

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052423\
 Data File : VX035850.D
 Acq On : 24 May 2023 20:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 25 05:38:14 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

Manual Integrations APPROVED

Reviewed By : John Carlone 05/25/2023
 Supervised By : Mahesh Dadoda 05/25/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	184723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	322089	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	289505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141073	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135161	41.942	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	83.880%		
35) Dibromofluoromethane	5.391	113	104478	48.099	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.200%		
50) Toluene-d8	8.647	98	374116	46.622	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.240%		
62) 4-Bromofluorobenzene	11.079	95	147837	45.756	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.520%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	110299	45.817	ug/l	99
3) Chloromethane	1.294	50	119797	41.005	ug/l	98
4) Vinyl Chloride	1.374	62	118919	47.963	ug/l	100
5) Bromomethane	1.617	94	72854	54.255	ug/l	96
6) Chloroethane	1.691	64	73612	48.940	ug/l	100
7) Trichlorofluoromethane	1.886	101	196501	53.901	ug/l	100
8) Diethyl Ether	2.130	74	71603	51.012	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	109328	50.510	ug/l	98
10) Methyl Iodide	2.453	142	124553	64.341	ug/l	97
11) Tert butyl alcohol	3.093	59	149202m	262.427	ug/l	
12) 1,1-Dichloroethene	2.319	96	103906	50.510	ug/l	97
13) Acrolein	2.245	56	238507	353.452	ug/l	100
14) Allyl chloride	2.666	41	207829	47.158	ug/l	98
15) Acrylonitrile	3.075	53	366023	292.361	ug/l	99
16) Acetone	2.404	43	333789	240.995	ug/l	97
17) Carbon Disulfide	2.514	76	230571	46.442	ug/l	99
18) Methyl Acetate	2.709	43	311026	60.889	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	401371	49.031	ug/l	99
20) Methylene Chloride	2.788	84	130054	51.810	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	114668	50.870	ug/l	95
22) Diisopropyl ether	3.757	45	434674	50.375	ug/l	100
23) Vinyl Acetate	3.721	43	1554510	254.611	ug/l	98
24) 1,1-Dichloroethane	3.611	63	228812	49.582	ug/l	99
25) 2-Butanone	4.574	43	539903	281.590	ug/l	98
26) 2,2-Dichloropropane	4.477	77	158348	40.519	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	136611	50.415	ug/l	99
28) Bromochloromethane	4.897	49	102666	49.460	ug/l	99
29) Tetrahydrofuran	5.019	42	351050	291.300	ug/l	98
30) Chloroform	5.092	83	231268	48.905	ug/l	99
31) Cyclohexane	5.470	56	196323	48.219	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	195405	47.492	ug/l	100
36) 1,1-Dichloropropene	5.690	75	167639	48.893	ug/l	99
37) Ethyl Acetate	4.714	43	201046	56.218	ug/l	99
38) Carbon Tetrachloride	5.678	117	159731	49.179	ug/l	97
39) Methylcyclohexane	7.379	83	196867	48.778	ug/l	96
40) Benzene	6.037	78	493575	51.458	ug/l	100

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Manual Integrations
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 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	4.922	41	113846	53.617	ug/l	98
42) 1,2-Dichloroethane	6.086	62	192383	46.626	ug/l	98
43) Isopropyl Acetate	6.342	43	328525	52.681	ug/l	99
44) Trichloroethene	7.123	130	126774	52.125	ug/l	99
45) 1,2-Dichloropropane	7.427	63	131620	51.812	ug/l	99
46) Dibromomethane	7.580	93	90073	51.799	ug/l	98
47) Bromodichloromethane	7.818	83	168003	49.986	ug/l	97
48) Methyl methacrylate	7.696	41	160734	52.227	ug/l	99
49) 1,4-Dioxane	7.750	88	69493	1129.095	ug/l #	80
51) 4-Methyl-2-Pentanone	8.574	43	1047813	291.654	ug/l	98
52) Toluene	8.720	92	310004	51.201	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	183824	50.341	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	202296	51.708	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	128055	53.848	ug/l	98
56) Ethyl methacrylate	9.116	69	207384	53.851	ug/l	98
57) 1,3-Dichloropropane	9.311	76	222249	51.554	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	513553	262.136	ug/l	100
59) 2-Hexanone	9.433	43	796190	294.273	ug/l	99
60) Dibromochloromethane	9.518	129	122680	54.120	ug/l	100
61) 1,2-Dibromoethane	9.610	107	135986	54.275	ug/l	100
64) Tetrachloroethene	9.275	164	101857	52.259	ug/l	96
65) Chlorobenzene	10.079	112	329983	52.216	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	117104	52.406	ug/l	98
67) Ethyl Benzene	10.195	91	598459	50.352	ug/l	98
68) m/p-Xylenes	10.299	106	449672	102.355	ug/l	99
69) o-Xylene	10.640	106	222727	51.090	ug/l	99
70) Styrene	10.652	104	374814	53.346	ug/l	98
71) Bromoform	10.799	173	81786	55.627	ug/l #	100
73) Isopropylbenzene	10.963	105	587437	49.416	ug/l	99
74) N-amyl acetate	10.841	43	287544	51.879	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	204357	52.994	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	192760m	55.861	ug/l	
77) Bromobenzene	11.195	156	135035	50.047	ug/l	98
78) n-propylbenzene	11.305	91	696979	49.877	ug/l	100
79) 2-Chlorotoluene	11.366	91	413951	47.315	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	488113	48.311	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	55285	51.635	ug/l	93
82) 4-Chlorotoluene	11.451	91	471428	46.789	ug/l	99
83) tert-Butylbenzene	11.713	119	481663	49.044	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	500939	49.379	ug/l	99
85) sec-Butylbenzene	11.890	105	609483	49.427	ug/l	99
86) p-Isopropyltoluene	12.006	119	503040	49.621	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	262607	51.234	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	264517	51.107	ug/l	100
89) n-Butylbenzene	12.329	91	452688	49.088	ug/l	98
90) Hexachloroethane	12.536	117	81120	52.794	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	258492	51.500	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	42534	49.533	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	158311	52.383	ug/l	98
94) Hexachlorobutadiene	13.725	225	61430	51.210	ug/l	99
95) Naphthalene	13.774	128	558364	53.950	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	154105	51.847	ug/l	99

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VSTDCCC050EC

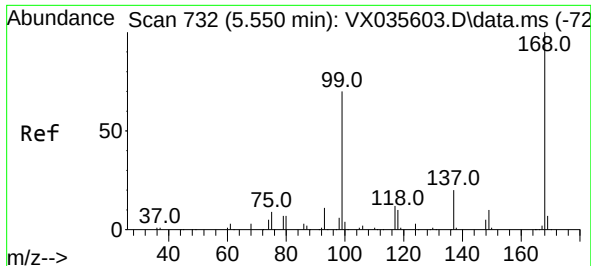
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/25/2023

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QLast Update : Thu May 11 13:57:54 2023
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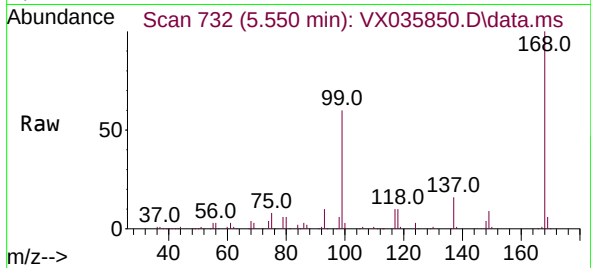
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035850.D
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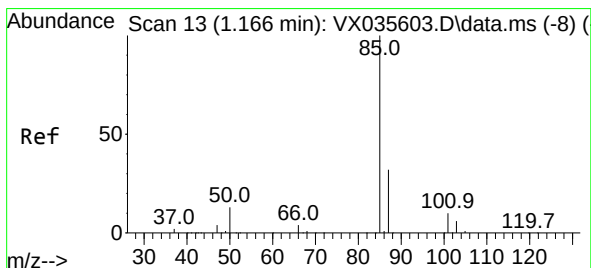
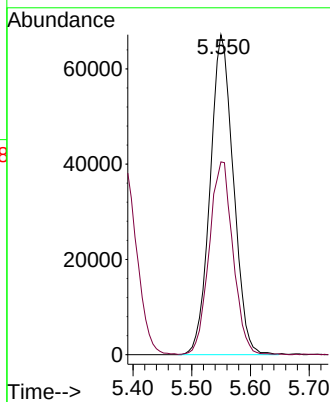
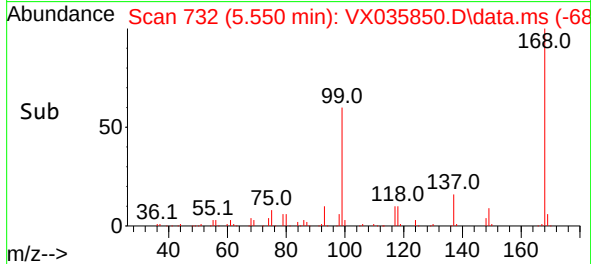
Instrument :
MSVOA_X
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VSTDCCC050EC



Tgt Ion:168 Resp: 18472
Ion Ratio Lower Upper
168 100
99 60.2 45.7 68.5

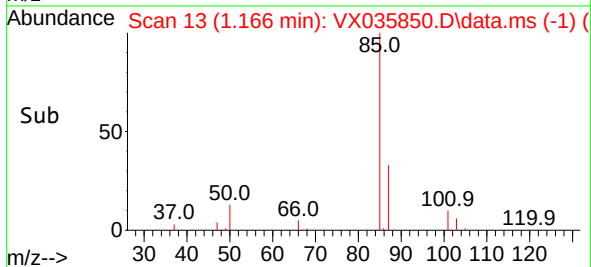
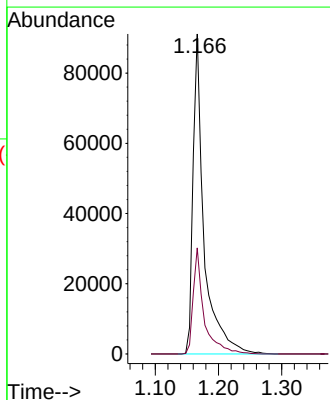
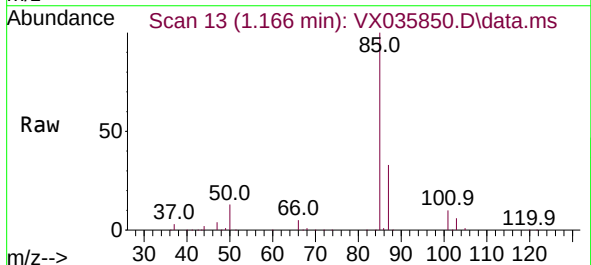
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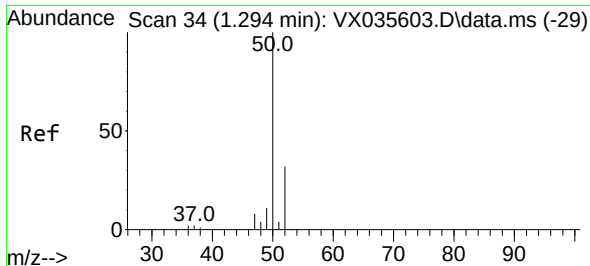
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#2
Dichlorodifluoromethane
Concen: 45.817 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

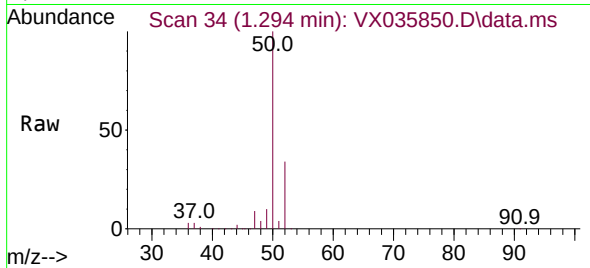
Tgt Ion: 85 Resp: 110299
Ion Ratio Lower Upper
85 100
87 33.1 16.4 49.1





#3
Chloromethane
Concen: 41.005 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

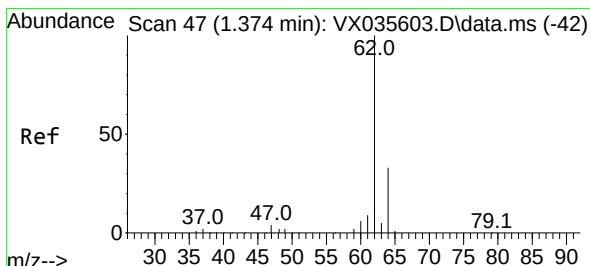
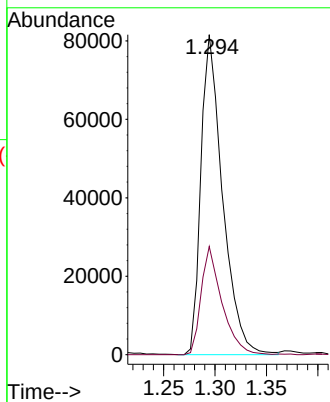
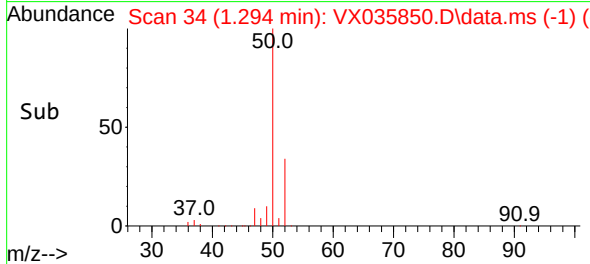
Instrument :
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Tgt Ion: 50 Resp: 11979
Ion Ratio Lower Upper
50 100
52 33.8 25.9 38.9

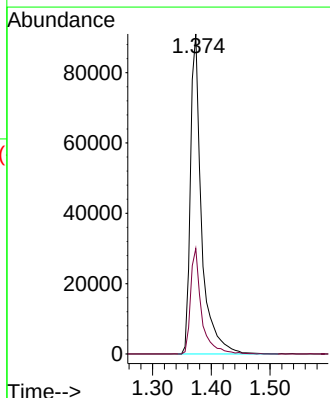
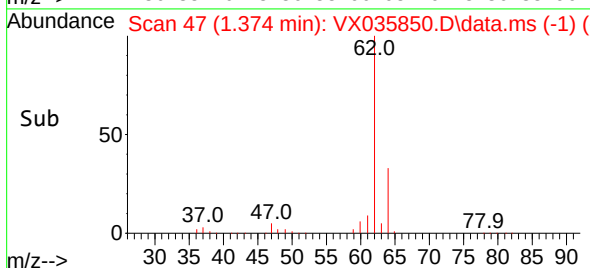
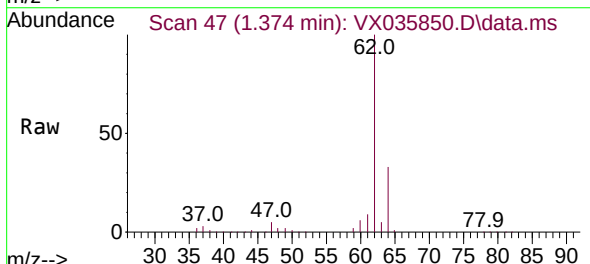
Manual Integrations
APPROVED

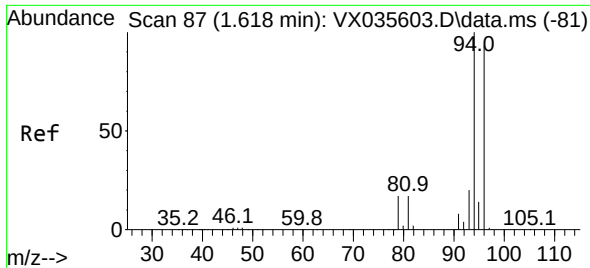
Reviewed By :John Carlone 05/25/2023
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#4
Vinyl Chloride
Concen: 47.963 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

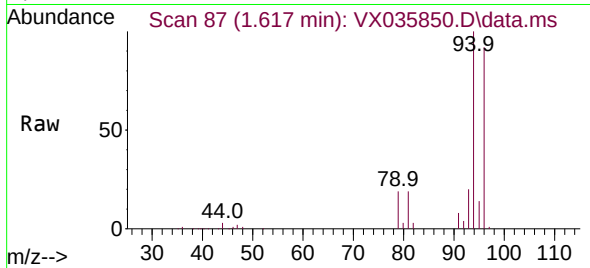
Tgt Ion: 62 Resp: 118919
Ion Ratio Lower Upper
62 100
64 32.9 26.4 39.6





#5
Bromomethane
Concen: 54.255 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.001 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

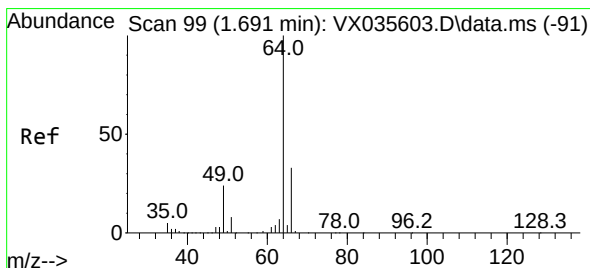
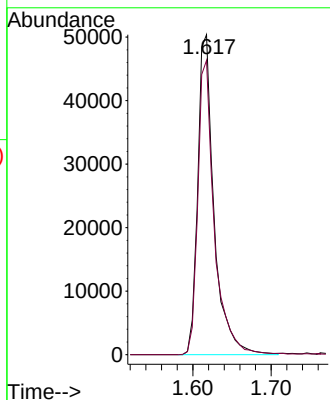
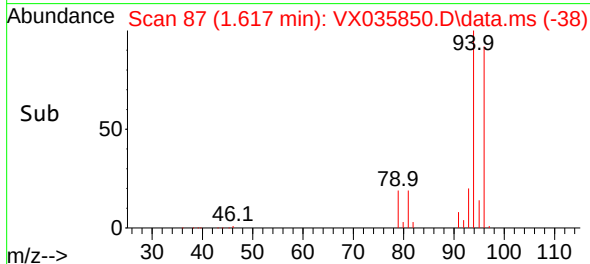
Instrument :
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Tgt Ion: 94 Resp: 72854
Ion Ratio Lower Upper
94 100
96 91.9 77.0 115.6

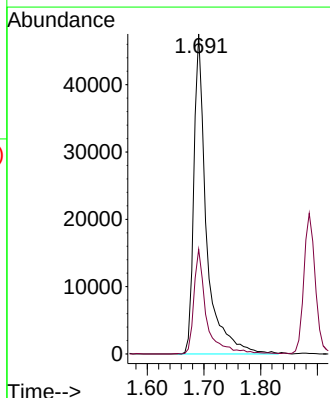
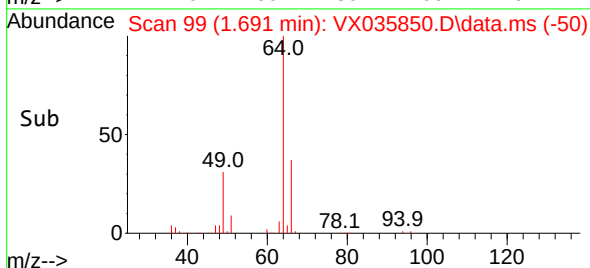
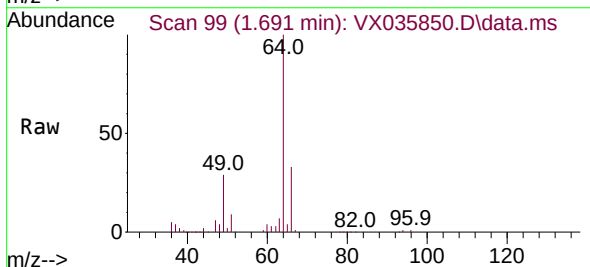
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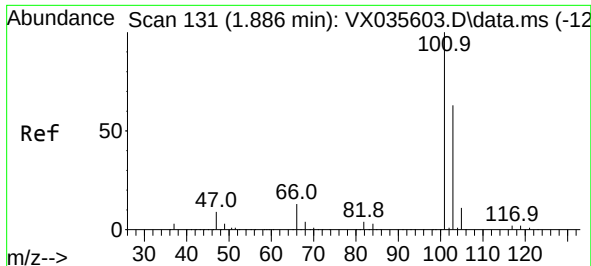
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#6
Chloroethane
Concen: 48.940 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

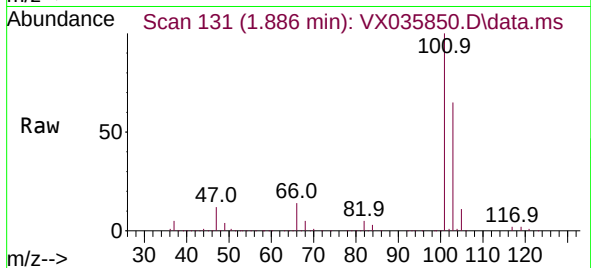
Tgt Ion: 64 Resp: 73612
Ion Ratio Lower Upper
64 100
66 32.5 26.2 39.4





#7
Trichlorofluoromethane
Concen: 53.901 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

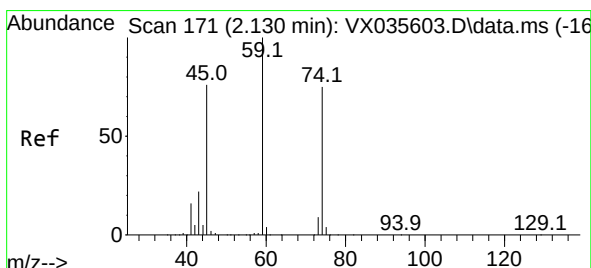
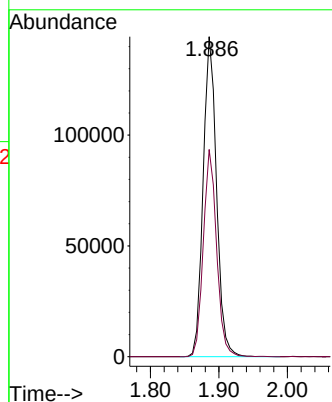
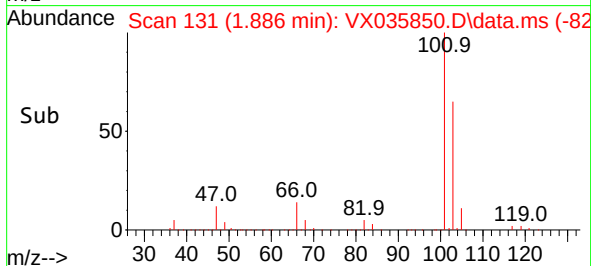
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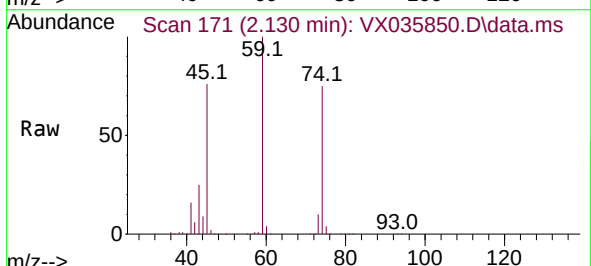
Tgt Ion:101 Resp: 19650
Ion Ratio Lower Upper
101 100
103 64.8 52.0 78.0

