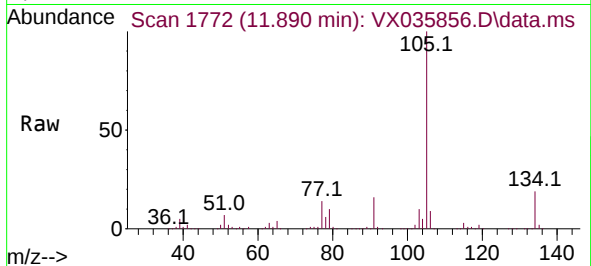
Ion	Ratio	Lower	Upper
105	100		
120	42.6	22.4	67.0





#85
 sec-Butylbenzene
 Concen: 18.977 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX035856.D
 Acq: 25 May 2023 16:21

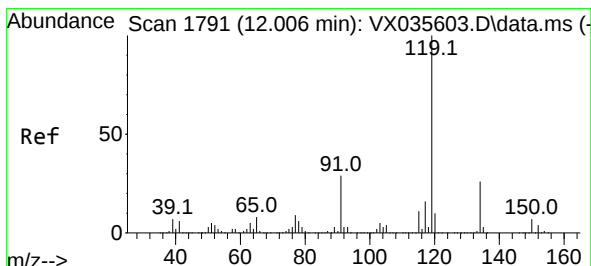
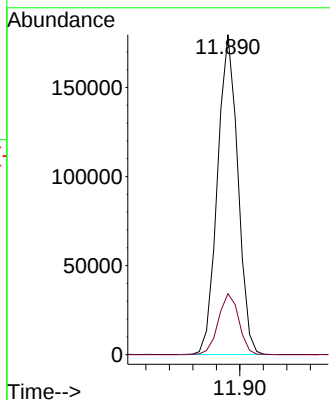
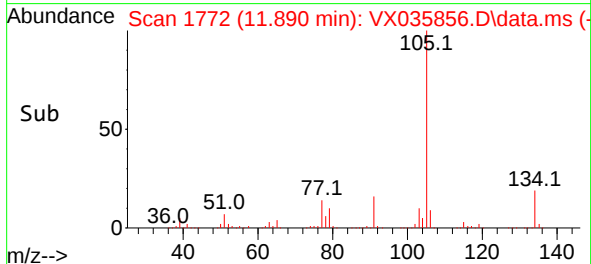
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBSD01



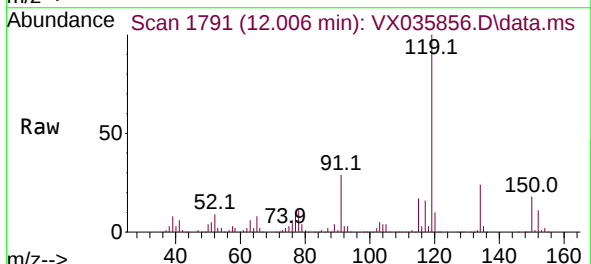
Tgt Ion:105 Resp: 21668
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.2 30.4

Manual Integrations
 APPROVED

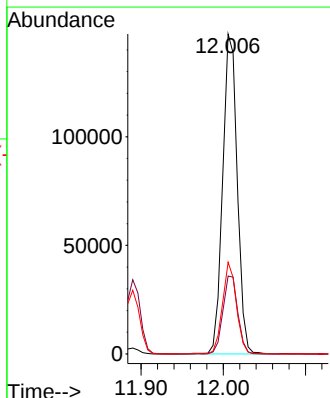
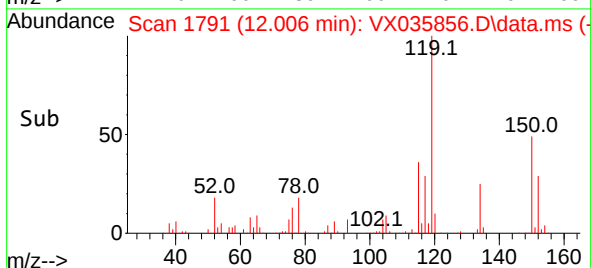
Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

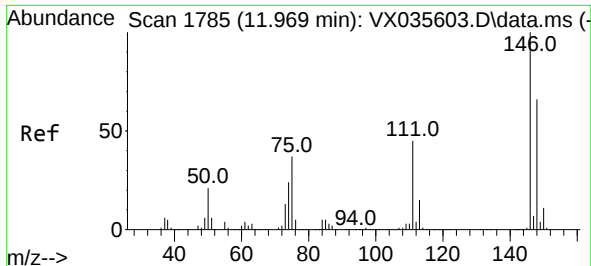


#86
 p-Isopropyltoluene
 Concen: 19.322 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX035856.D
 Acq: 25 May 2023 16:21