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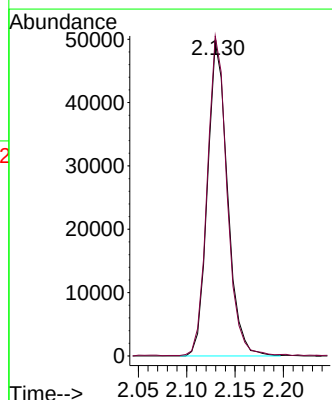
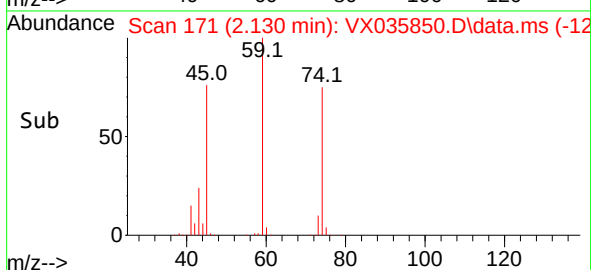
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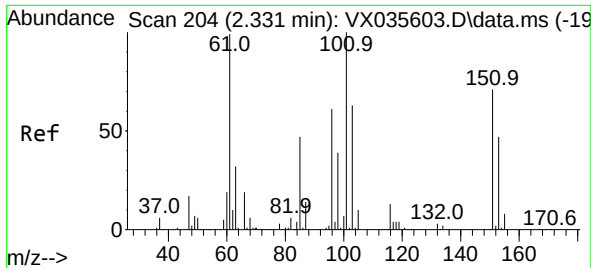


#8
Diethyl Ether
Concen: 51.012 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 71603
Ion Ratio Lower Upper
74 100
45 100.6 49.8 149.3





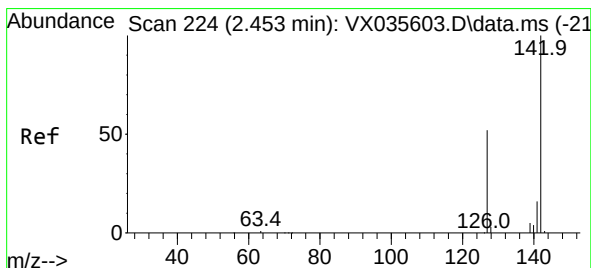
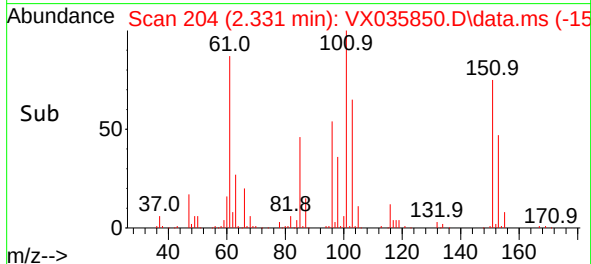
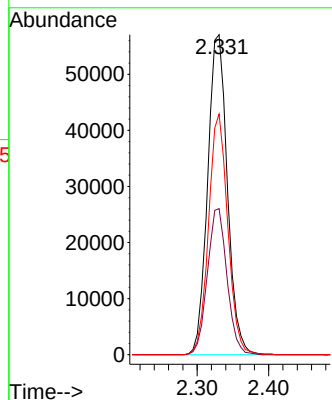
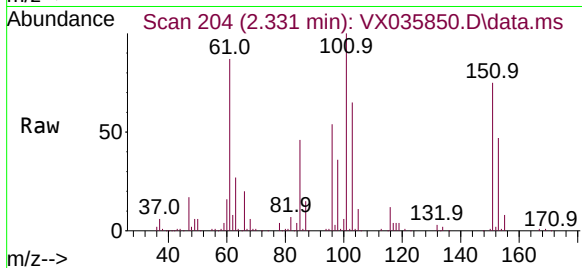
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.510 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX035850.D
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ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 109328
Ion Ratio Lower Upper
101 100
85 45.4 35.4 53.2
151 73.2 60.2 90.4

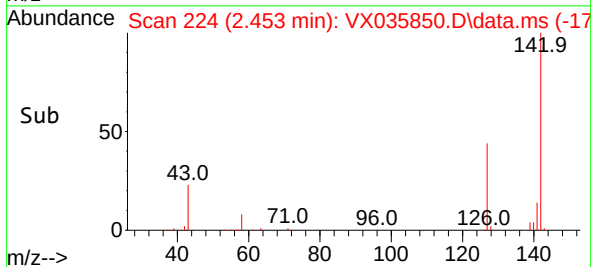
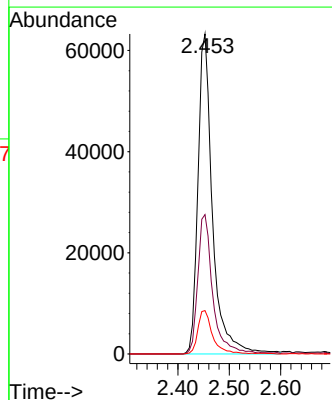
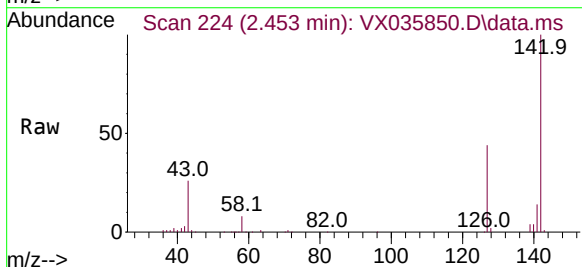
Manual Integrations
APPROVED

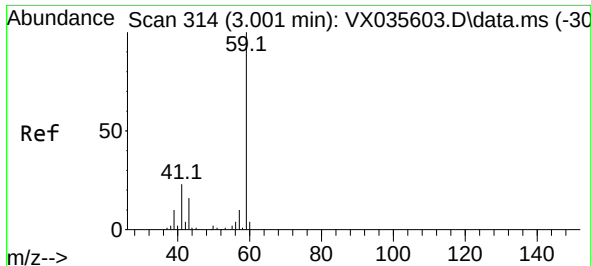
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#10
Methyl Iodide
Concen: 64.341 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

Tgt Ion:142 Resp: 124553
Ion Ratio Lower Upper
142 100
127 45.0 34.0 51.0
141 13.7 11.1 16.7





#11

Tert butyl alcohol

Concen: 262.427 ug/l m

RT: 3.093 min Scan# 314

Delta R.T. 0.092 min

Lab File: VX035850.D

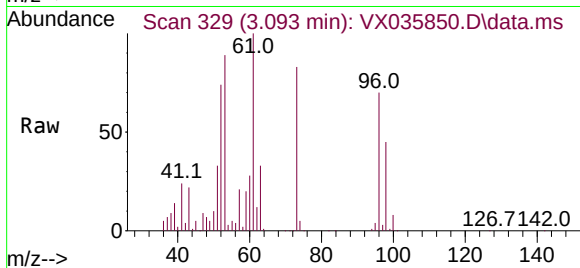
Acq: 24 May 2023 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 59 Resp: 14920

Ion Ratio Lower Upper

59 100

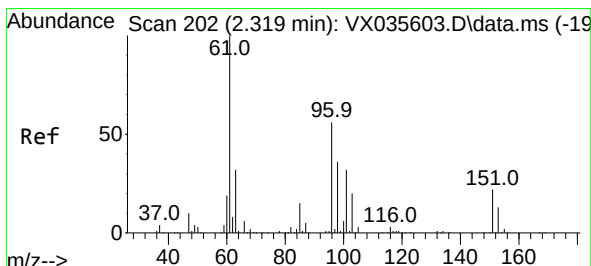
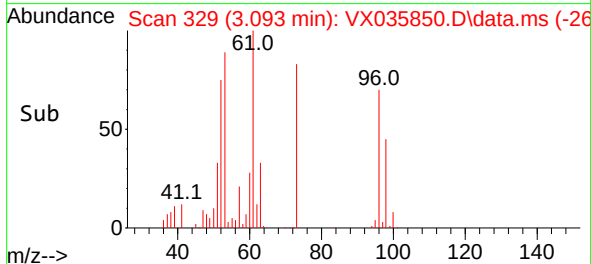
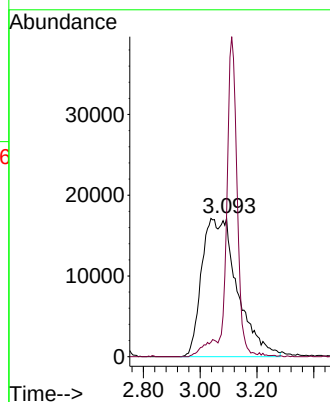
57 5.1 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#12

1,1-Dichloroethene

Concen: 50.510 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX035850.D

Acq: 24 May 2023 20:41

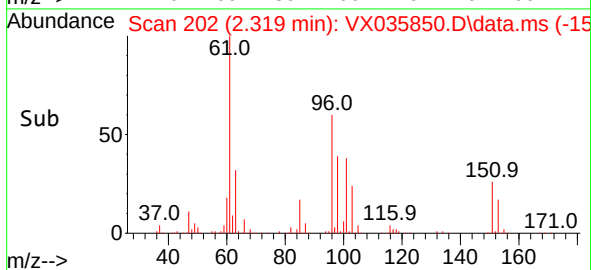
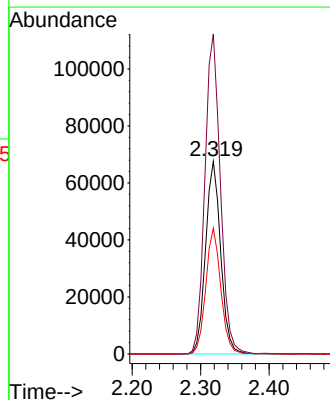
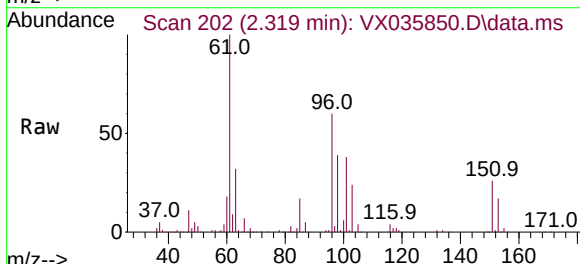
Tgt Ion: 96 Resp: 103906

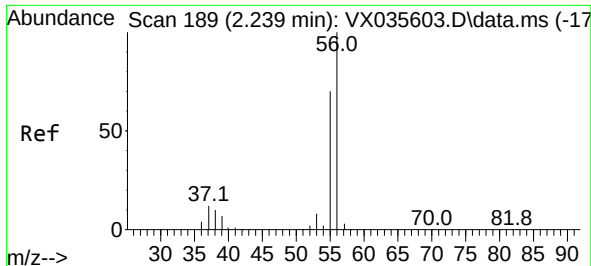
Ion Ratio Lower Upper

96 100

61 166.1 128.8 193.2

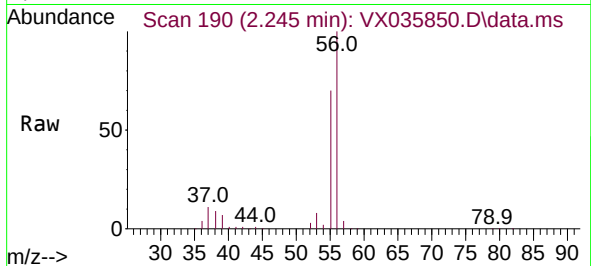
98 65.3 51.4 77.0





#13
Acrolein
Concen: 353.452 ug/l
RT: 2.245 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

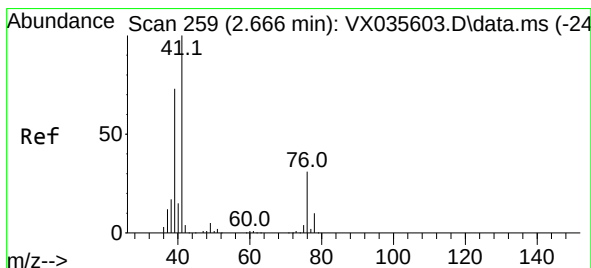
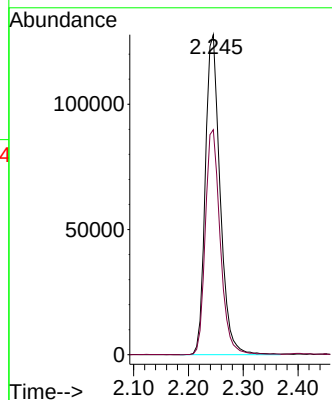
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 238507
Ion Ratio Lower Upper
56 100
55 70.9 56.6 85.0

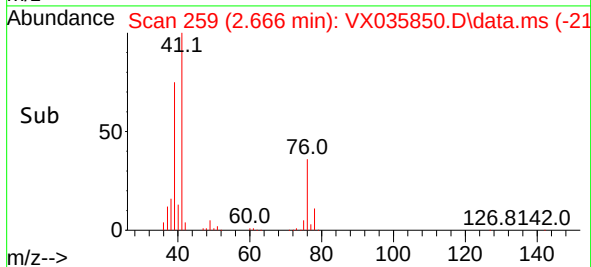
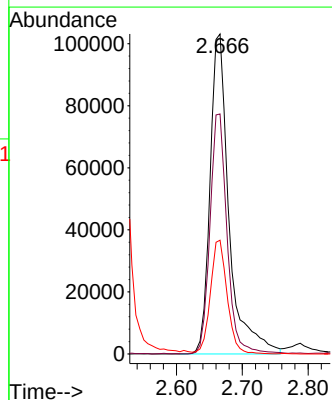
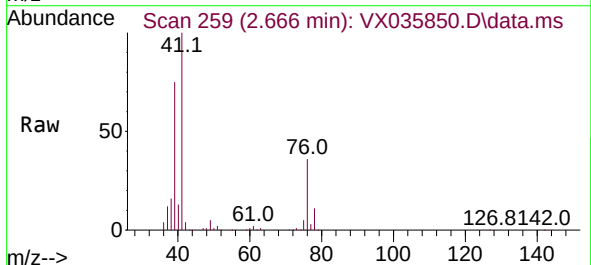
Manual Integrations
APPROVED

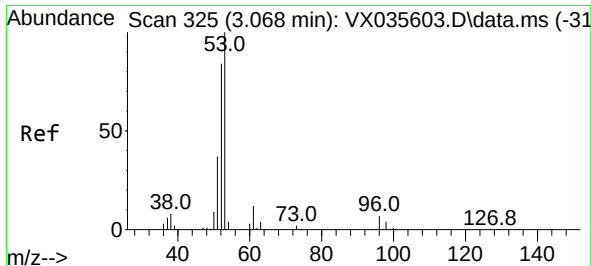
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#14
Allyl chloride
Concen: 47.158 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

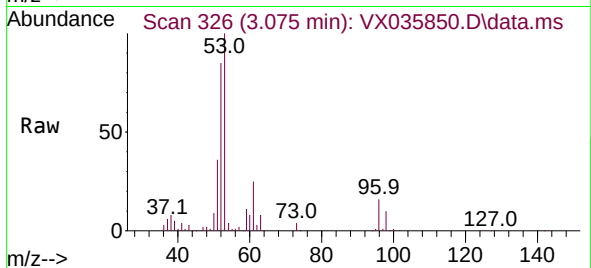
Tgt Ion: 41 Resp: 207829
Ion Ratio Lower Upper
41 100
39 67.6 52.4 78.6
76 31.3 26.0 39.0





#15
Acrylonitrile
Concen: 292.361 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

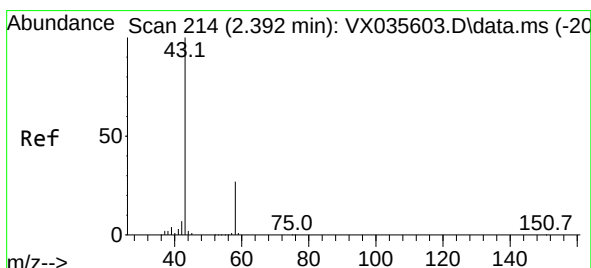
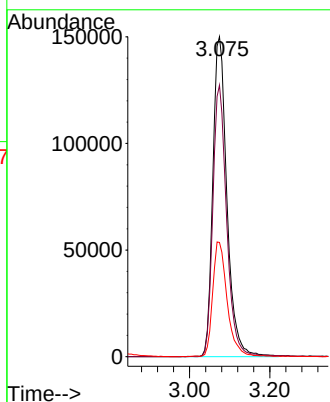
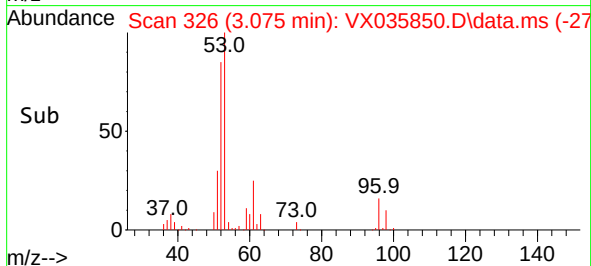
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 366023
Ion Ratio Lower Upper
53 100
52 82.8 66.2 99.2
51 36.4 28.3 42.5

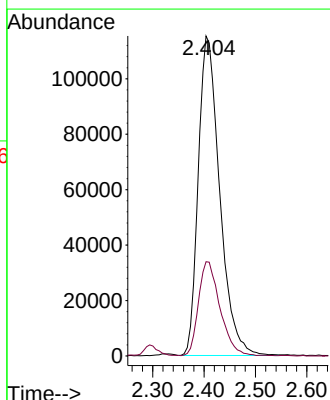
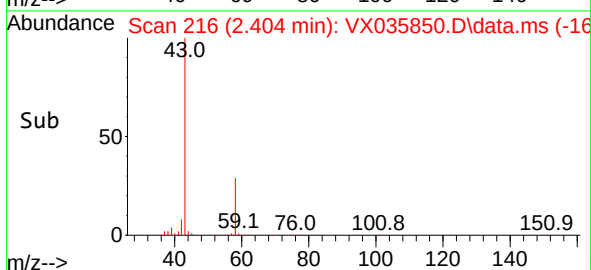
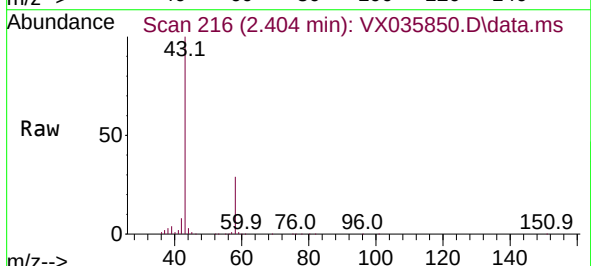
Manual Integrations
APPROVED

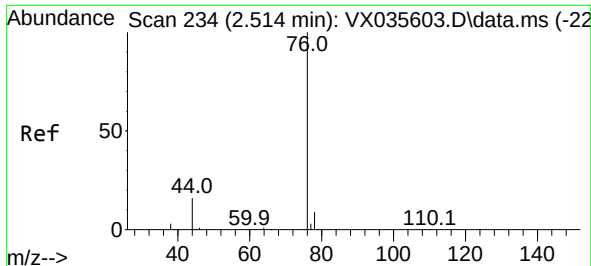
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#16
Acetone
Concen: 240.995 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.012 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

Tgt Ion: 43 Resp: 333789
Ion Ratio Lower Upper
43 100
58 29.4 24.7 37.1





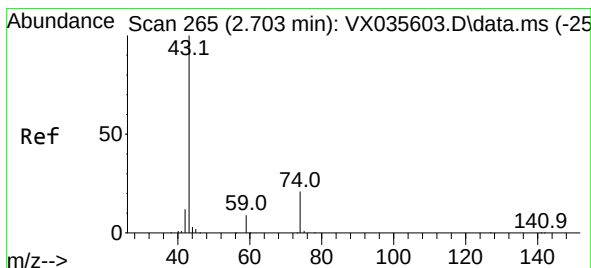
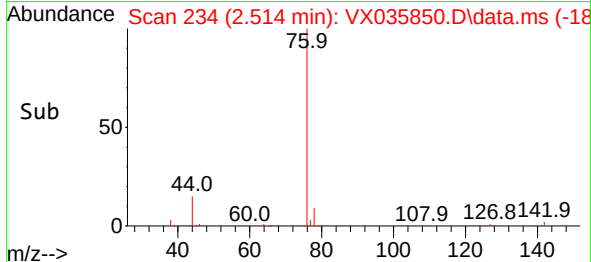
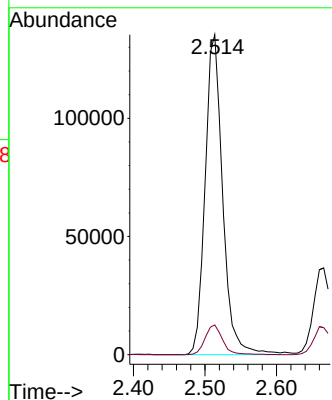
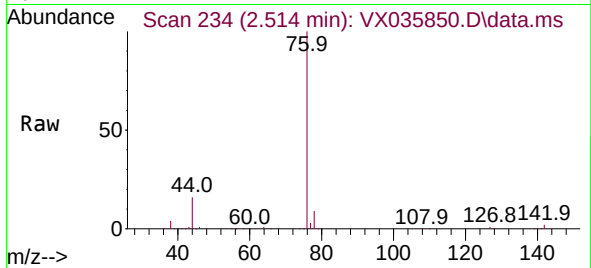
#17
Carbon Disulfide
Concen: 46.442 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 23057
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

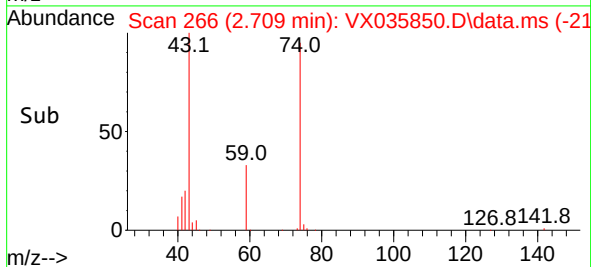
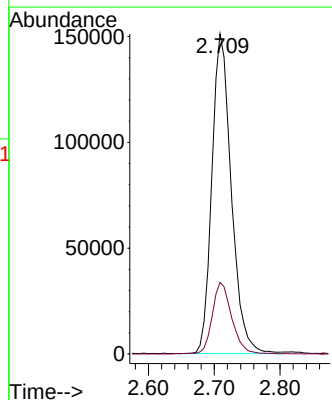
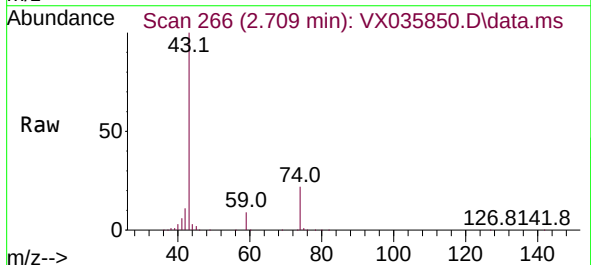
Manual Integrations
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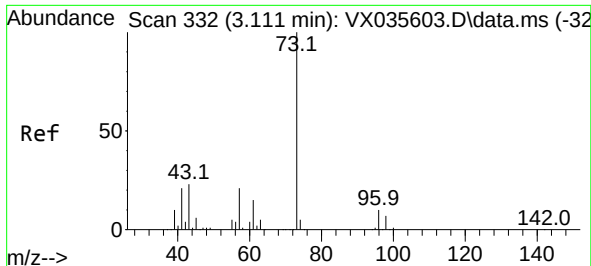
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#18
Methyl Acetate
Concen: 60.889 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

Tgt Ion: 43 Resp: 311026
Ion Ratio Lower Upper
43 100
74 22.5 18.3 27.5





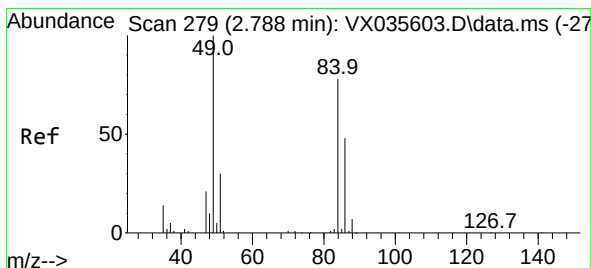
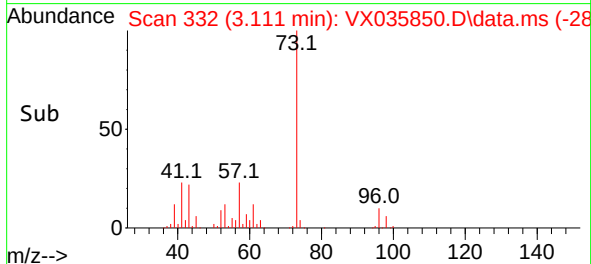
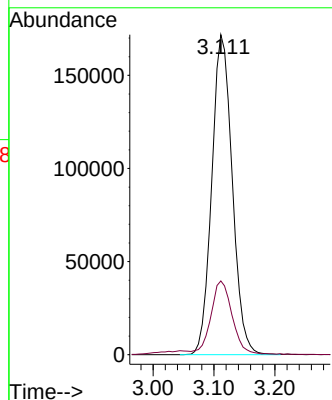
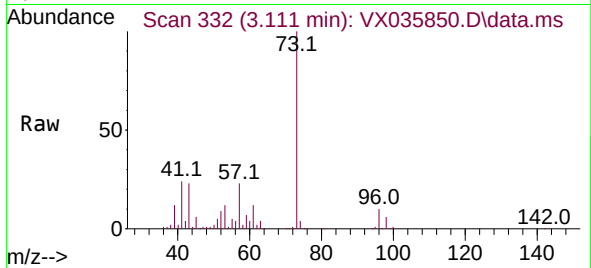
#19
Methyl tert-butyl Ether
Concen: 49.031 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 40137
Ion Ratio Lower Upper
73 100
57 22.8 18.5 27.7

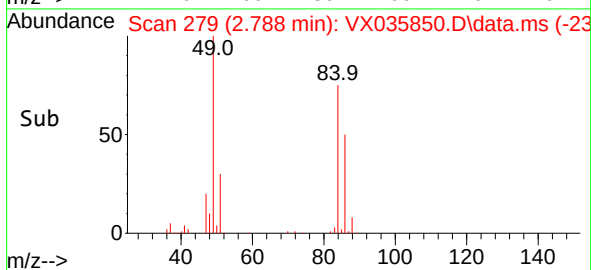
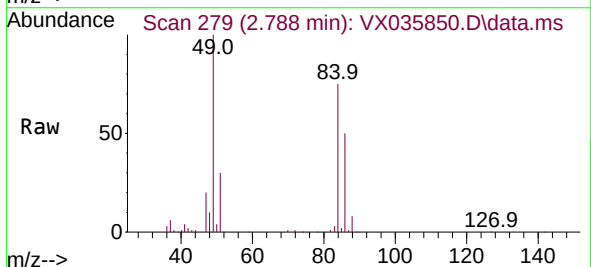
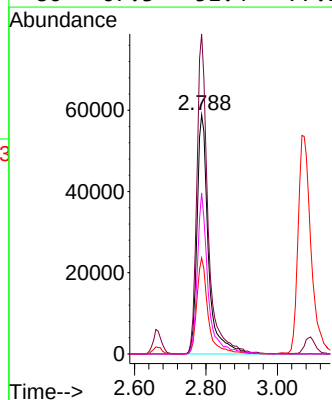
Manual Integrations
APPROVED

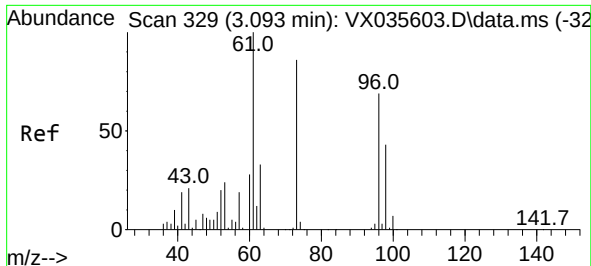
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#20
Methylene Chloride
Concen: 51.810 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

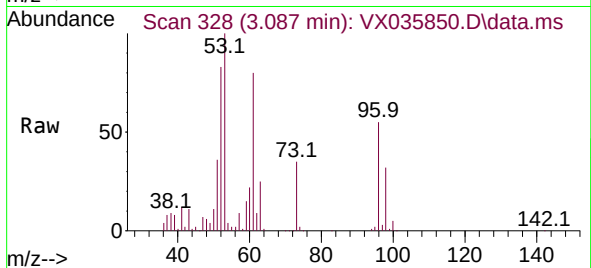
Tgt Ion: 84 Resp: 130054
Ion Ratio Lower Upper
84 100
49 133.9 103.8 155.8
51 40.2 31.8 47.8
86 67.3 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 50.870 ug/l
RT: 3.087 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

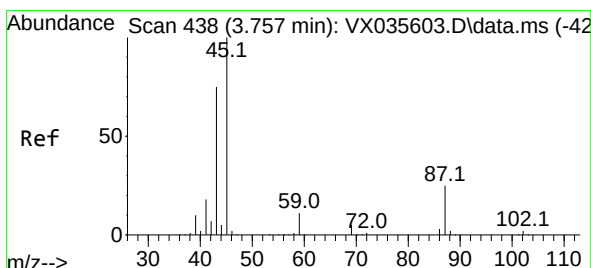
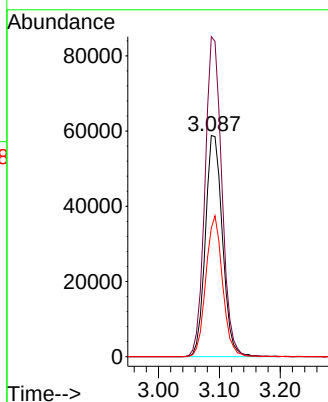
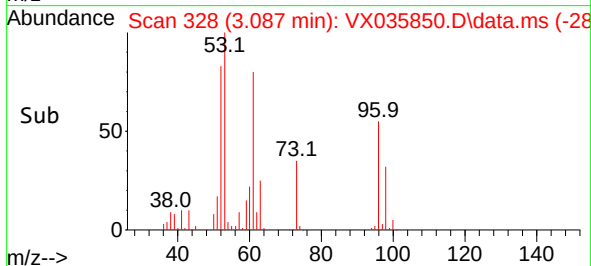
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 114668
Ion Ratio Lower Upper
96 100
61 144.8 113.0 169.6
98 58.2 52.1 78.1

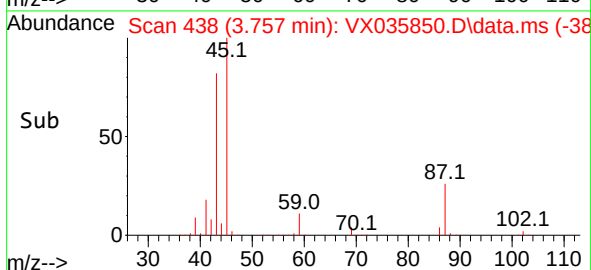
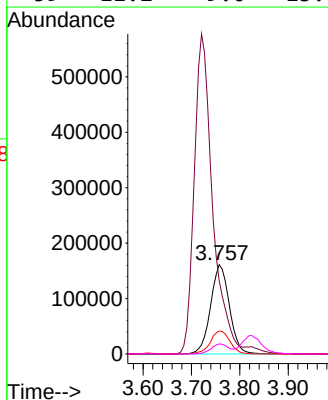
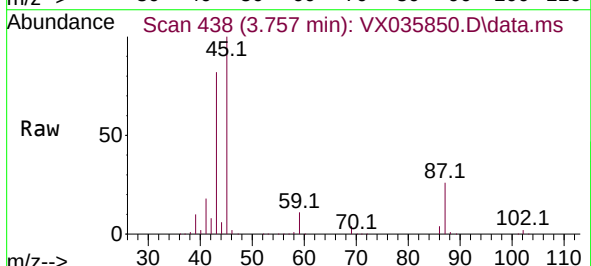
Manual Integrations
APPROVED

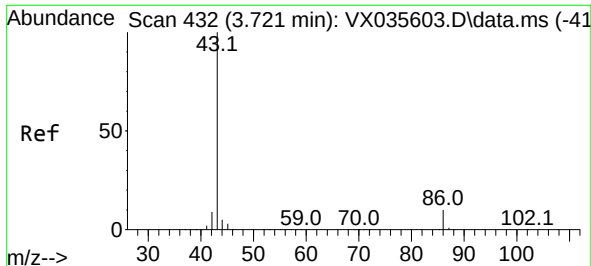
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#22
Diisopropyl ether
Concen: 50.375 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

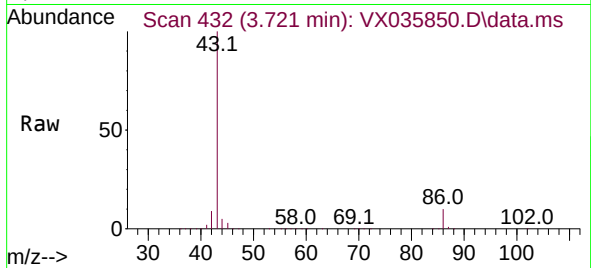
Tgt Ion: 45 Resp: 434674
Ion Ratio Lower Upper
45 100
43 81.9 65.4 98.2
87 25.7 20.6 31.0
59 11.2 9.0 13.6





#23
 Vinyl Acetate
 Concen: 254.611 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX035850.D
 Acq: 24 May 2023 20:41

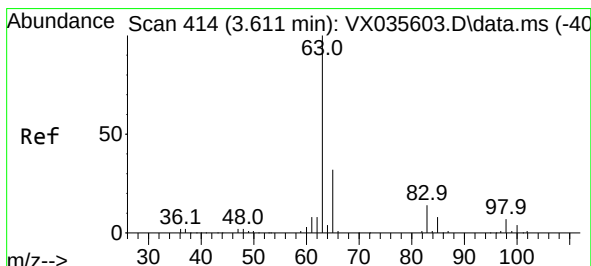
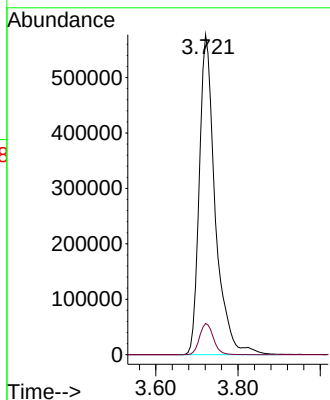
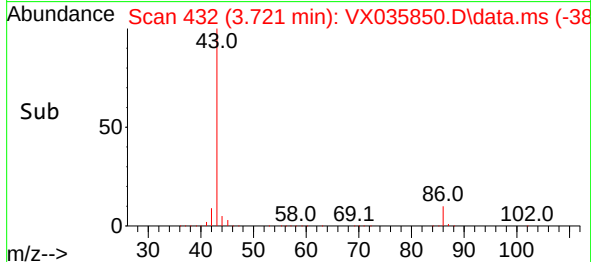
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



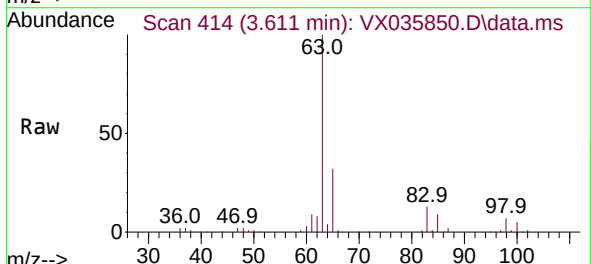
Tgt Ion: 43 Resp: 1554510
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.5 12.7

Manual Integrations
 APPROVED

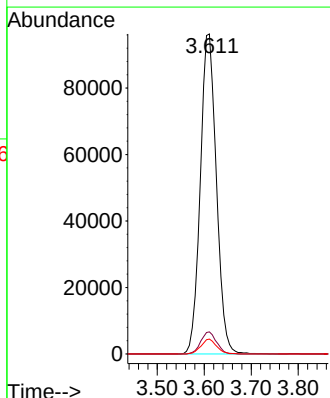
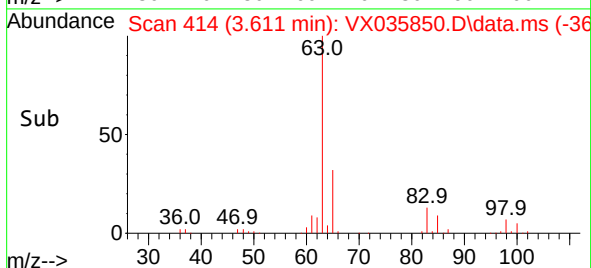
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023

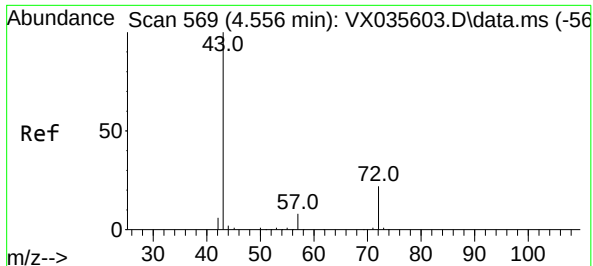


#24
 1,1-Dichloroethane
 Concen: 49.582 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX035850.D
 Acq: 24 May 2023 20:41



Tgt Ion: 63 Resp: 228812
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.2
 100 4.7 2.4 7.1





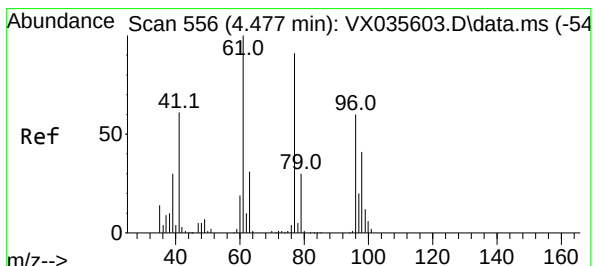
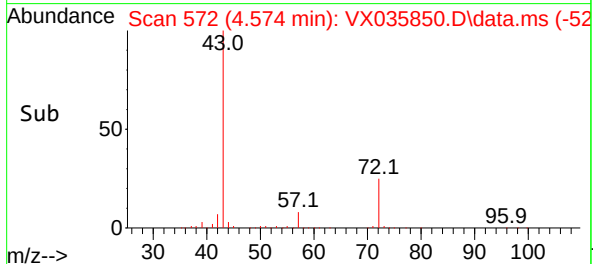
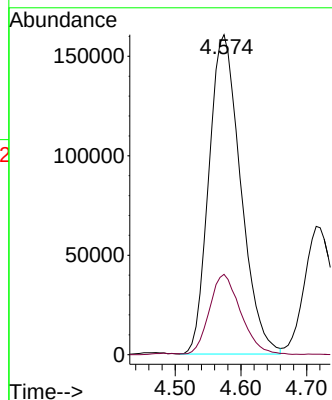
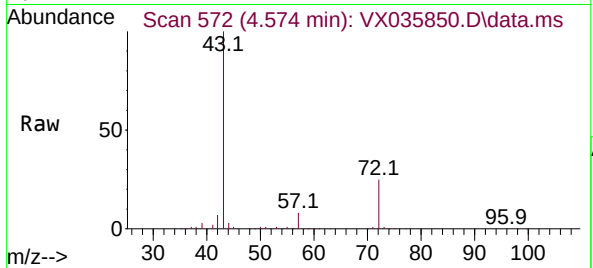
#25
2-Butanone
Concen: 281.590 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 53990
Ion Ratio Lower Upper
43 100
72 24.9 19.3 28.9

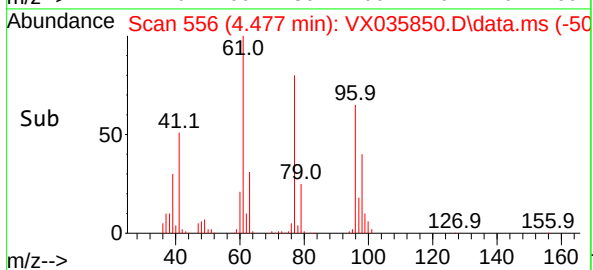
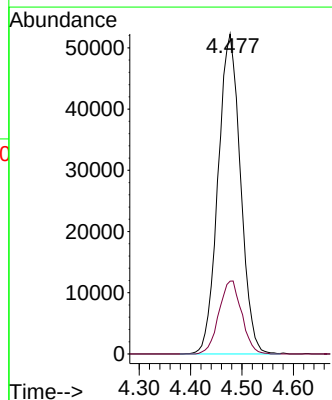
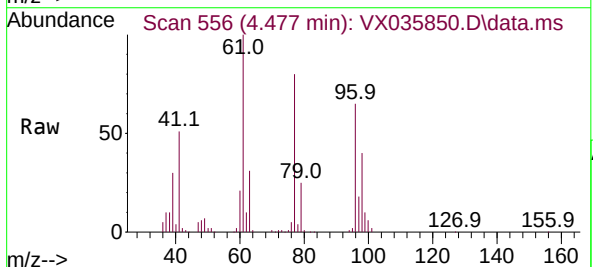
Manual Integrations
APPROVED

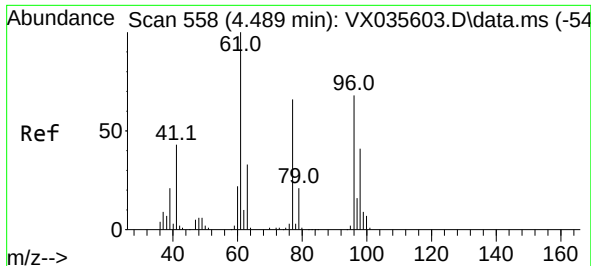
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#26
2,2-Dichloropropane
Concen: 40.519 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

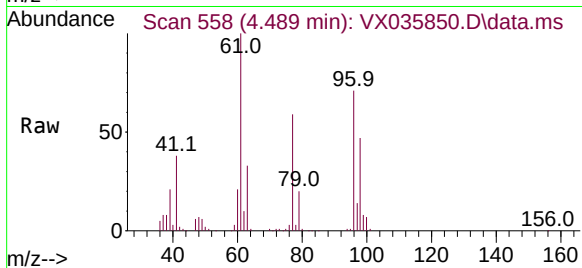
Tgt Ion: 77 Resp: 158348
Ion Ratio Lower Upper
77 100
97 23.1 11.4 34.1





#27
cis-1,2-Dichloroethene
Concen: 50.415 ug/l
RT: 4.489 min Scan# 511
Delta R.T. -0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

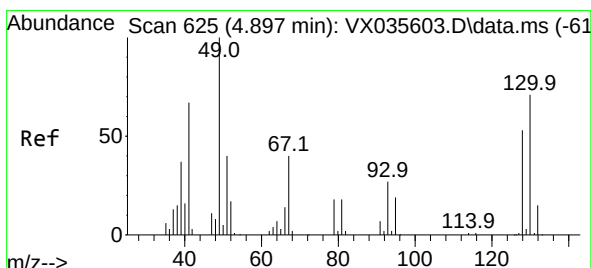
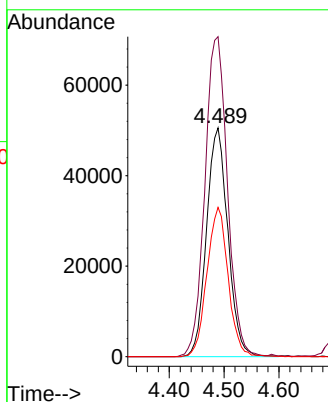
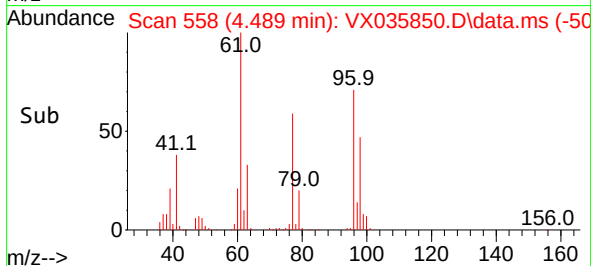
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 13661
Ion Ratio Lower Upper
96 100
61 148.0 0.0 300.4
98 65.0 0.0 129.0

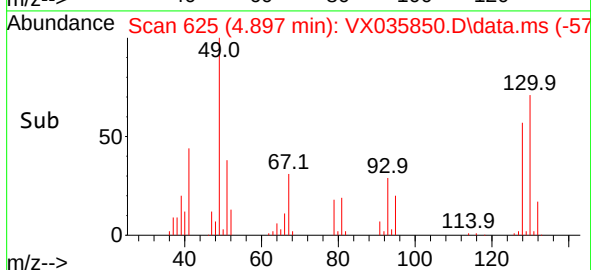
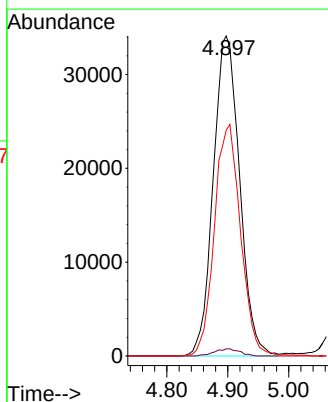
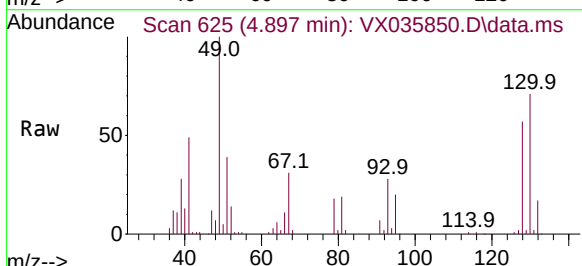
Manual Integrations
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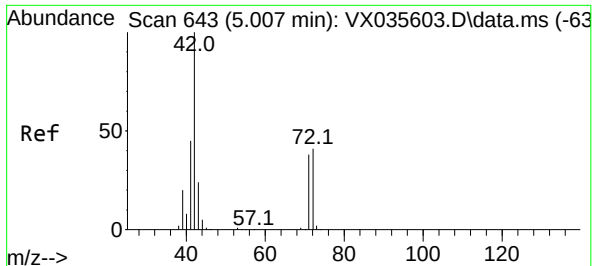
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#28
Bromochloromethane
Concen: 49.460 ug/l
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

Tgt Ion: 49 Resp: 102666
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 71.8 58.2 87.2





#29

Tetrahydrofuran

Concen: 291.300 ug/l

RT: 5.019 min Scan# 643

Delta R.T. 0.012 min

Lab File: VX035850.D

Acq: 24 May 2023 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

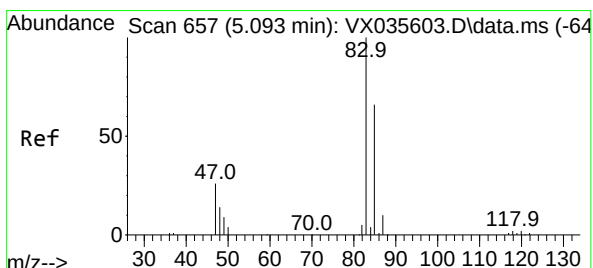
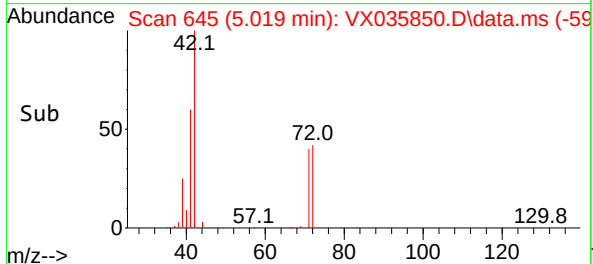
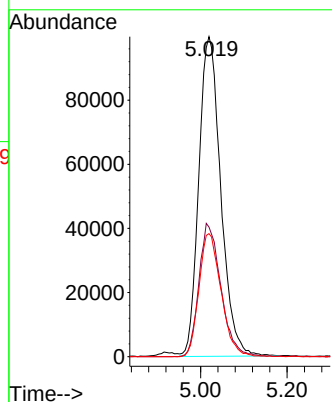
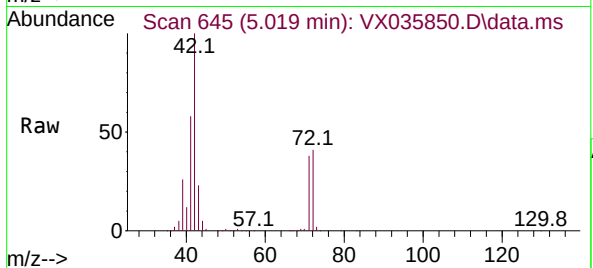
Tgt Ion: 42 Resp: 351050
 Ion Ratio Lower Upper
 42 100
 72 41.7 34.5 51.7
 71 38.8 32.1 48.1