Tgt Ion:119 Resp: 181375
 Ion Ratio Lower Upper
 119 100
 134 24.8 13.2 39.5
 91 27.4 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 19.381 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035856.D

Acq: 25 May 2023 16:21

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBSD01

Tgt Ion:146 Resp: 9198

Ion Ratio Lower Upper

146 100

111 43.5 20.9 62.8

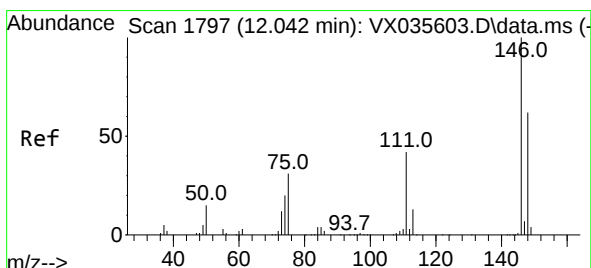
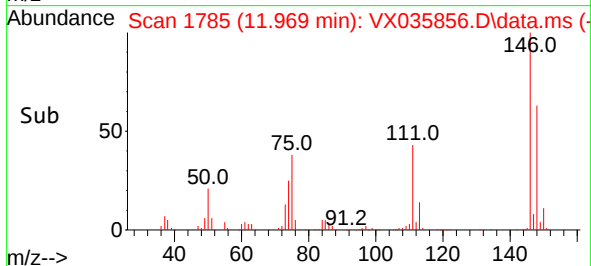
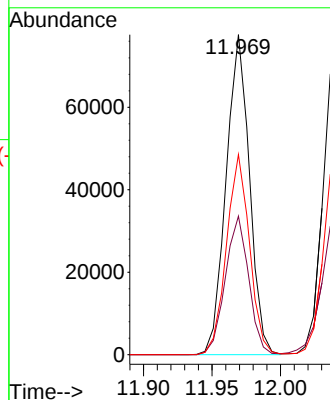
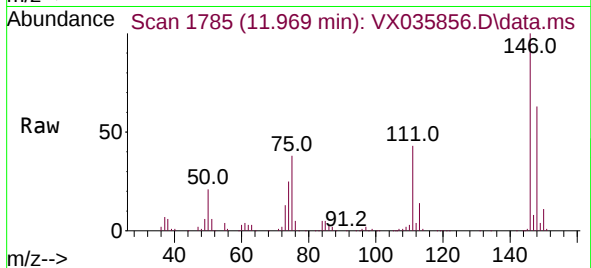
148 61.8 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#88

1,4-Dichlorobenzene

Concen: 19.374 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX035856.D

Acq: 25 May 2023 16:21

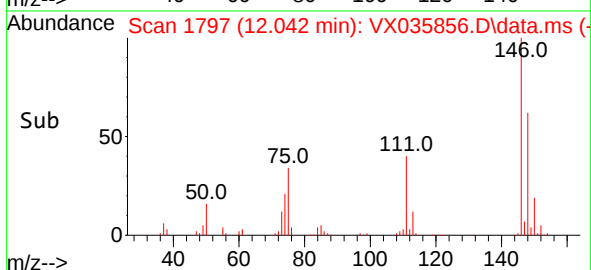
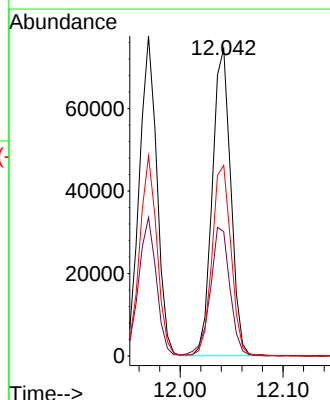
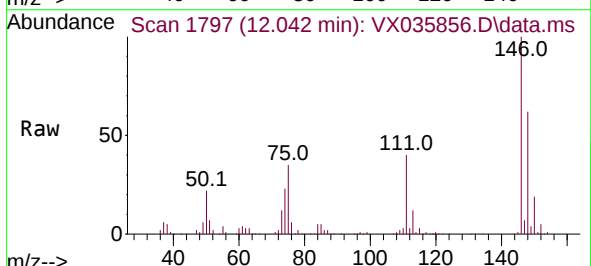
Tgt Ion:146 Resp: 92851