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Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#30

Chloroform

Concen: 48.905 ug/l

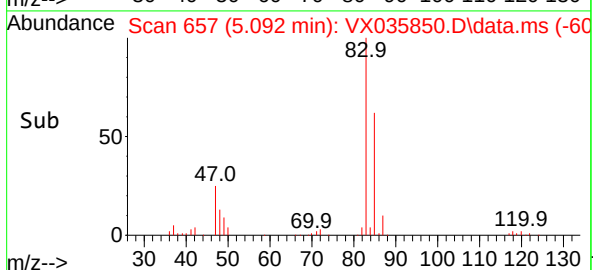
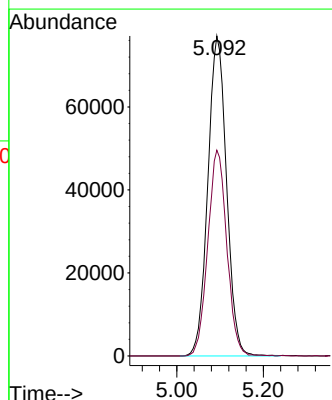
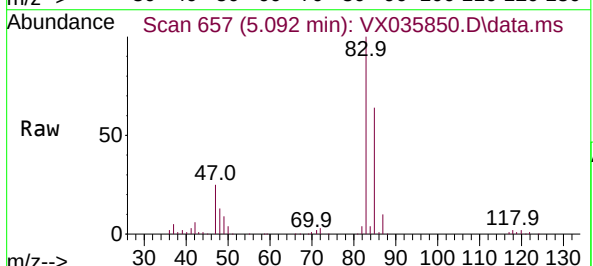
RT: 5.092 min Scan# 657

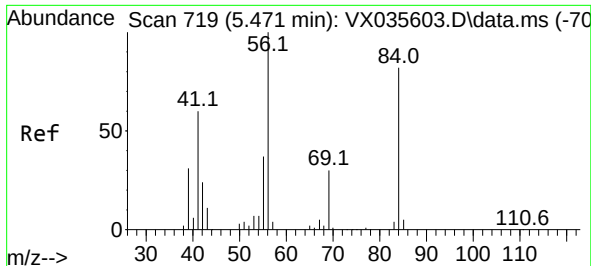
Delta R.T. -0.001 min

Lab File: VX035850.D

Acq: 24 May 2023 20:41

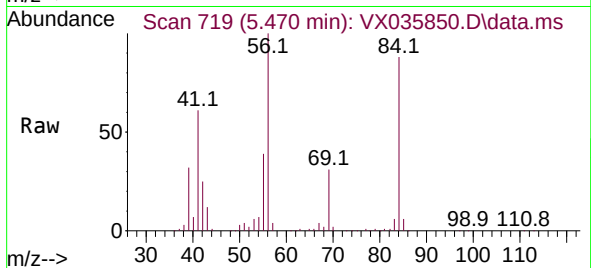
Tgt Ion: 83 Resp: 231268
 Ion Ratio Lower Upper
 83 100
 85 64.3 50.6 76.0





#31
Cyclohexane
Concen: 48.219 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.001 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

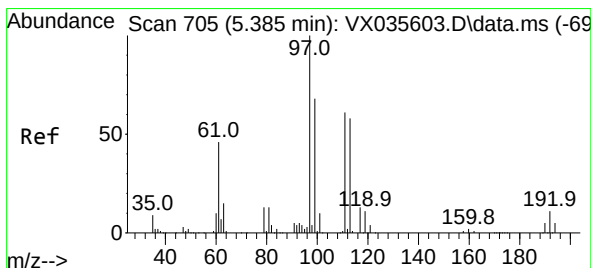
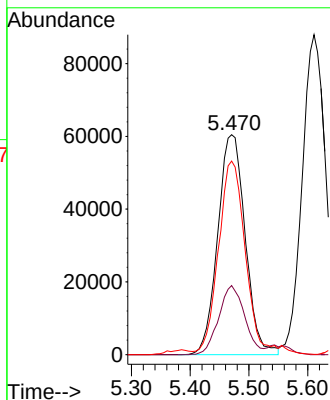
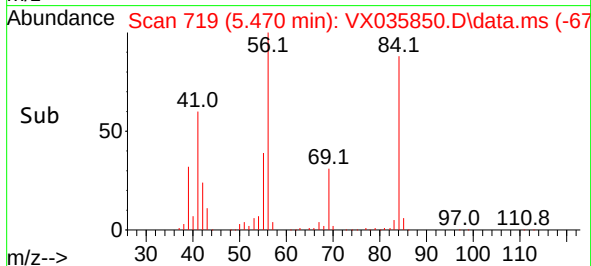
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



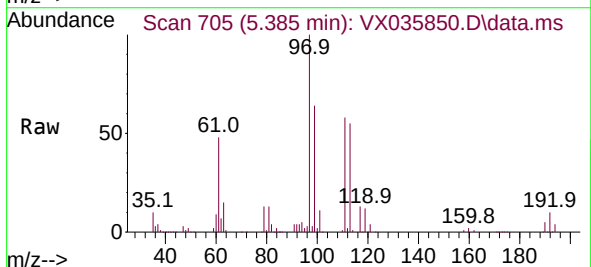
Tgt Ion: 56 Resp: 19632
Ion Ratio Lower Upper
56 100
69 31.5 23.7 35.5
84 86.1 68.5 102.7

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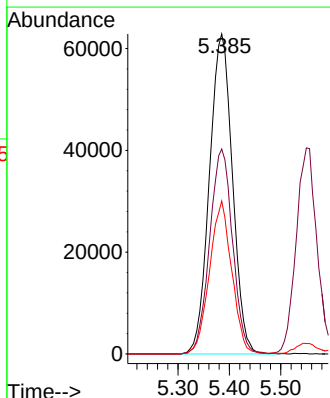
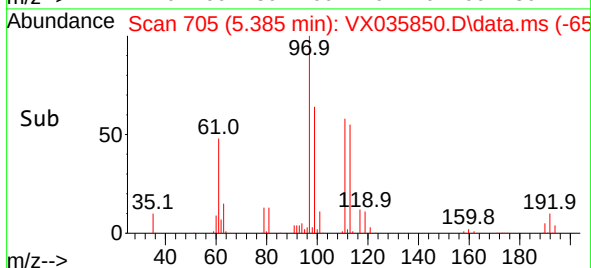
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

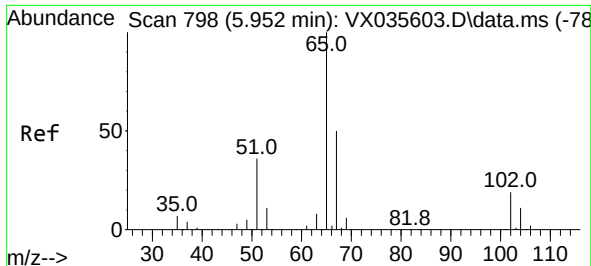


#32
1,1,1-Trichloroethane
Concen: 47.492 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41



Tgt Ion: 97 Resp: 195405
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 46.1 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 41.942 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX035850.D

Acq: 24 May 2023 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 13516

Ion Ratio Lower Upper

65 100

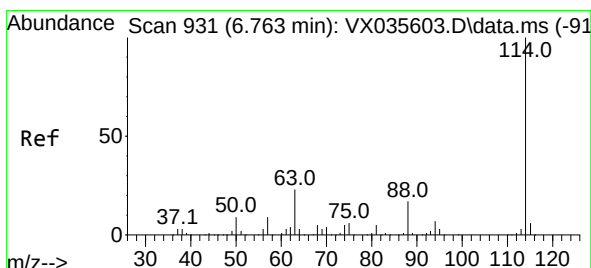
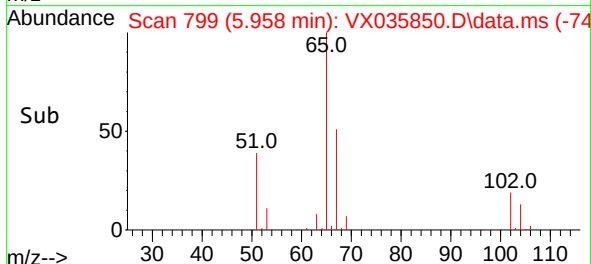
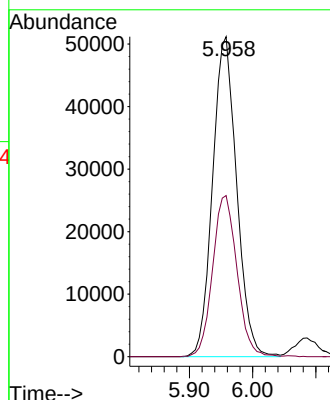
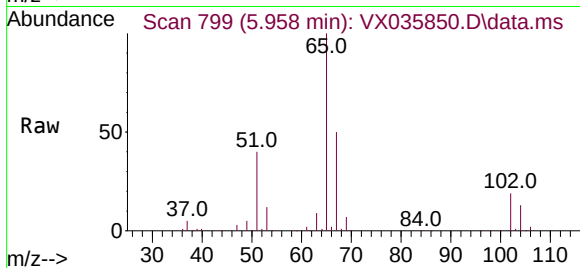
67 50.9 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035850.D

Acq: 24 May 2023 20:41

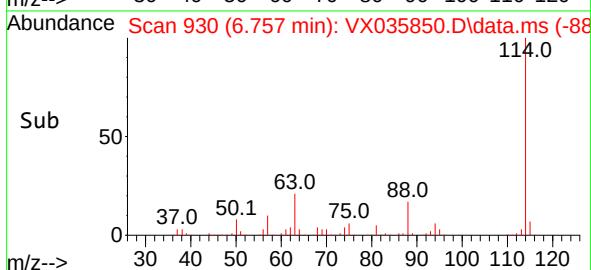
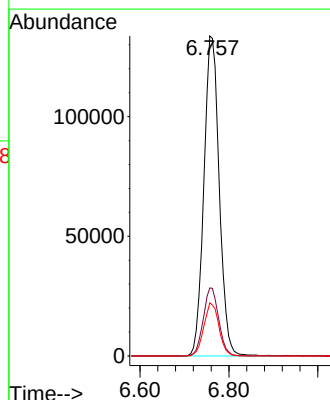
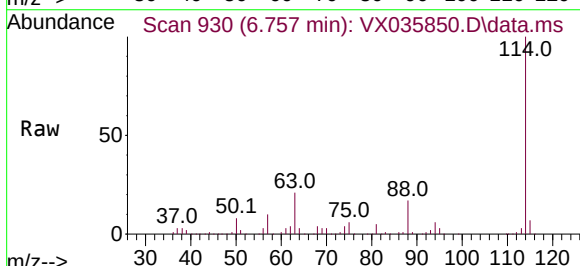
Tgt Ion:114 Resp: 322089

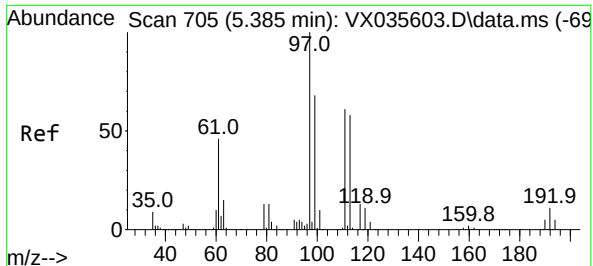
Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.2

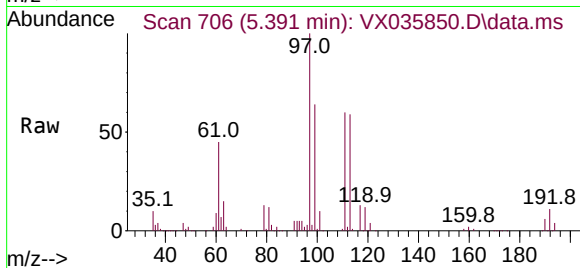
88 16.6 0.0 33.2





#35
Dibromofluoromethane
Concen: 48.099 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

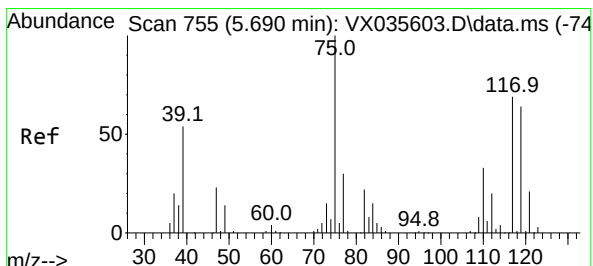
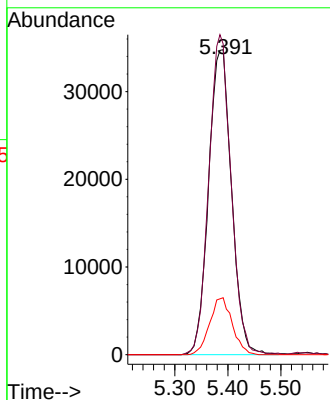
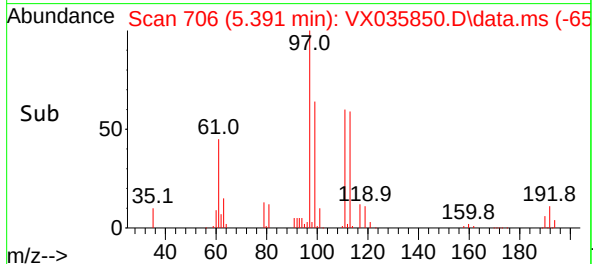
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 104478
Ion Ratio Lower Upper
113 100
111 101.5 83.7 125.5
192 18.4 15.4 23.2

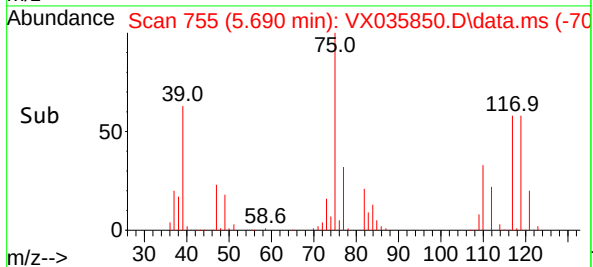
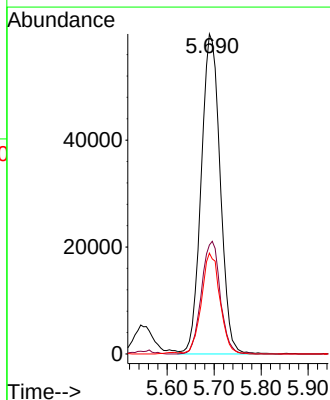
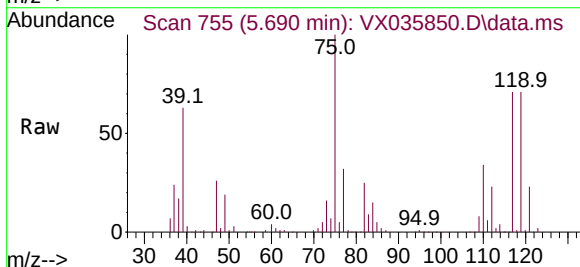
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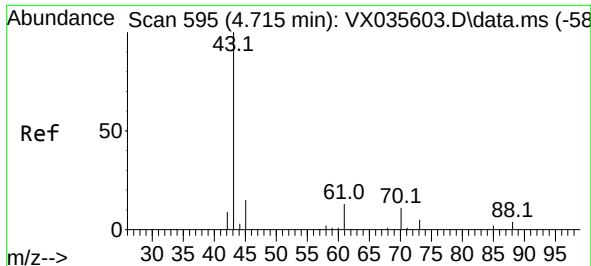
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#36
1,1-Dichloropropene
Concen: 48.893 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

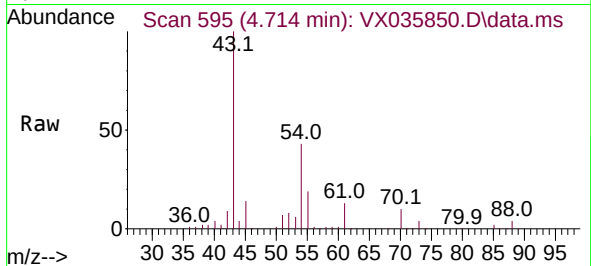
Tgt Ion: 75 Resp: 167639
Ion Ratio Lower Upper
75 100
110 34.8 17.5 52.5
77 30.8 24.3 36.5





#37
Ethyl Acetate
Concen: 56.218 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.001 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

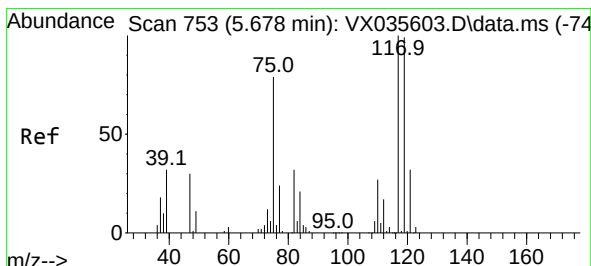
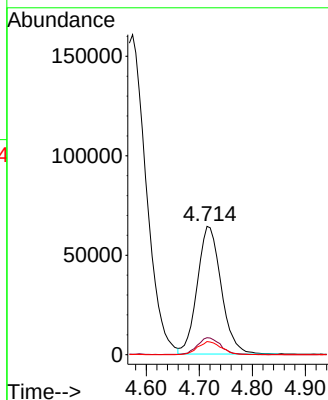
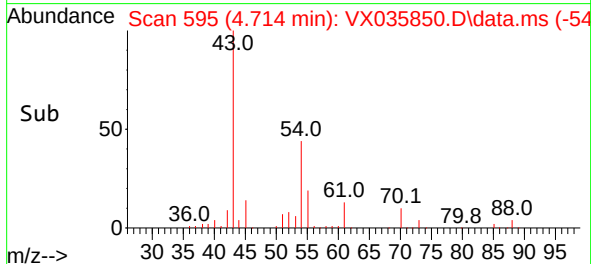
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 201040
Ion Ratio Lower Upper
43 100
61 13.2 10.2 15.4
70 10.1 8.2 12.4

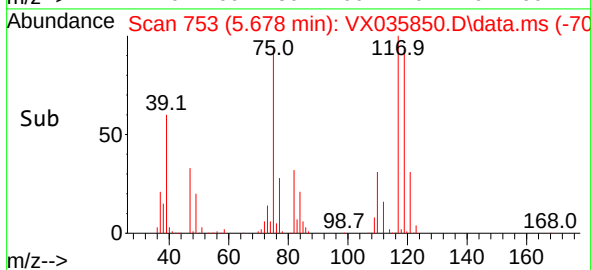
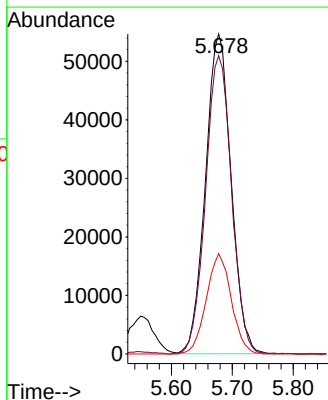
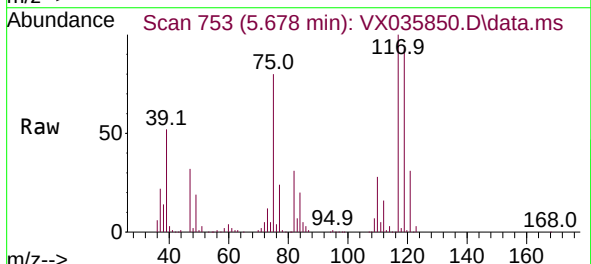
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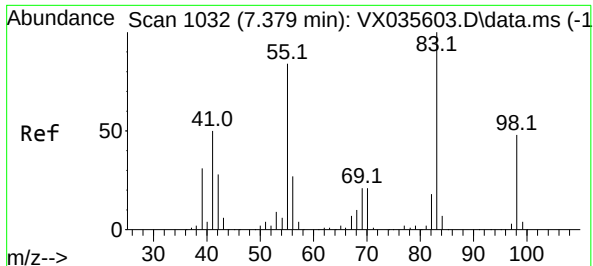
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#38
Carbon Tetrachloride
Concen: 49.179 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

Tgt Ion:117 Resp: 159731
Ion Ratio Lower Upper
117 100
119 93.1 76.6 114.8
121 31.4 23.8 35.6





#39

Methylcyclohexane

Concen: 48.778 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX035850.D

Acq: 24 May 2023 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

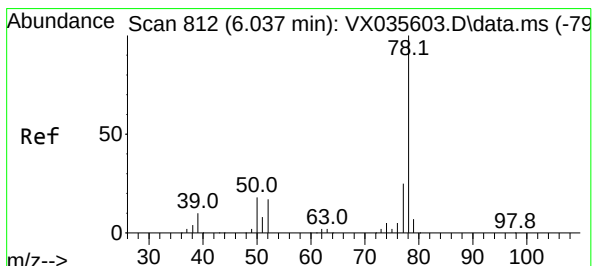
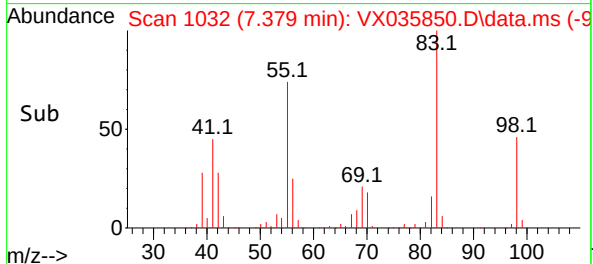
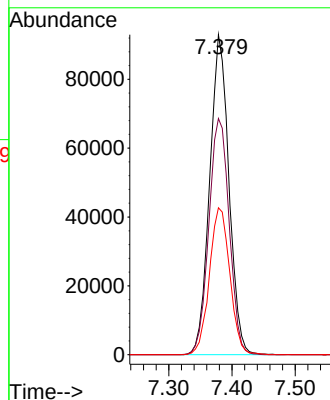
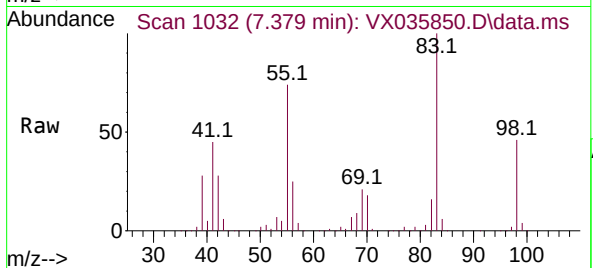
Tgt Ion:	83	Resp:	19686
Ion	Ratio	Lower	Upper
83	100		
55	73.8	60.5	90.7
98	45.9	40.4	60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#40

Benzene

Concen: 51.458 ug/l

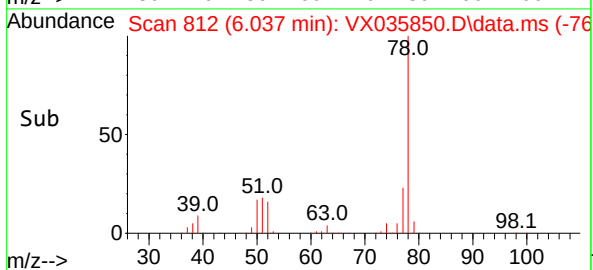
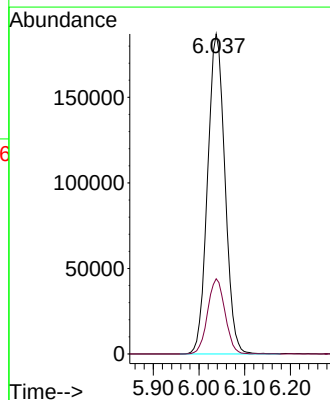
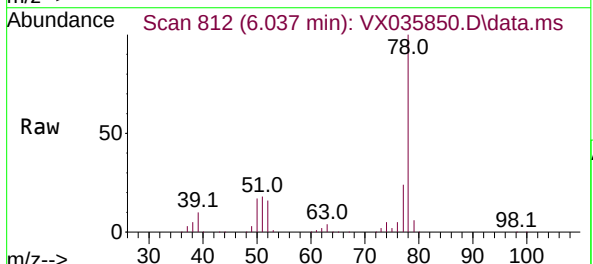
RT: 6.037 min Scan# 812

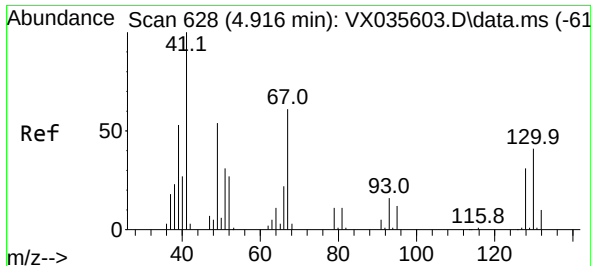
Delta R.T. 0.000 min

Lab File: VX035850.D

Acq: 24 May 2023 20:41

Tgt Ion:	78	Resp:	493575
Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.4





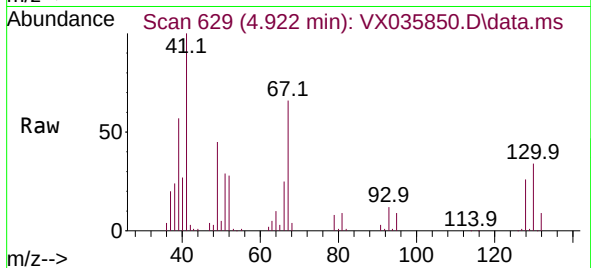
#41
Methacrylonitrile
Concen: 53.617 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



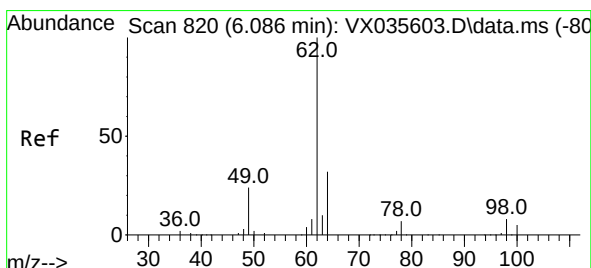
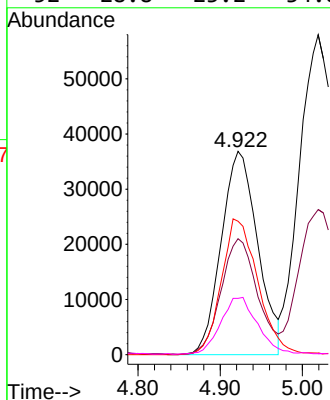
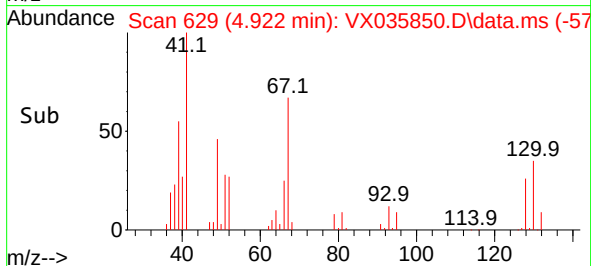
Tgt Ion: 41 Resp: 113840
Ion Ratio Lower Upper
41 100
39 56.7 45.0 67.6
67 67.2 55.6 83.4
52 28.8 23.2 34.8

Manual Integrations

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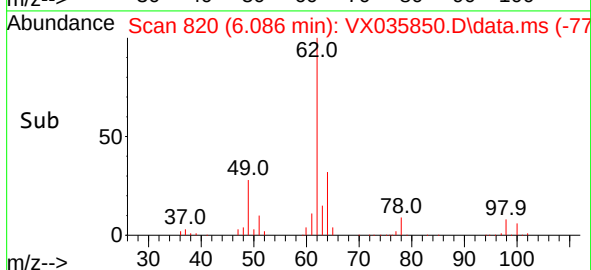
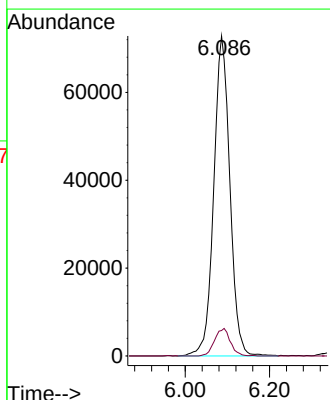
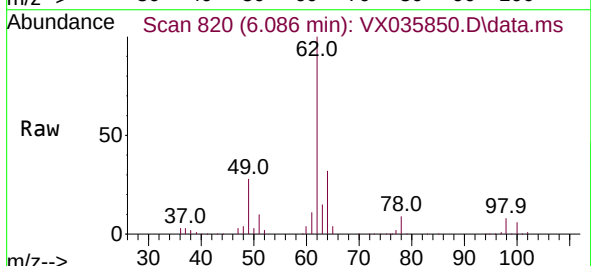
Reviewed By :John Carlone 05/25/2023

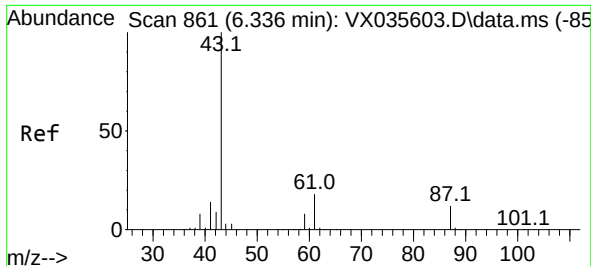
Supervised By :Mahesh Dadoda 05/25/2023



#42
1,2-Dichloroethane
Concen: 46.626 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

Tgt Ion: 62 Resp: 192383
Ion Ratio Lower Upper
62 100
98 8.4 0.0 18.0





#43

Isopropyl Acetate

Concen: 52.681 ug/l

RT: 6.342 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX035850.D

Acq: 24 May 2023 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 32852

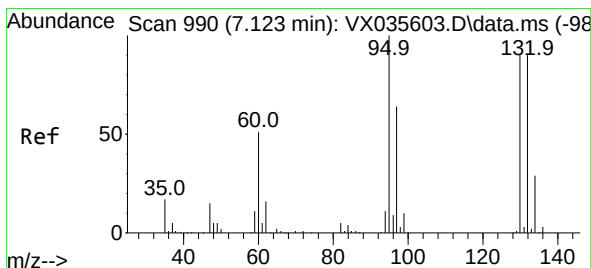
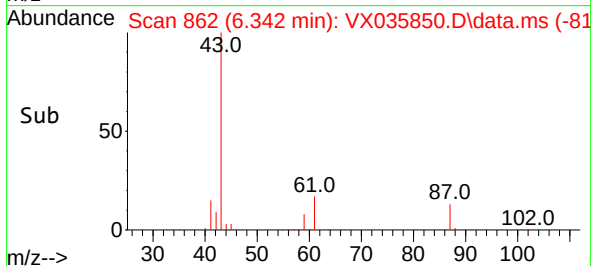
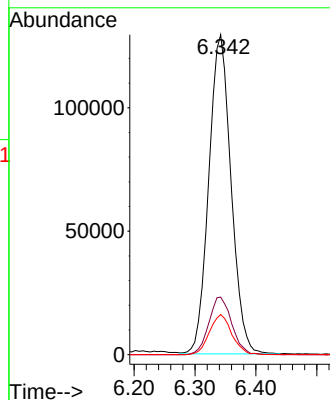
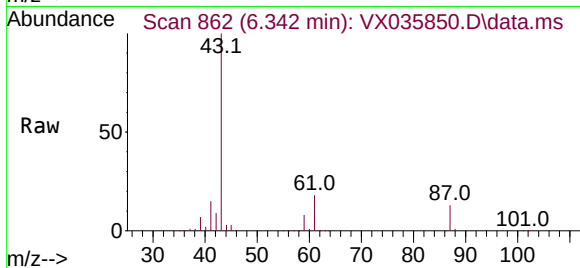
Ion	Ratio	Lower	Upper
43	100		
61	18.6	15.2	22.8
87	12.6	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#44

Trichloroethene

Concen: 52.125 ug/l

RT: 7.123 min Scan# 990

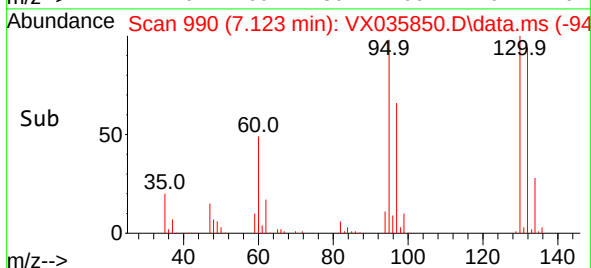
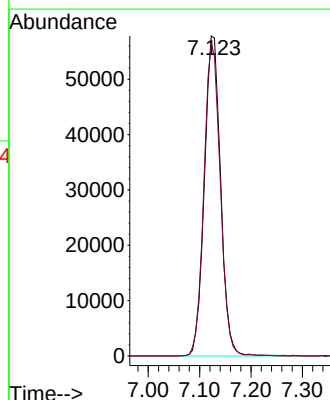
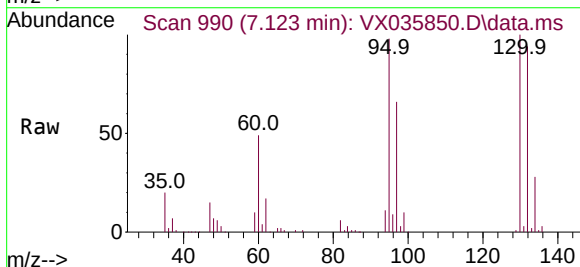
Delta R.T. -0.000 min

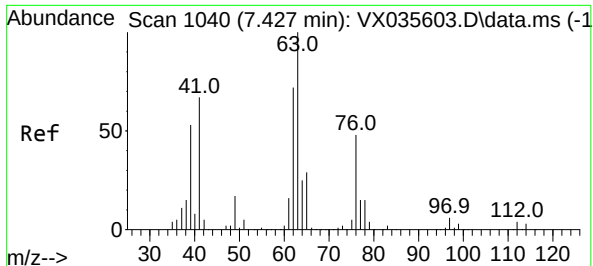
Lab File: VX035850.D

Acq: 24 May 2023 20:41

Tgt Ion:130 Resp: 126774

Ion	Ratio	Lower	Upper
130	100		
95	98.0	0.0	198.4





#45

1,2-Dichloropropane

Concen: 51.812 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX035850.D

Acq: 24 May 2023 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 131620

Ion Ratio Lower Upper

63 100

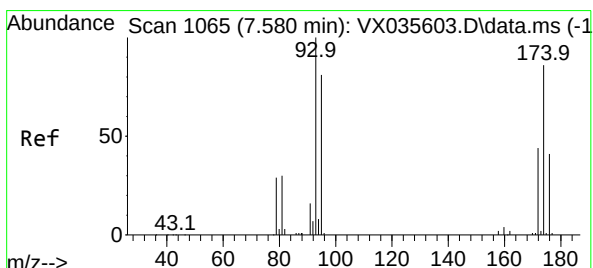
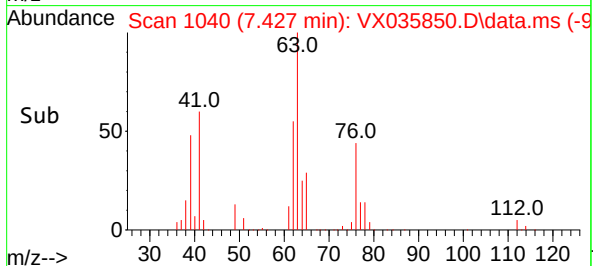
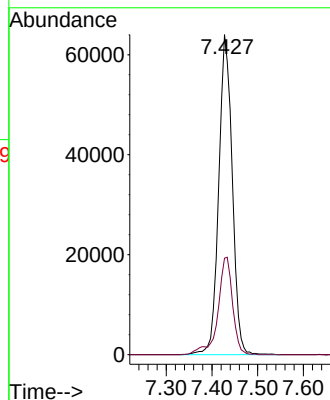
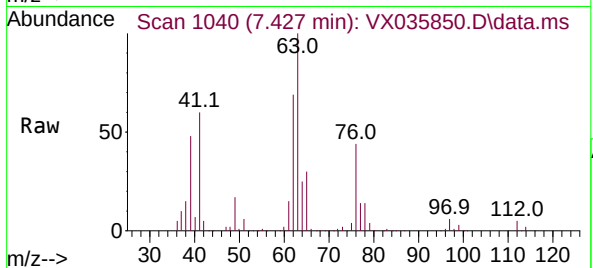
65 30.1 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#46

Dibromomethane

Concen: 51.799 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX035850.D

Acq: 24 May 2023 20:41

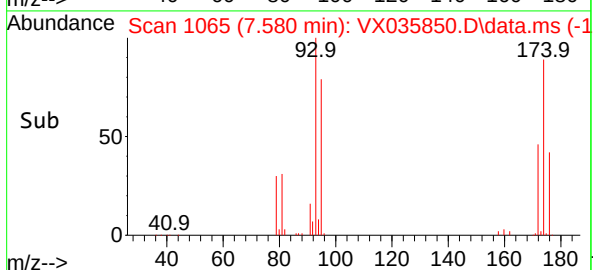
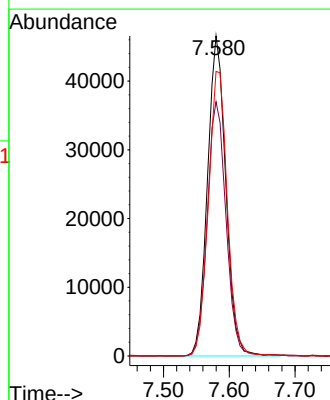
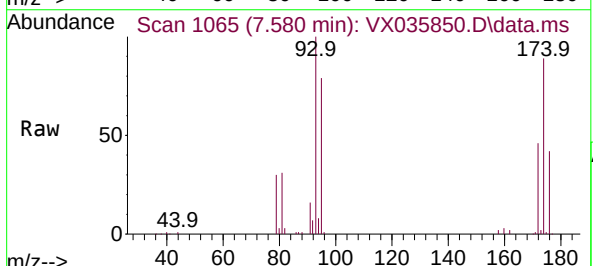
Tgt Ion: 93 Resp: 90073

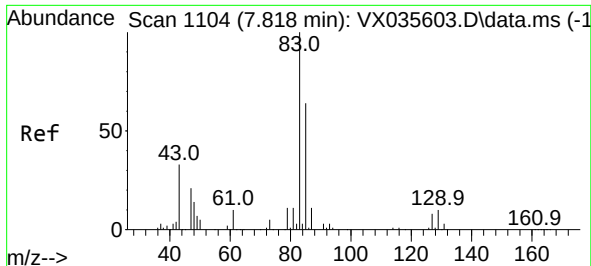
Ion Ratio Lower Upper

93 100

95 81.5 66.9 100.3

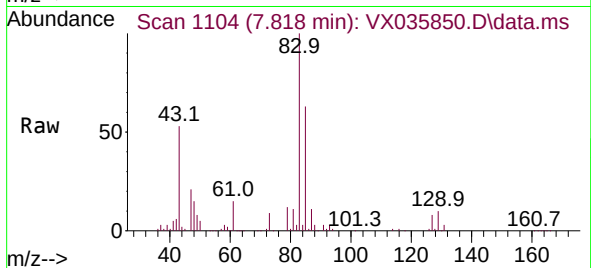
174 92.1 75.4 113.0





#47
Bromodichloromethane
Concen: 49.986 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

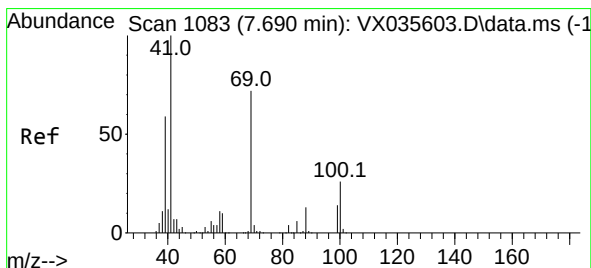
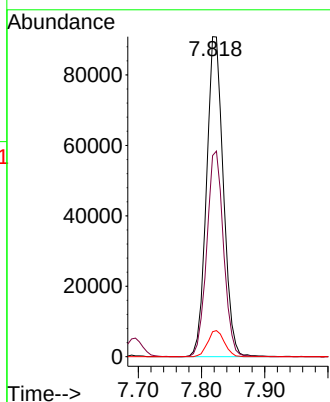
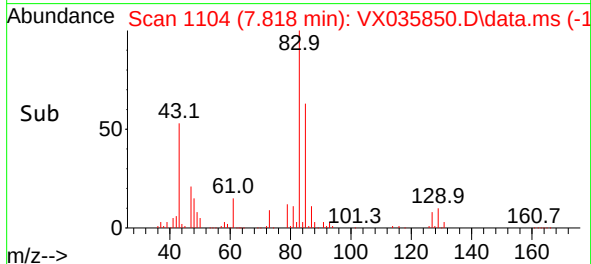
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 168000
Ion Ratio Lower Upper
83 100
85 62.9 52.2 78.4
127 7.8 6.6 9.8

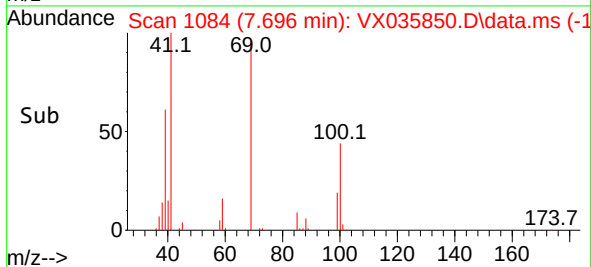
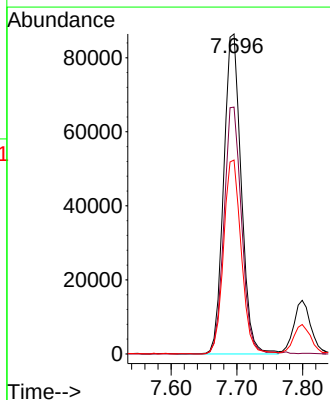
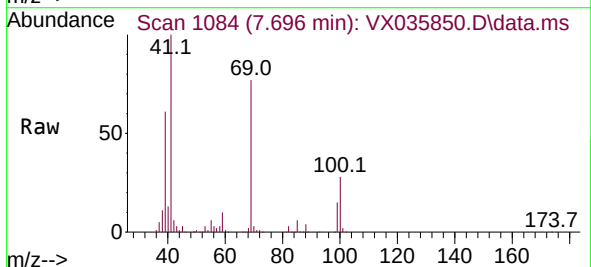
Manual Integrations
APPROVED

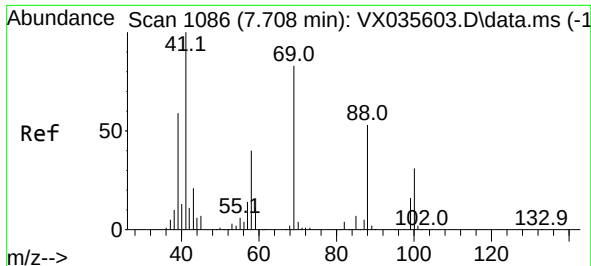
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#48
Methyl methacrylate
Concen: 52.227 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

Tgt Ion: 41 Resp: 160734
Ion Ratio Lower Upper
41 100
69 77.0 62.2 93.4
39 61.1 47.7 71.5





#49

1,4-Dioxane

Concen: 1129.095 ug/l

RT: 7.750 min Scan# 1086

Delta R.T. 0.042 min

Lab File: VX035850.D

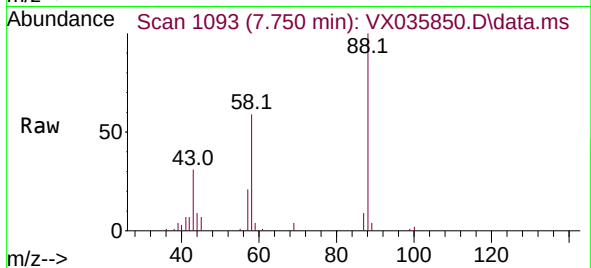
Acq: 24 May 2023 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



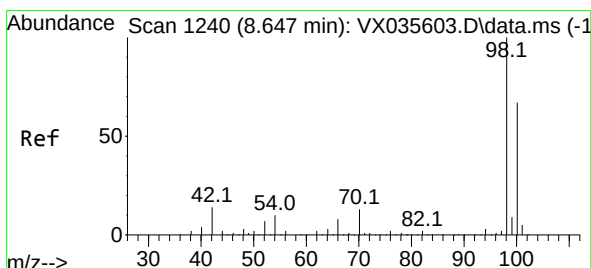
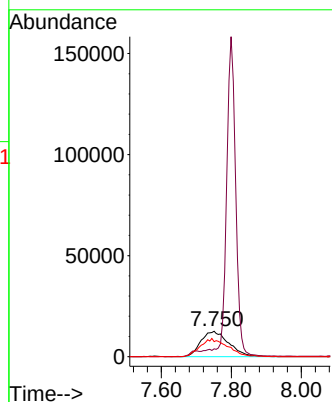
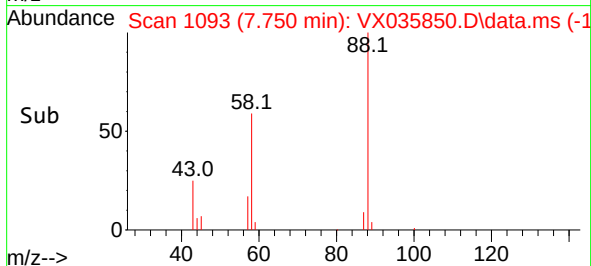
Tgt Ion: 88	Resp: 6949
Ion Ratio	Lower Upper
88	100
43	0.0 27.7 41.5
58	70.0 56.8 85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#50