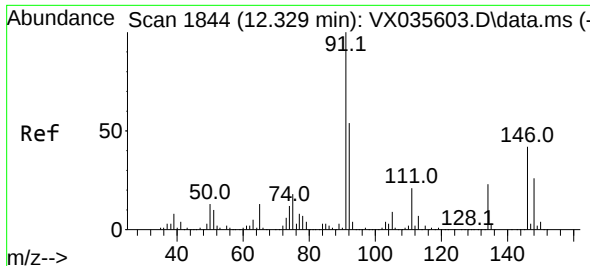
Ion Ratio Lower Upper

146 100

111 44.6 20.6 61.9

148 63.9 31.8 95.4





#89

n-Butylbenzene

Concen: 18.625 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX035856.D

Acq: 25 May 2023 16:21

Instrument :

MSVOA_X

ClientSampleId :

VX0525WBSD01

Tgt Ion: 91 Resp: 15904

Ion Ratio Lower Upper

91 100

92 54.5 27.7 83.0

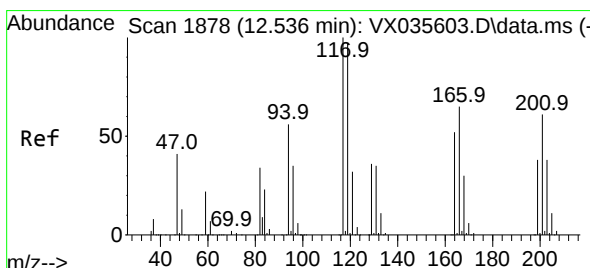
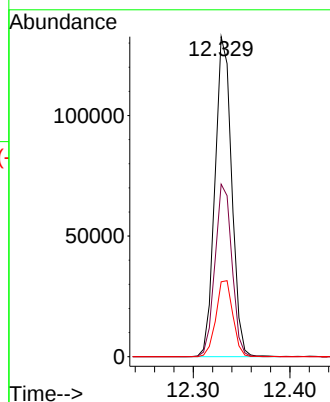
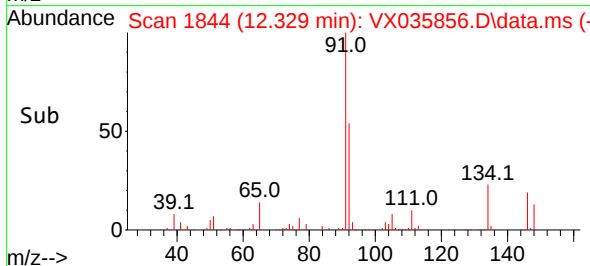
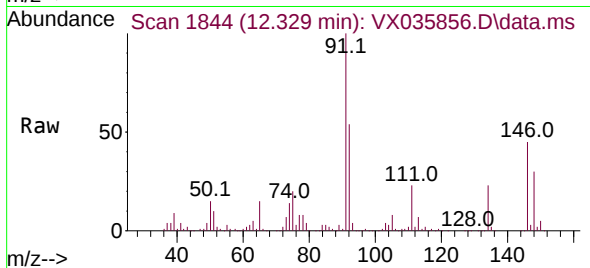
134 24.0 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/26/2023

Supervised By :Mahesh Dadoda 05/26/2023



#90

Hexachloroethane

Concen: 17.527 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035856.D

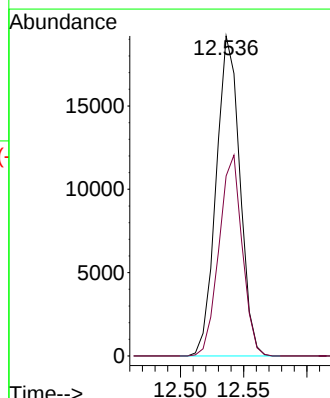
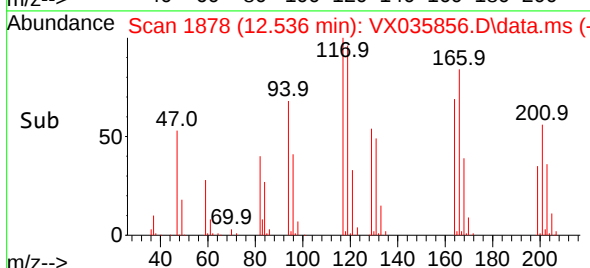
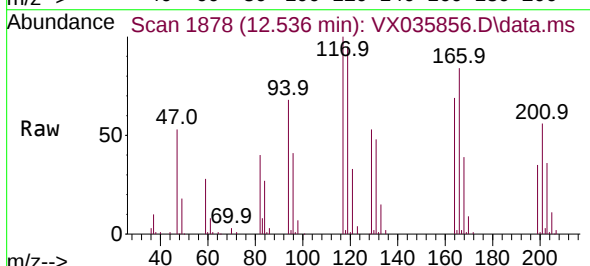
Acq: 25 May 2023 16:21