Toluene-d8

Concen: 46.622 ug/l

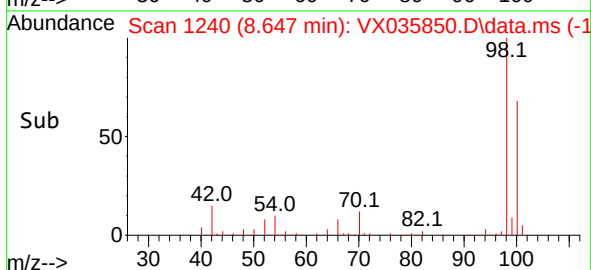
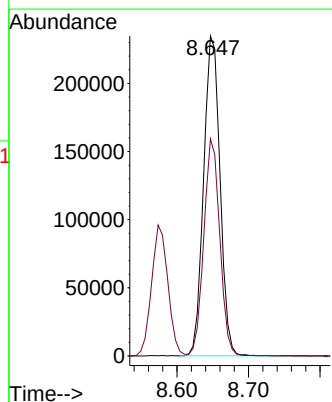
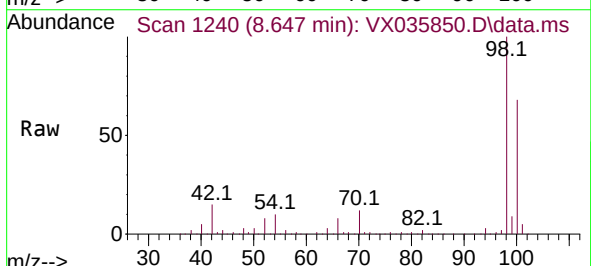
RT: 8.647 min Scan# 1240

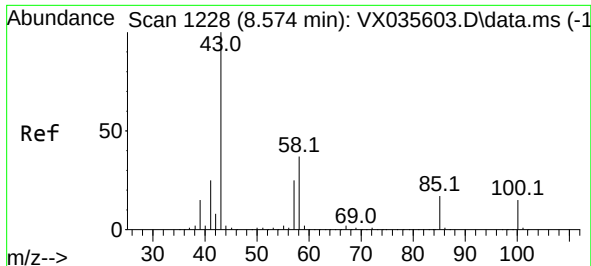
Delta R.T. -0.000 min

Lab File: VX035850.D

Acq: 24 May 2023 20:41

Tgt Ion: 98	Resp: 374116
Ion Ratio	Lower Upper
98	100
100	66.3 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 291.654 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

Instrument :

MSVOA_X

ClientSampleId :

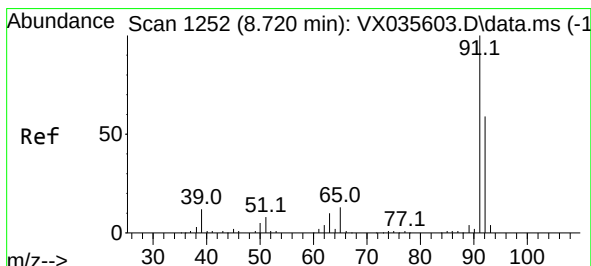
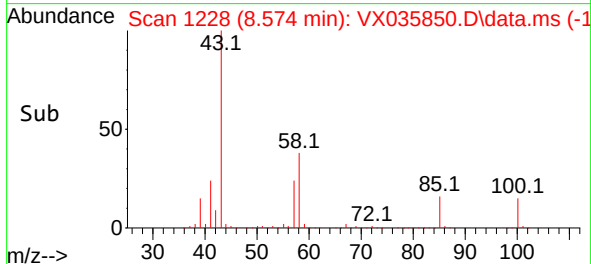
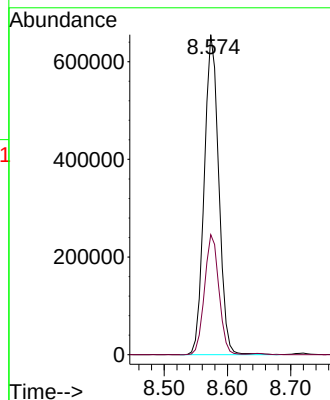
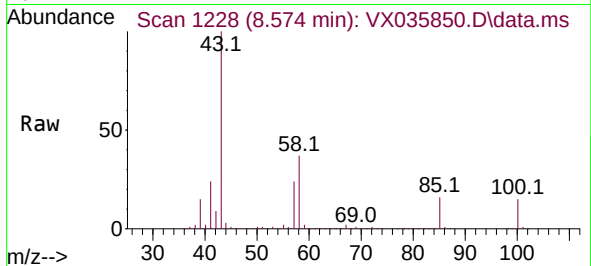
VSTDCCC050EC

Tgt Ion: 43 Resp: 104781
Ion Ratio Lower Upper
43 100
58 37.3 30.6 46.0

Manual Integrations

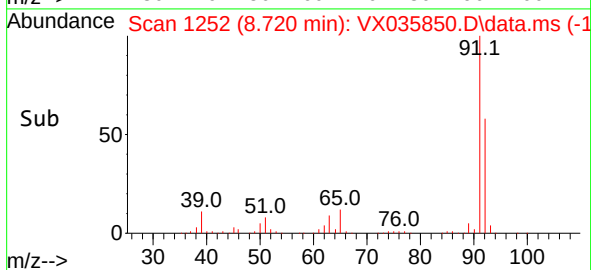
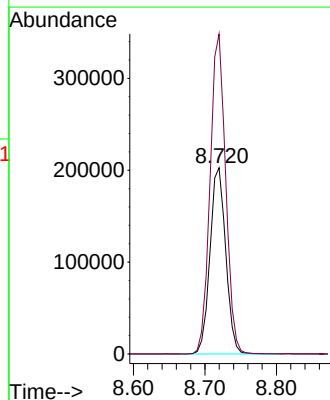
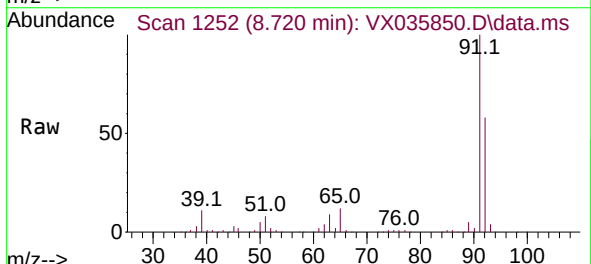
APPROVED

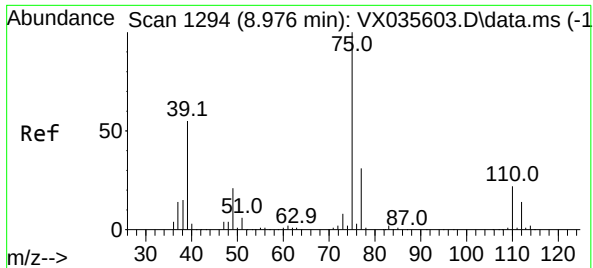
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#52
Toluene
Concen: 51.201 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

Tgt Ion: 92 Resp: 310004
Ion Ratio Lower Upper
92 100
91 170.2 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 50.341 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX035850.D

Acq: 24 May 2023 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 183824

Ion Ratio Lower Upper

75 100

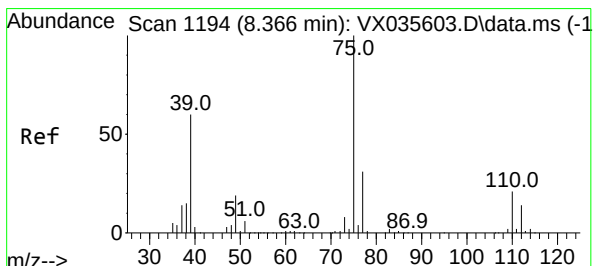
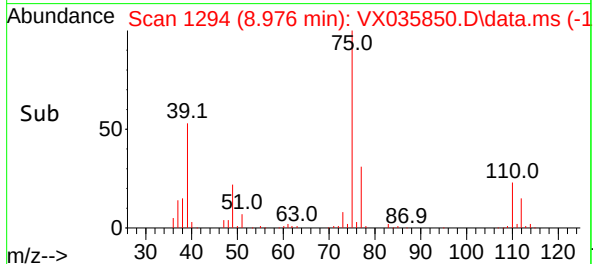
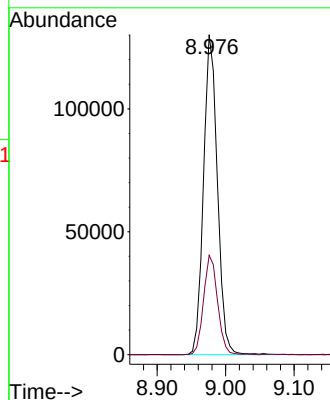
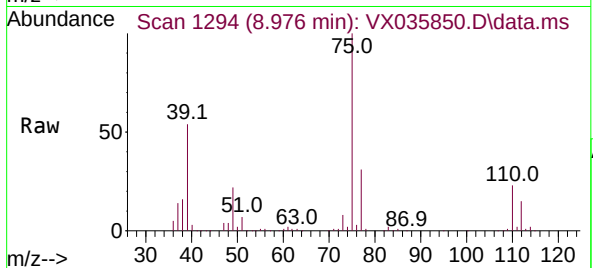
77 31.1 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#54

cis-1,3-Dichloropropene

Concen: 51.708 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035850.D

Acq: 24 May 2023 20:41

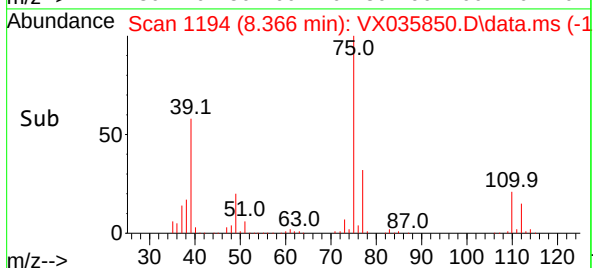
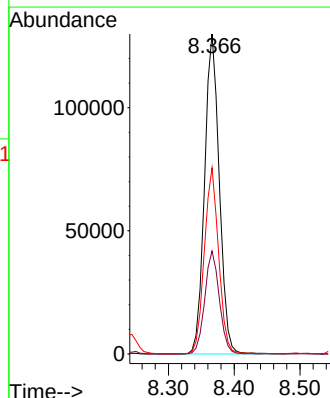
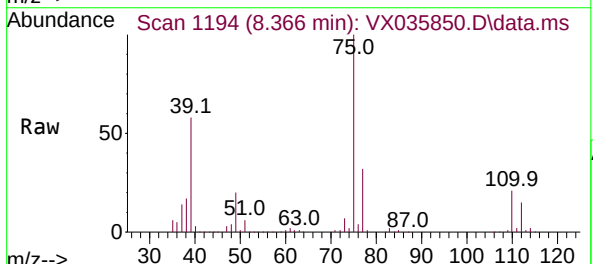
Tgt Ion: 75 Resp: 202296

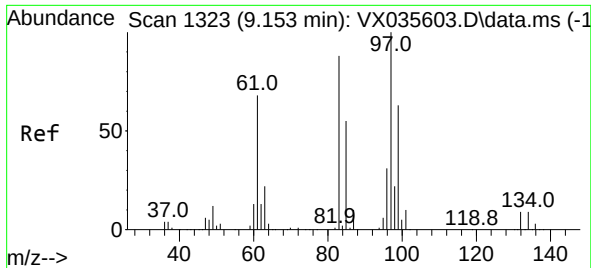
Ion Ratio Lower Upper

75 100

77 32.2 25.0 37.4

39 58.1 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 53.848 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

Instrument :

MSVOA_X

ClientSampleId :

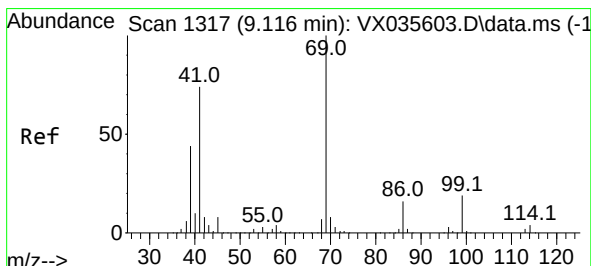
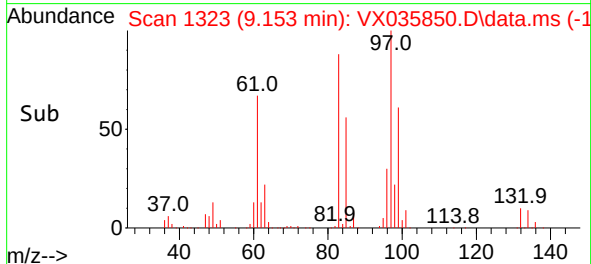
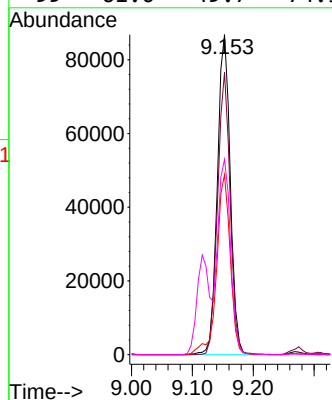
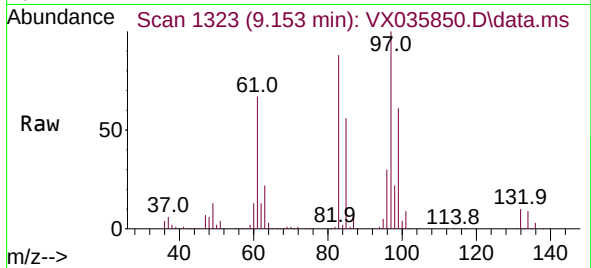
VSTDCCC050EC

Tgt Ion: 97 Resp: 12805
Ion Ratio Lower Upper
97 100
83 88.2 69.7 104.5
85 56.3 43.7 65.5
99 61.0 49.7 74.5

Manual Integrations

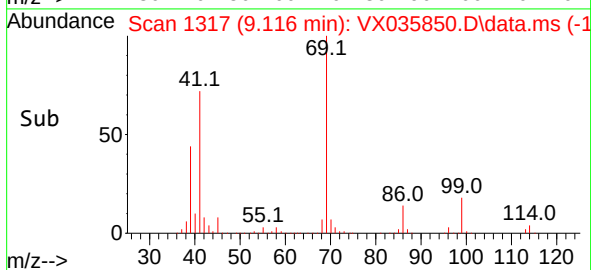
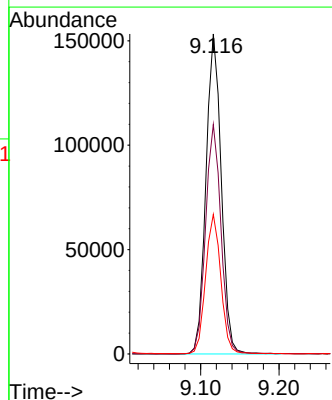
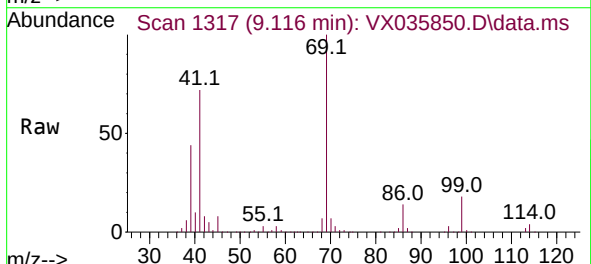
APPROVED

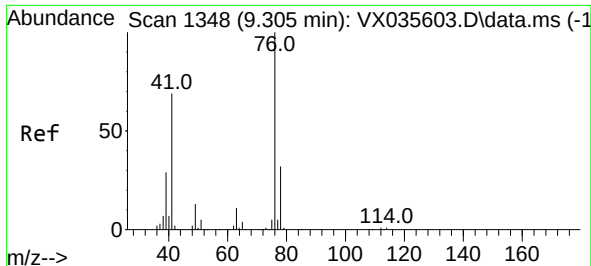
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#56
Ethyl methacrylate
Concen: 53.851 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

Tgt Ion: 69 Resp: 207384
Ion Ratio Lower Upper
69 100
41 72.7 57.4 86.0
39 43.6 33.7 50.5





#57

1,3-Dichloropropane

Concen: 51.554 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VX035850.D

Acq: 24 May 2023 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 222249

Ion Ratio Lower Upper

76 100

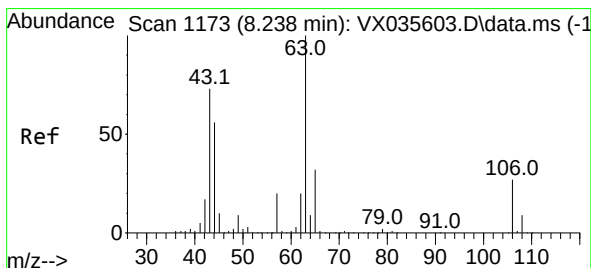
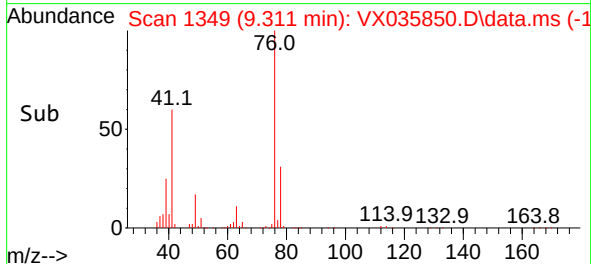
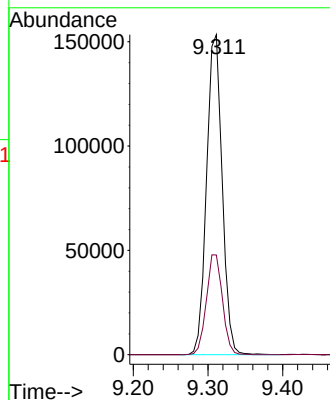
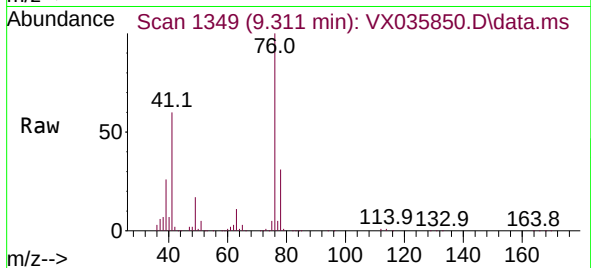
78 32.1 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#58

2-Chloroethyl Vinyl ether

Concen: 262.136 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX035850.D

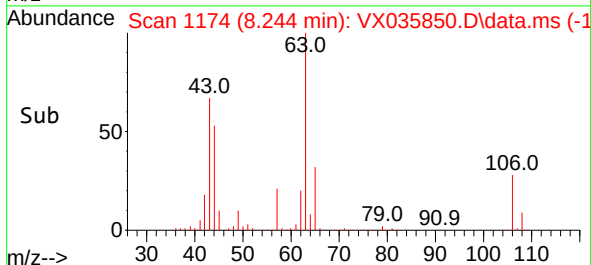
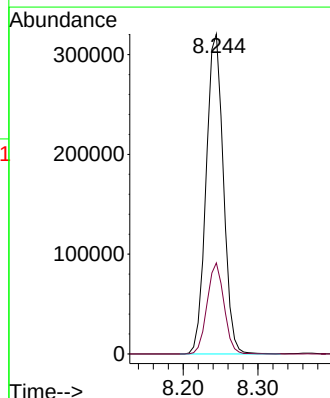
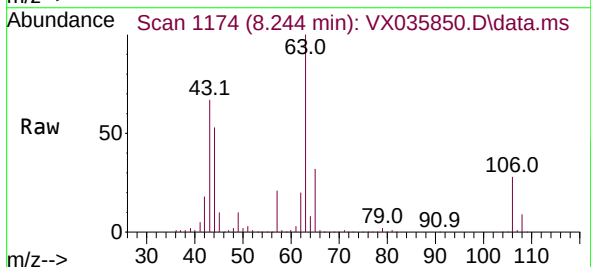
Acq: 24 May 2023 20:41

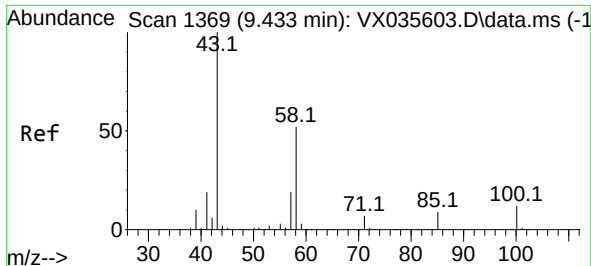
Tgt Ion: 63 Resp: 513553

Ion Ratio Lower Upper

63 100

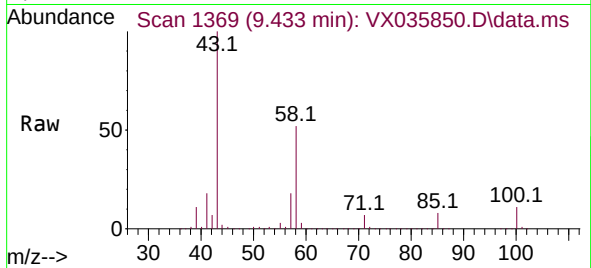
106 27.8 22.2 33.2





#59
2-Hexanone
Concen: 294.273 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

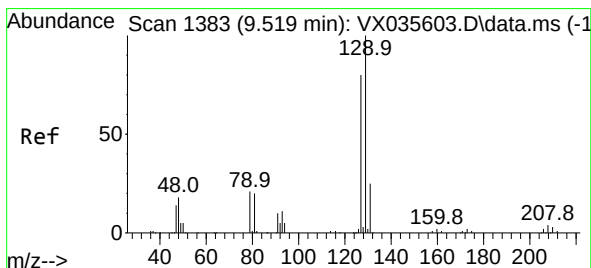
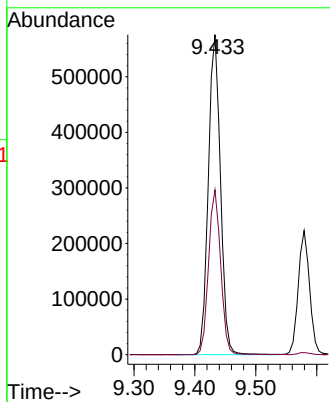
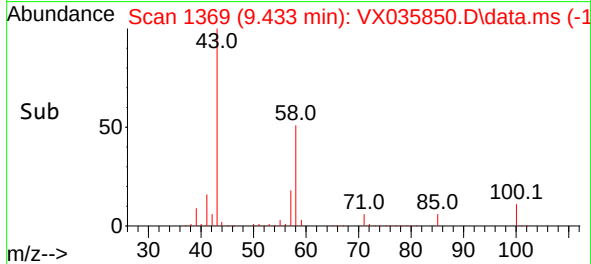
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 796190
Ion Ratio Lower Upper
43 100
58 51.6 26.3 78.9

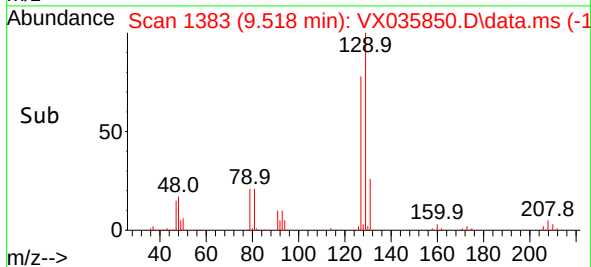
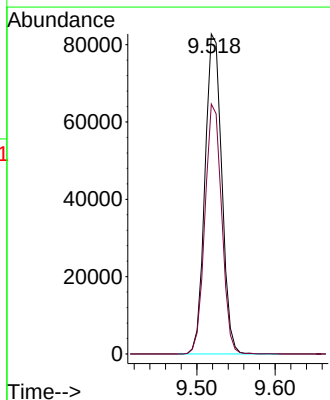
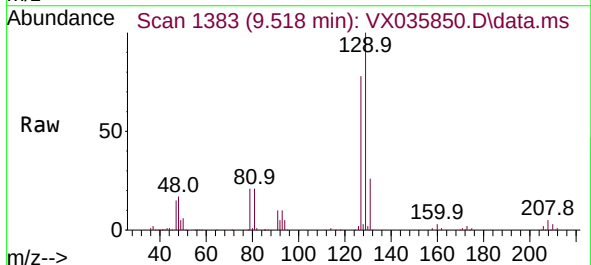
Manual Integrations
APPROVED