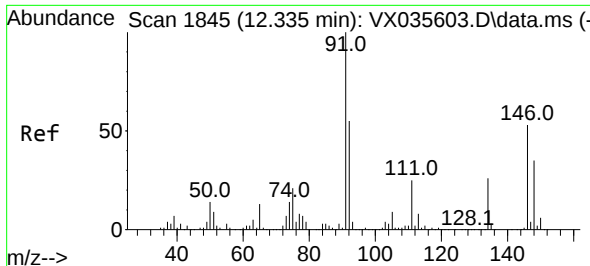
Tgt Ion:117 Resp: 24937

Ion Ratio Lower Upper

117 100

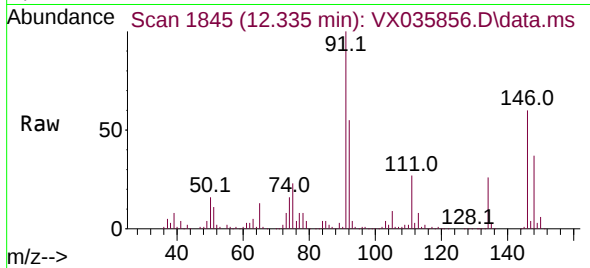
201 61.5 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 19.463 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

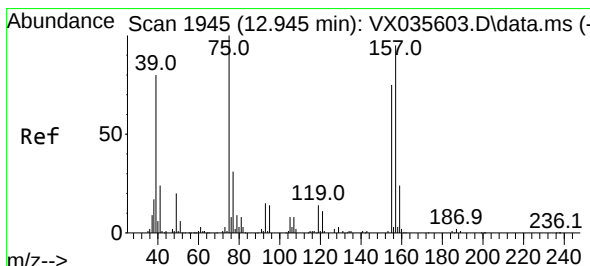
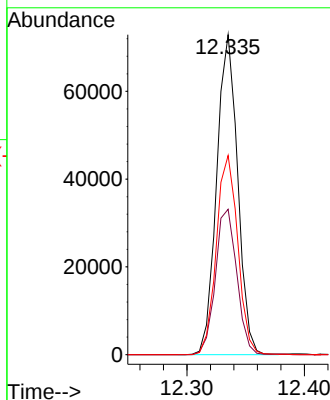
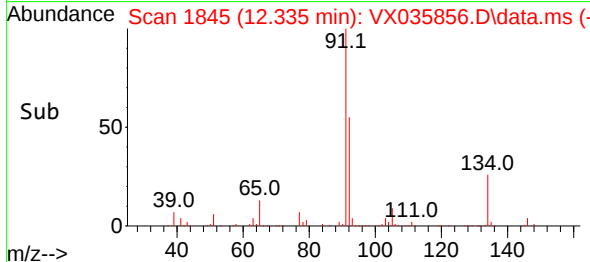
Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01



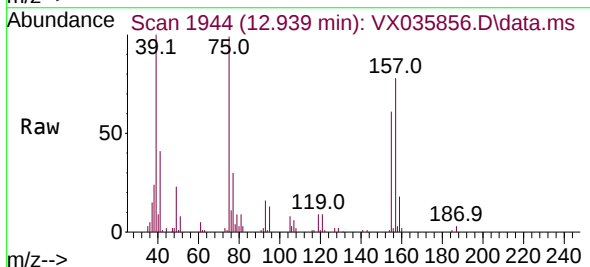
Tgt Ion:146 Resp: 90458
Ion Ratio Lower Upper
146 100
111 46.6 22.0 66.0
148 63.6 32.0 96.0