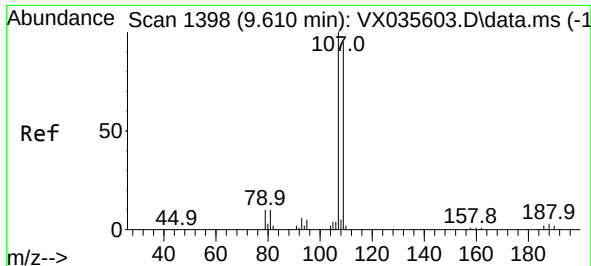
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#60
Dibromochloromethane
Concen: 54.120 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.001 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

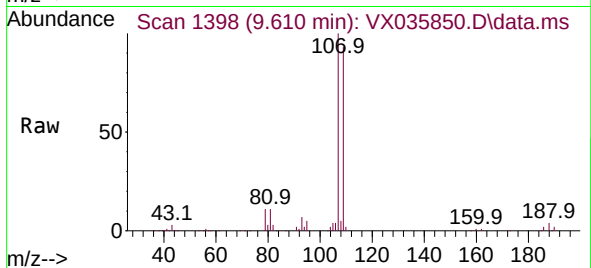
Tgt Ion:129 Resp: 122680
Ion Ratio Lower Upper
129 100
127 78.0 39.0 117.0





#61
1,2-Dibromoethane
Concen: 54.275 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

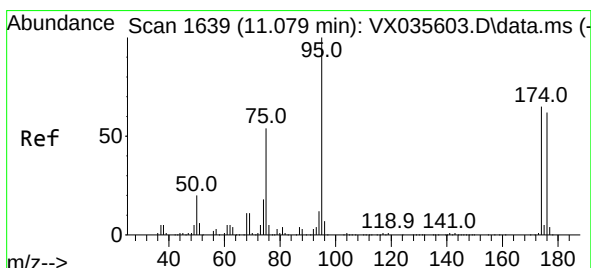
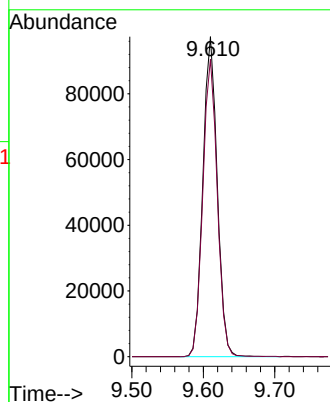
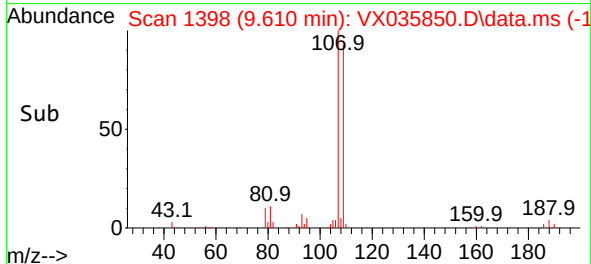
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 135986
Ion Ratio Lower Upper
107 100
109 93.8 75.3 112.9

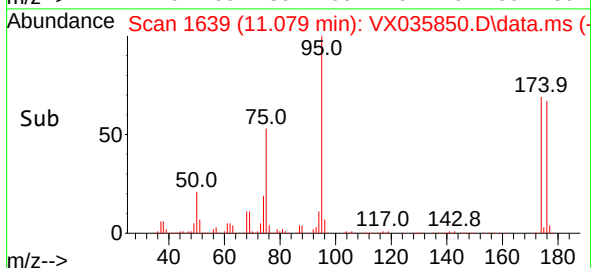
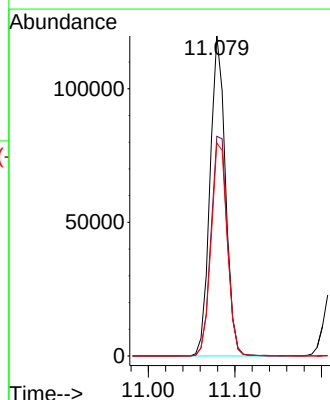
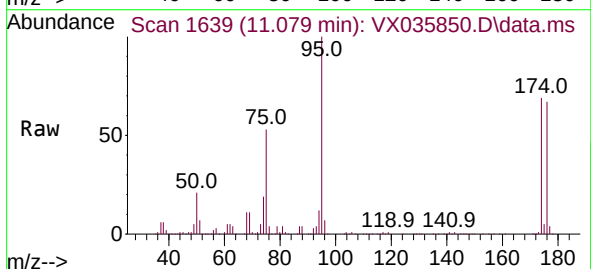
Manual Integrations
APPROVED

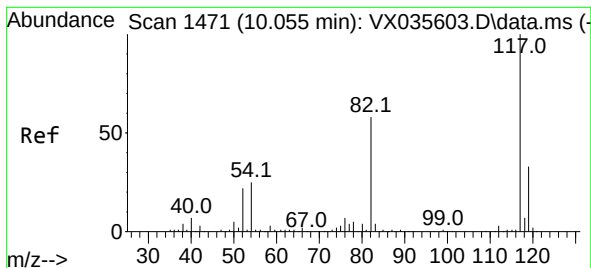
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#62
4-Bromofluorobenzene
Concen: 45.756 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

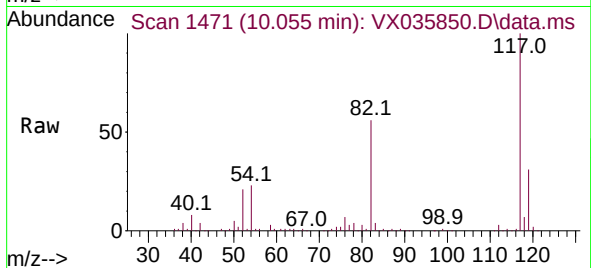
Tgt Ion: 95 Resp: 147837
Ion Ratio Lower Upper
95 100
174 72.7 0.0 147.4
176 69.6 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

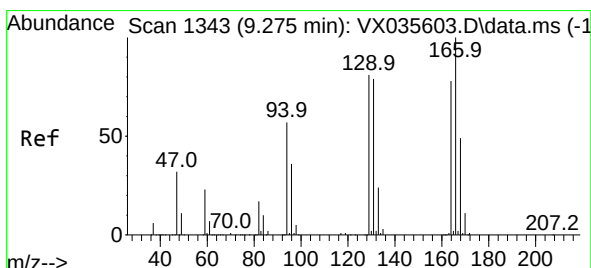
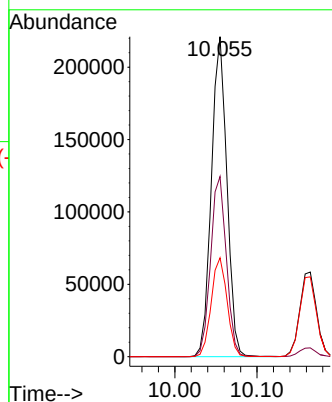
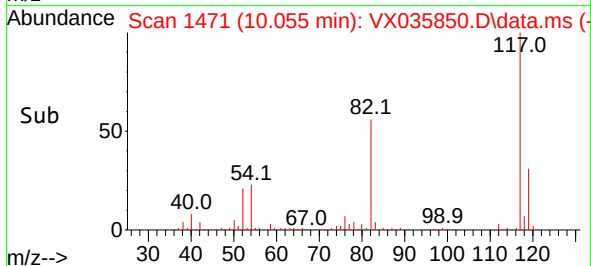
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 28950
Ion Ratio Lower Upper
117 100
82 56.3 45.0 67.4
119 30.9 26.0 39.0

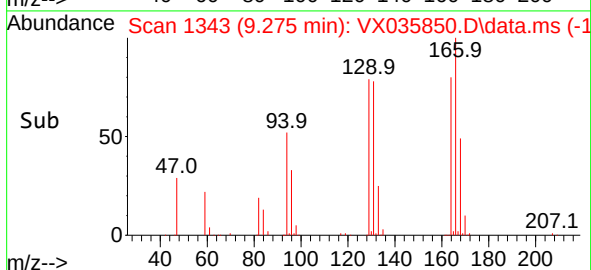
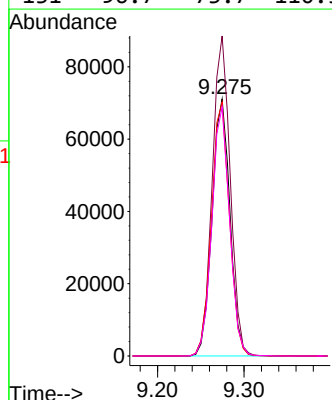
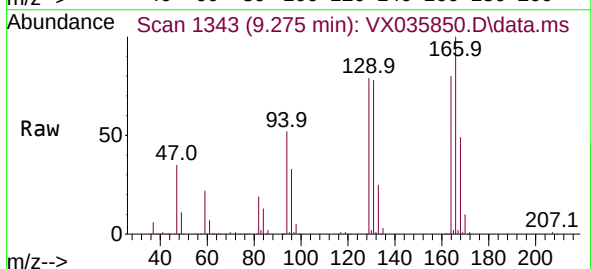
Manual Integrations
APPROVED

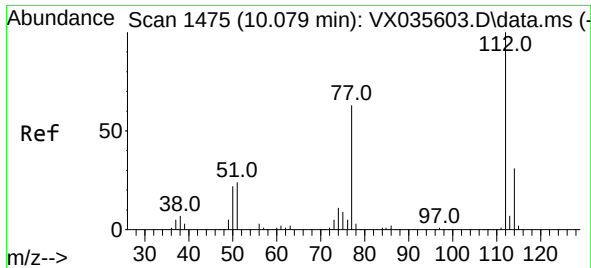
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#64
Tetrachloroethene
Concen: 52.259 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

Tgt Ion:164 Resp: 101857
Ion Ratio Lower Upper
164 100
166 124.5 102.7 154.1
129 98.8 75.6 113.4
131 96.7 73.7 110.5





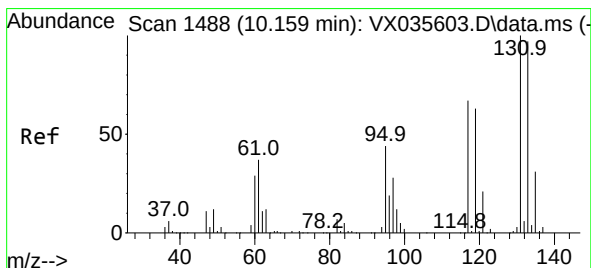
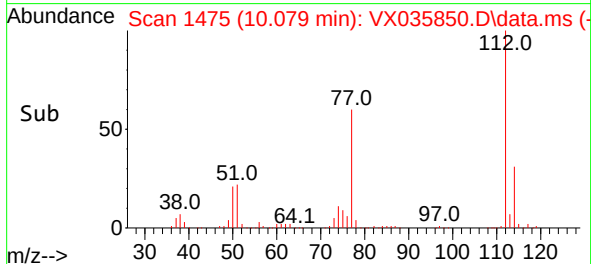
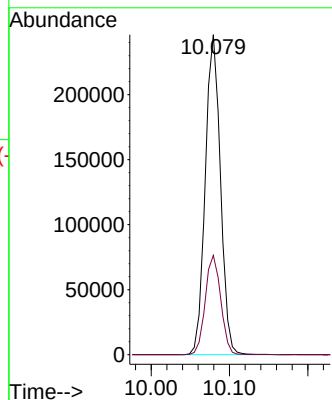
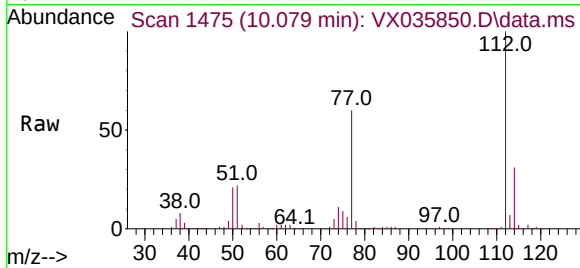
#65
Chlorobenzene
Concen: 52.216 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 32998
Ion Ratio Lower Upper
112 100
114 31.1 26.2 39.2

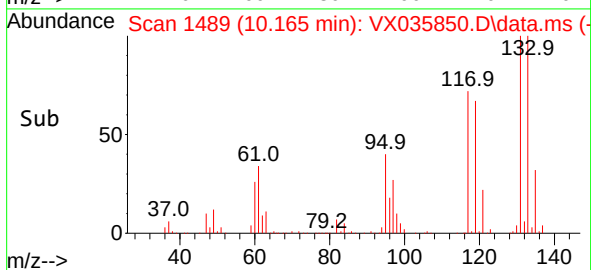
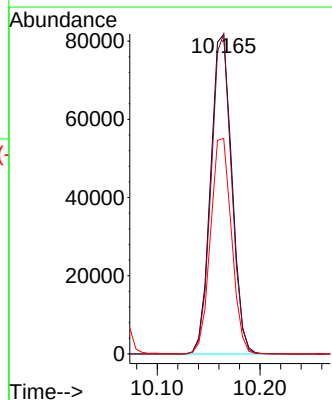
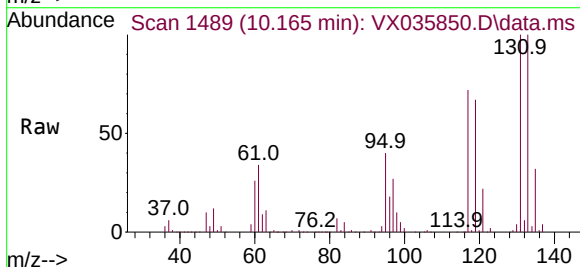
Manual Integrations
APPROVED

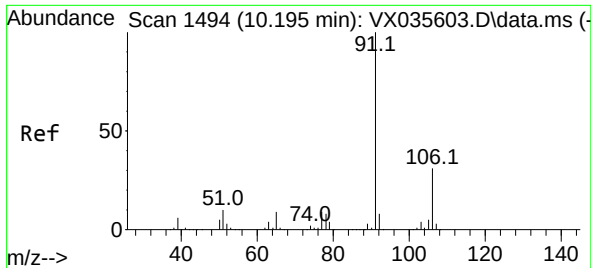
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 52.406 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

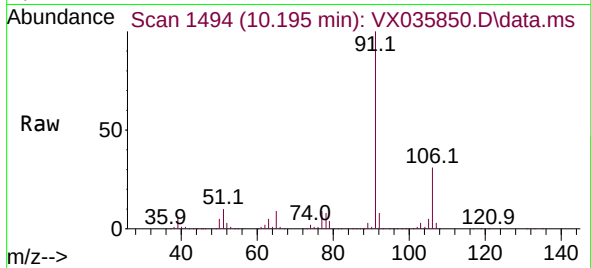
Tgt Ion:131 Resp: 117104
Ion Ratio Lower Upper
131 100
133 96.2 47.1 141.4
119 66.7 32.6 98.0





#67
Ethyl Benzene
Concen: 50.352 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

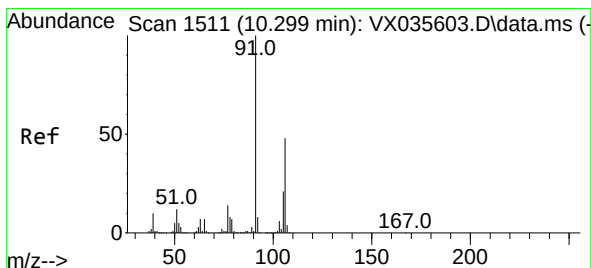
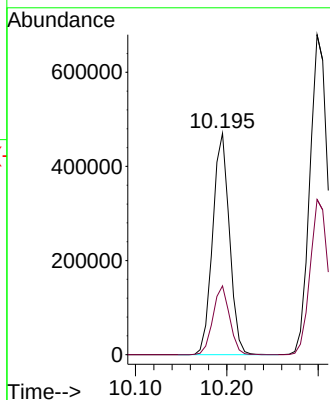
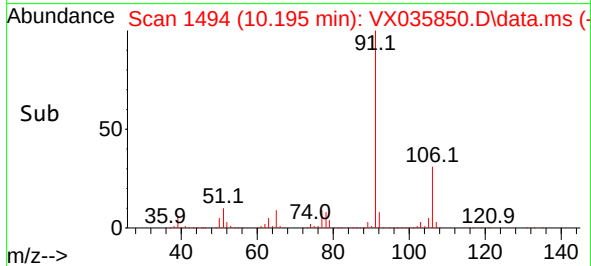
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 598459
Ion Ratio Lower Upper
91 100
106 31.1 25.6 38.4

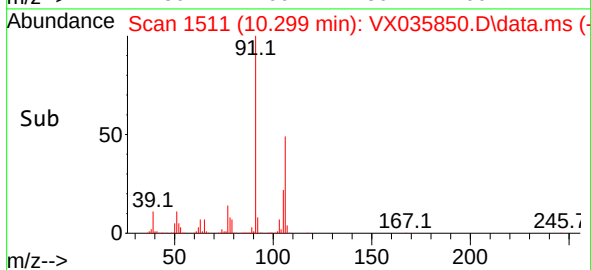
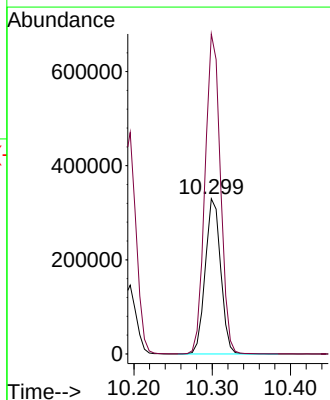
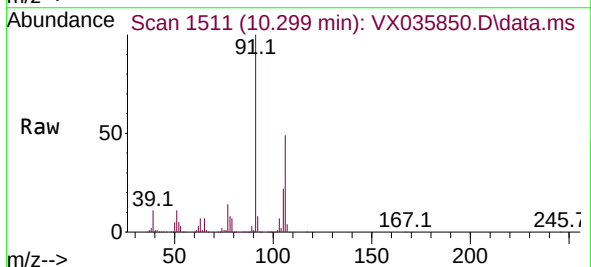
Manual Integrations
APPROVED

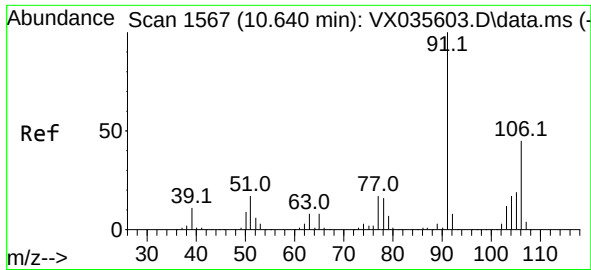
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#68
m/p-Xylenes
Concen: 102.355 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

Tgt Ion:106 Resp: 449672
Ion Ratio Lower Upper
106 100
91 206.3 164.0 246.0





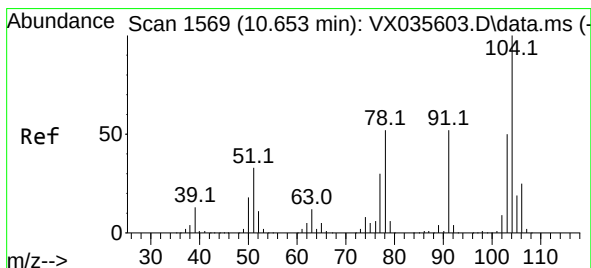
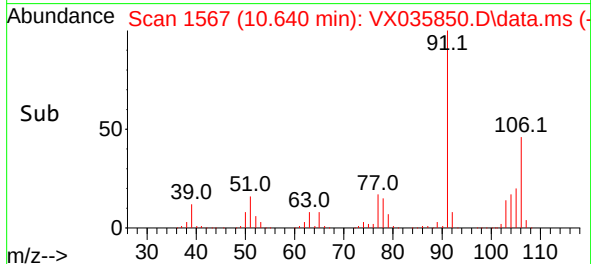
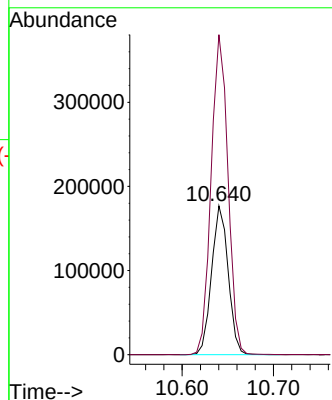
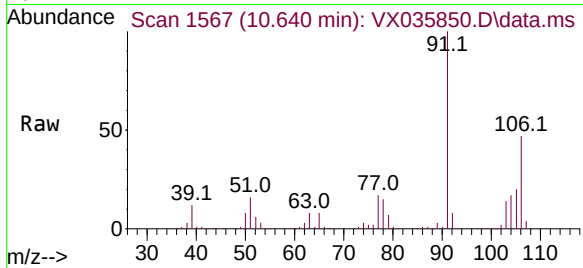
#69
o-Xylene
Concen: 51.090 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 22272
Ion Ratio Lower Upper
106 100
91 218.1 108.5 325.3

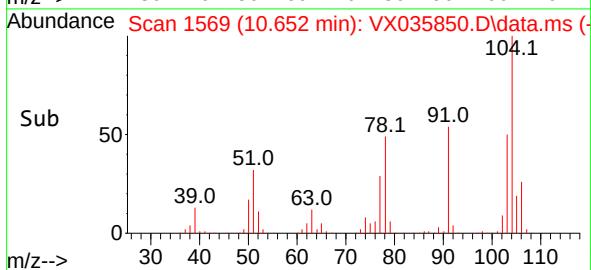
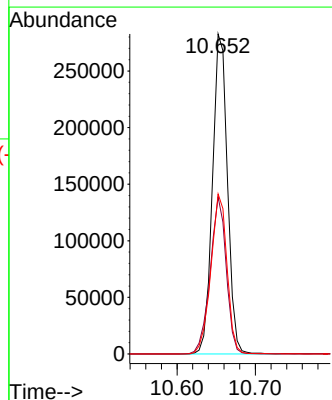
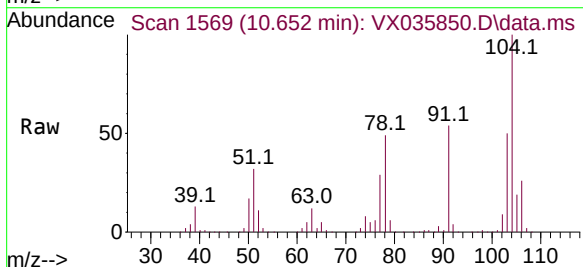
Manual Integrations
APPROVED

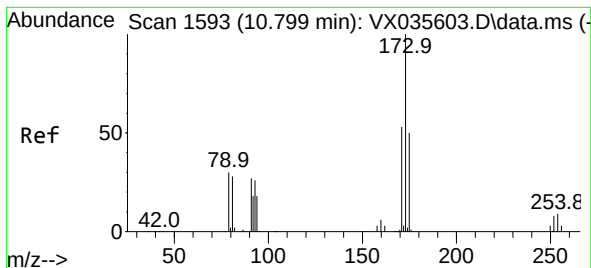
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#70
Styrene
Concen: 53.346 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.001 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

Tgt Ion:104 Resp: 374814
Ion Ratio Lower Upper
104 100
78 52.6 43.4 65.2
103 54.0 44.2 66.2