Manual Integrations
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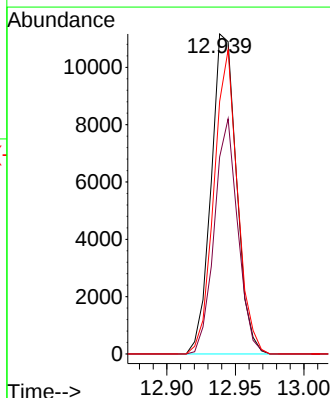
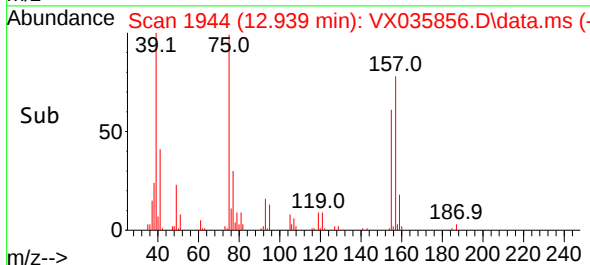
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023

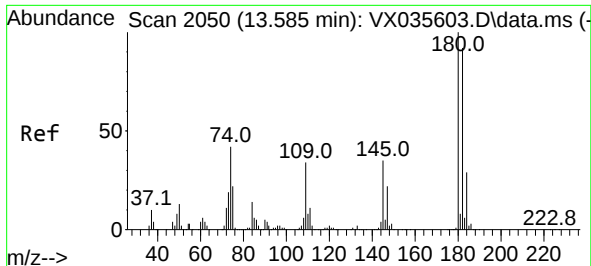


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.035 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21



Tgt Ion: 75 Resp: 14340
Ion Ratio Lower Upper
75 100
155 68.0 38.4 115.1
157 88.5 49.9 149.7





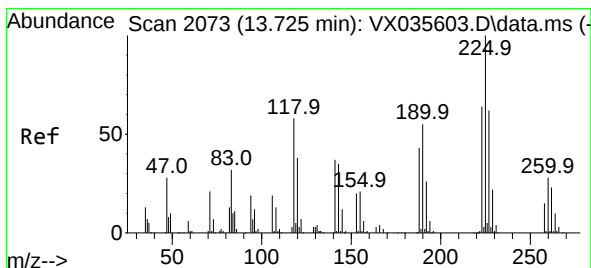
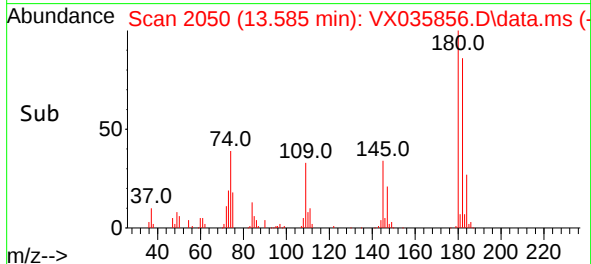
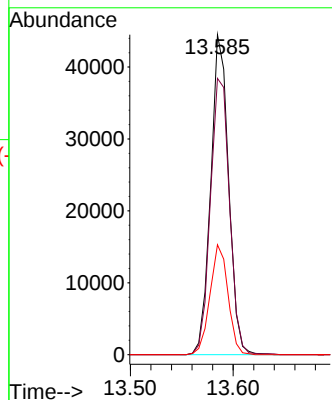
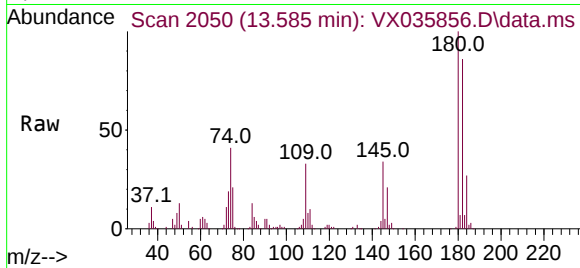
#93
1,2,4-Trichlorobenzene
Concen: 19.238 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01

Tgt Ion:180 Resp: 5383
Ion Ratio Lower Upper
180 100
182 92.2 47.0 141.0
145 34.6 15.9 47.7

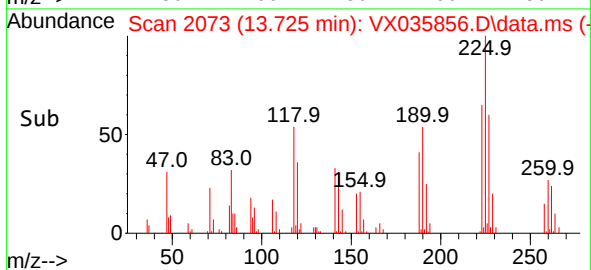
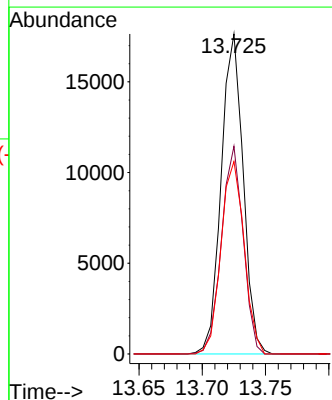
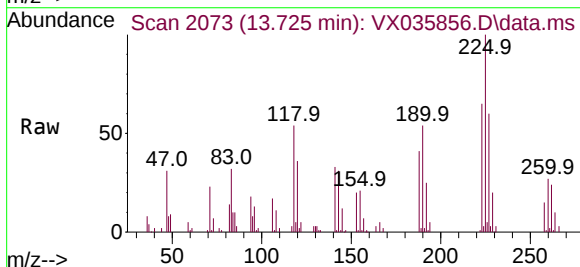
Manual Integrations
APPROVED

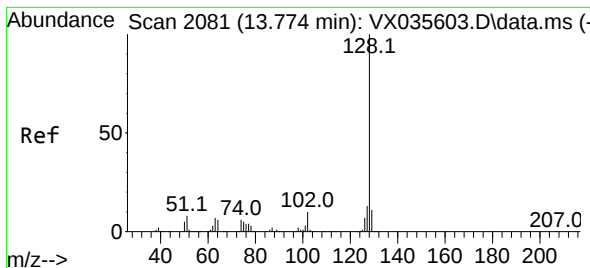
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#94
Hexachlorobutadiene
Concen: 19.148 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

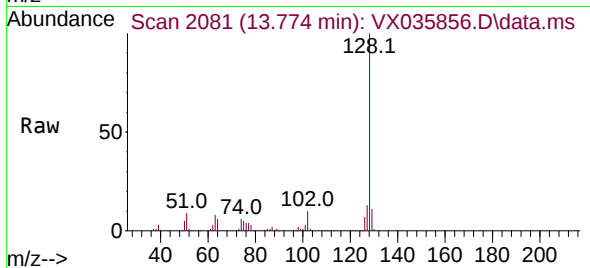
Tgt Ion:225 Resp: 21269
Ion Ratio Lower Upper
225 100
223 63.9 32.1 96.5
227 63.3 31.8 95.4





#95
Naphthalene
Concen: 19.649 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

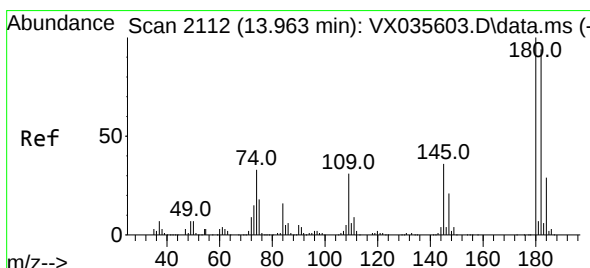
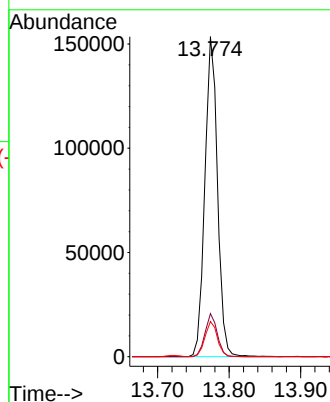
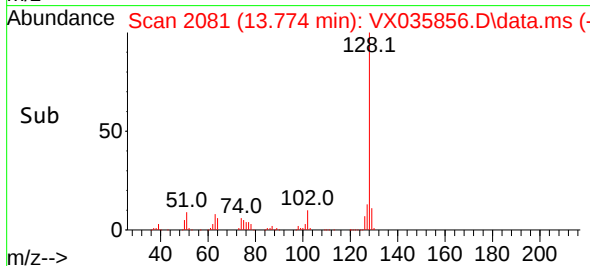
Instrument :
MSVOA_X
ClientSampleId :
VX0525WBSD01



Tgt Ion:128 Resp: 18830
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.984 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035856.D
Acq: 25 May 2023 16:21

Tgt Ion:180 Resp: 52248
Ion Ratio Lower Upper
180 100
182 95.0 48.0 144.2
145 37.9 17.7 53.1