#71

Bromoform

Concen: 55.627 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX035850.D

Acq: 24 May 2023 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 81780

Ion Ratio Lower Upper

173 100

175 48.1 24.1 72.4

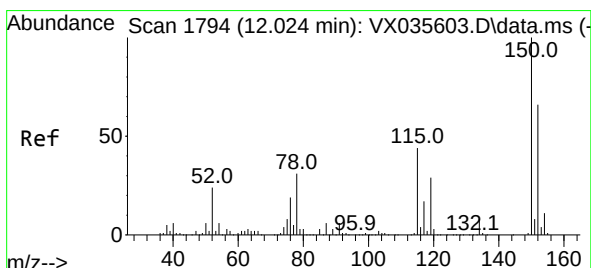
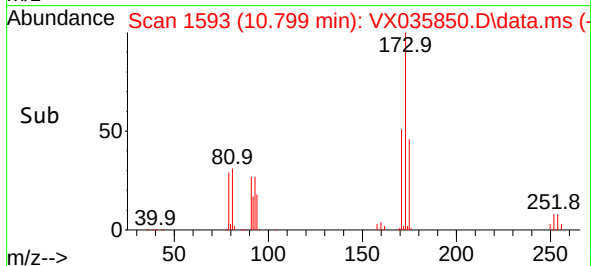
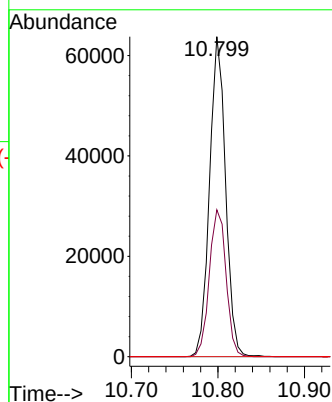
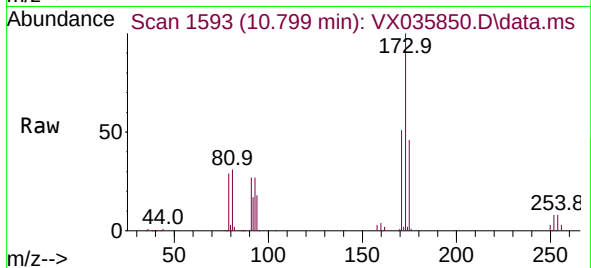
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX035850.D

Acq: 24 May 2023 20:41

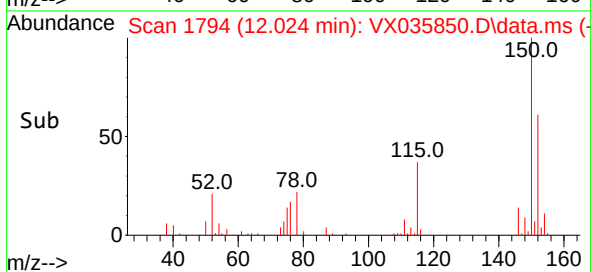
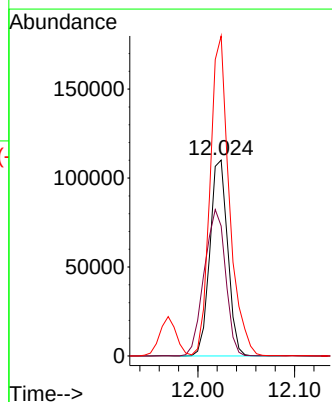
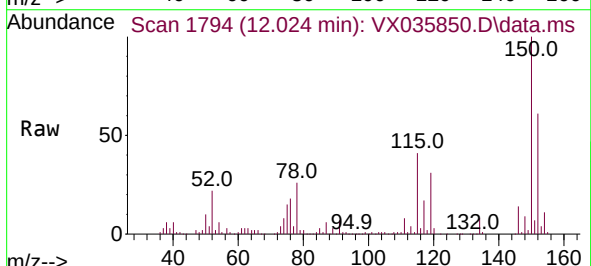
Tgt Ion:152 Resp: 141073

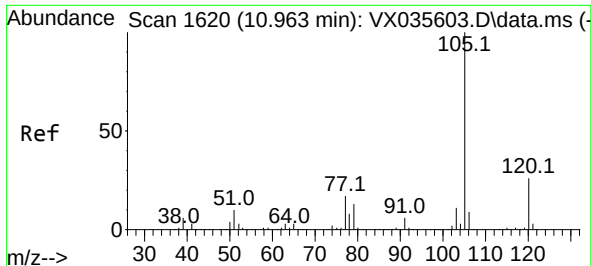
Ion Ratio Lower Upper

152 100

115 89.6 45.0 135.0

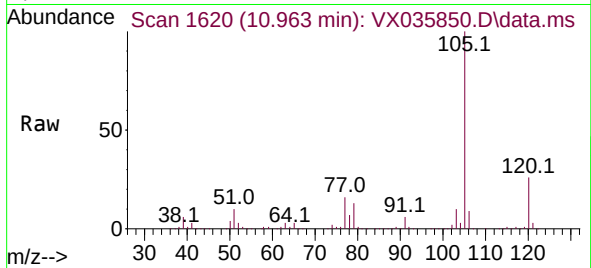
150 176.5 0.0 352.4





#73
Isopropylbenzene
Concen: 49.416 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

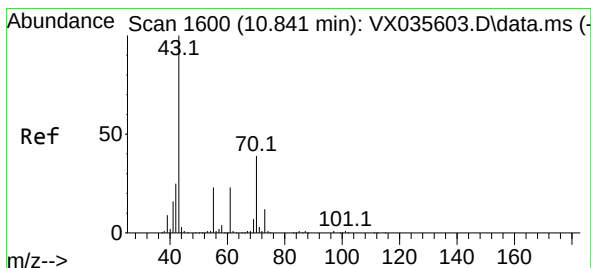
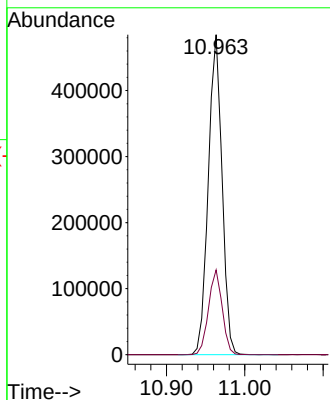
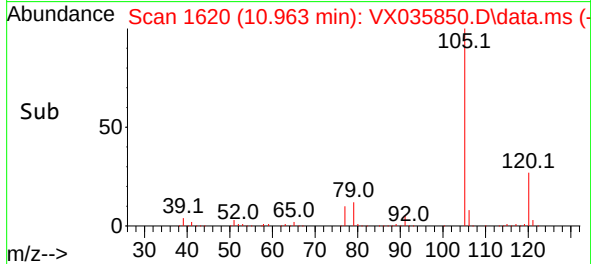
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 58743
Ion Ratio Lower Upper
105 100
120 26.3 13.3 39.9

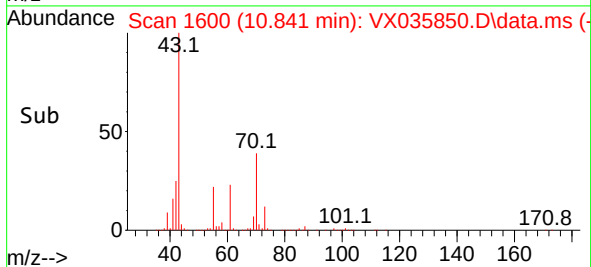
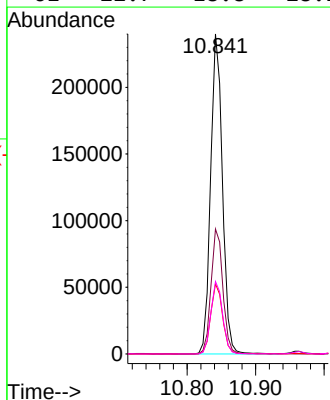
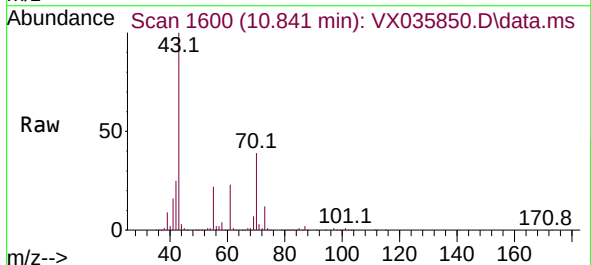
Manual Integrations
APPROVED

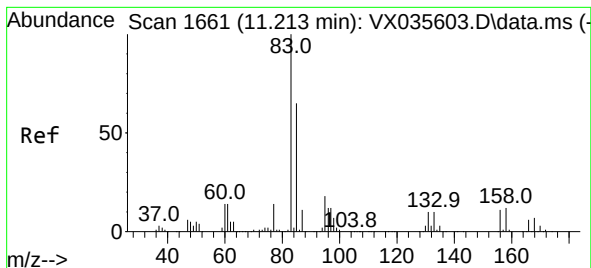
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#74
N-ethyl acetate
Concen: 51.879 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

Tgt Ion: 43 Resp: 287544
Ion Ratio Lower Upper
43 100
70 39.3 32.1 48.1
55 22.2 18.3 27.5
61 22.7 18.8 28.2





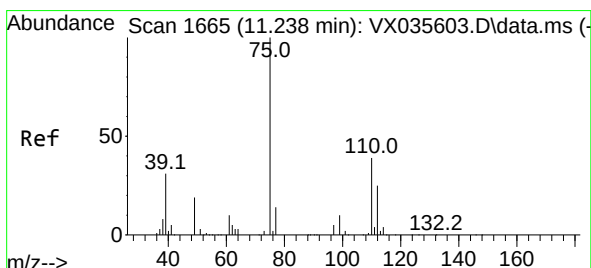
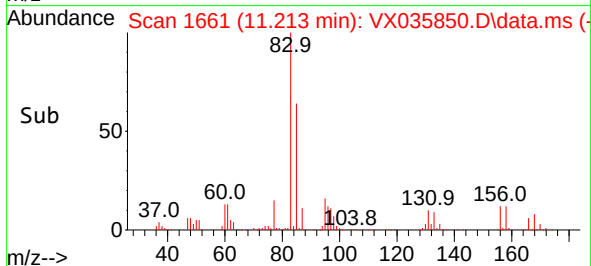
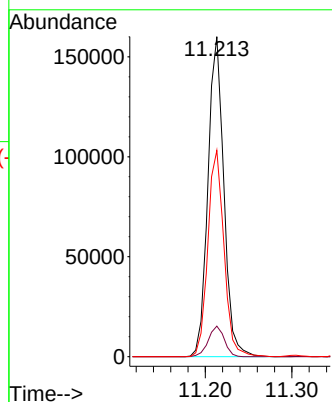
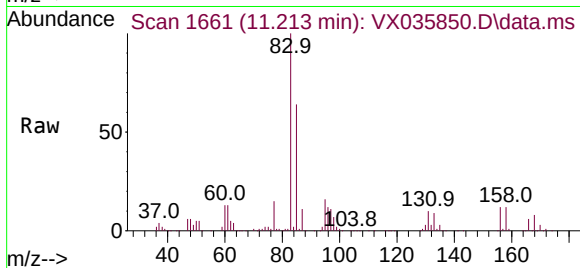
#75
1,1,2,2-Tetrachloroethane
Concen: 52.994 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 20435
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.3
85 65.4 32.0 96.0

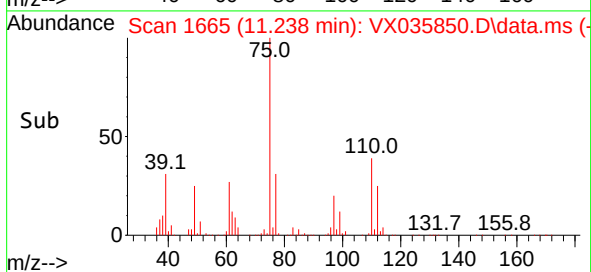
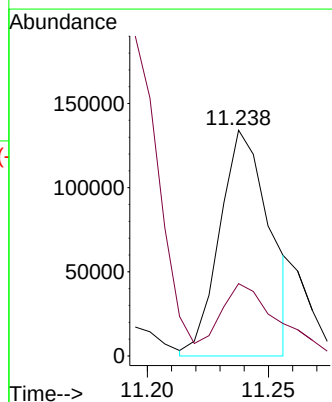
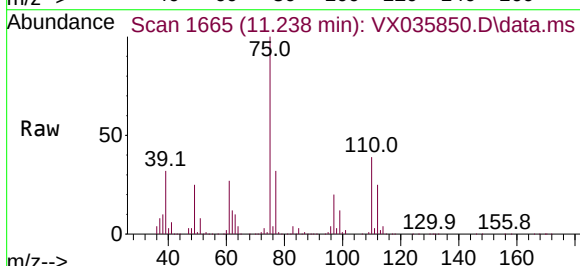
Manual Integrations
APPROVED

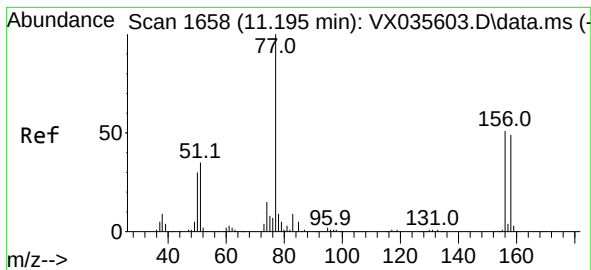
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#76
1,2,3-Trichloropropane
Concen: 55.861 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

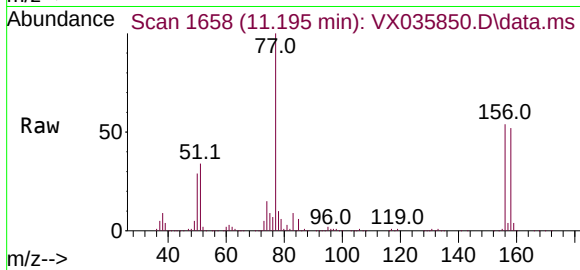
Tgt Ion: 75 Resp: 192760
Ion Ratio Lower Upper
75 100
77 37.0 21.6 64.8





#77
Bromobenzene
Concen: 50.047 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

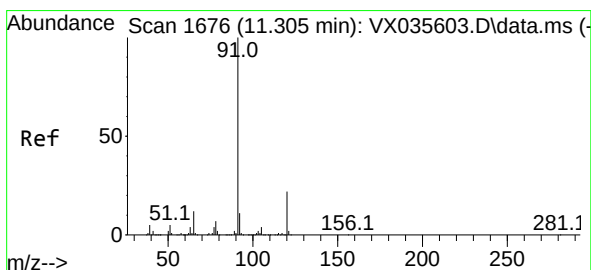
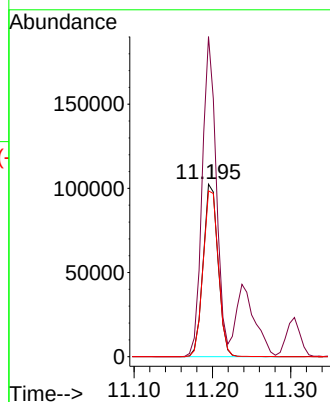
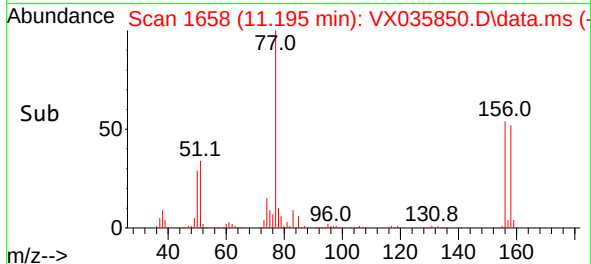
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



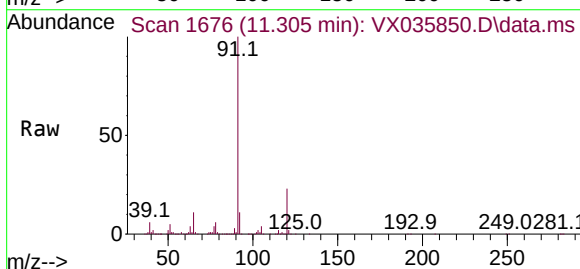
Tgt Ion:156 Resp: 135035
Ion Ratio Lower Upper
156 100
77 175.5 86.7 259.9
158 98.8 48.0 144.0

Manual Integrations
APPROVED

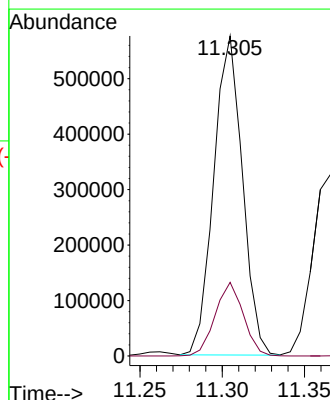
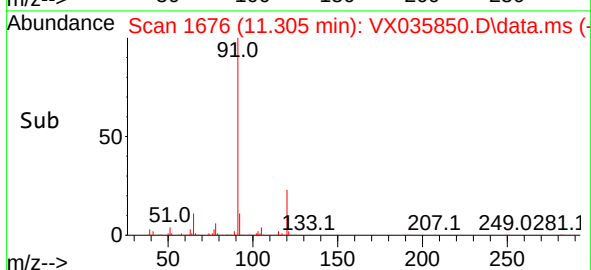
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

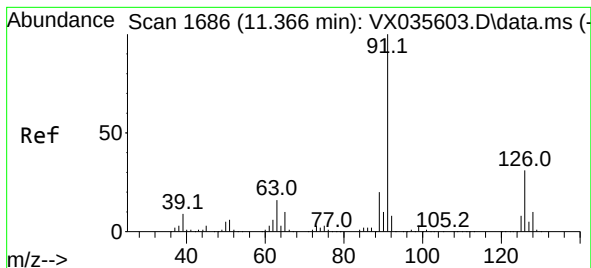


#78
n-propylbenzene
Concen: 49.877 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41



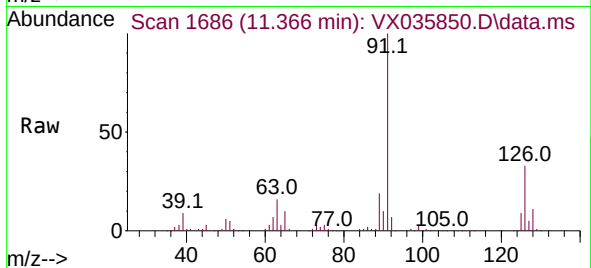
Tgt Ion: 91 Resp: 696979
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.5





#79
2-Chlorotoluene
Concen: 47.315 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

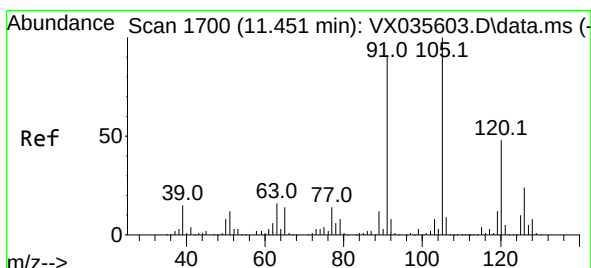
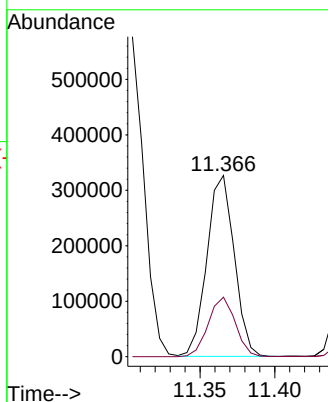
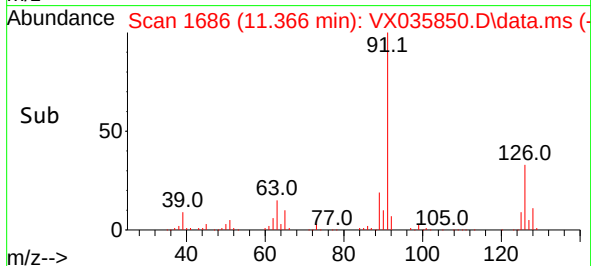
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



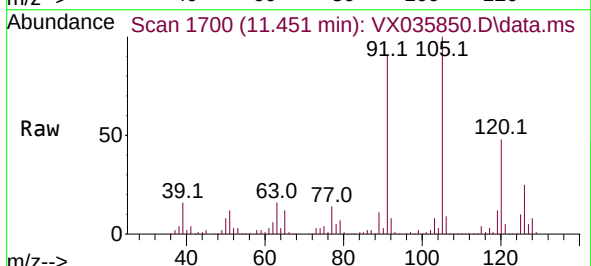
Tgt Ion: 91 Resp: 41395
Ion Ratio Lower Upper
91 100
126 32.6 16.3 48.9

Manual Integrations
APPROVED

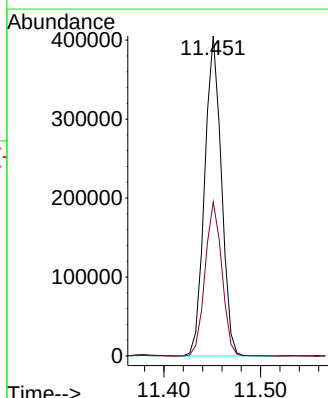
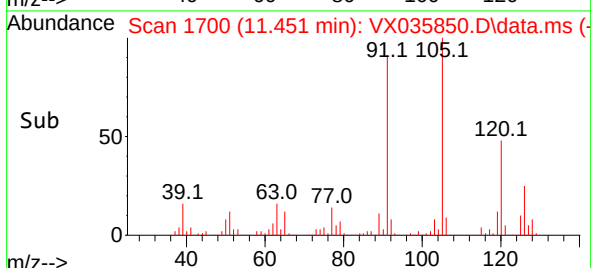
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

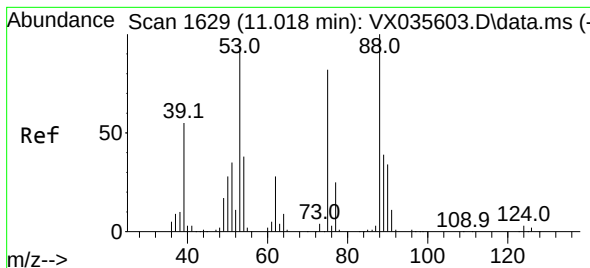


#80
1,3,5-Trimethylbenzene
Concen: 48.311 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41



Tgt Ion:105 Resp: 488113
Ion Ratio Lower Upper
105 100
120 48.3 23.7 71.1





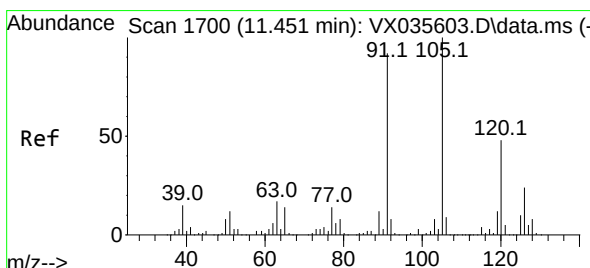
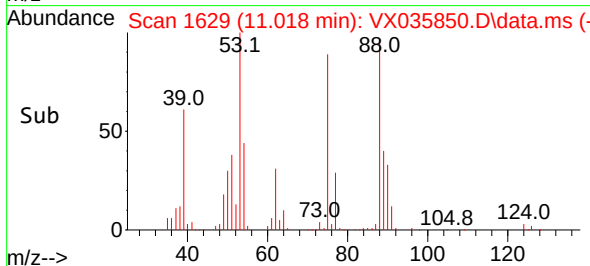
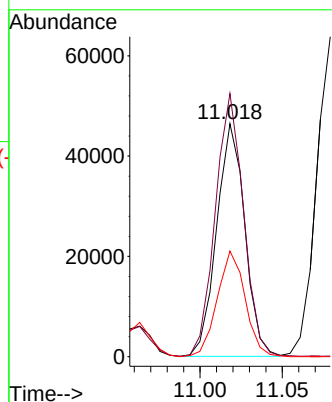
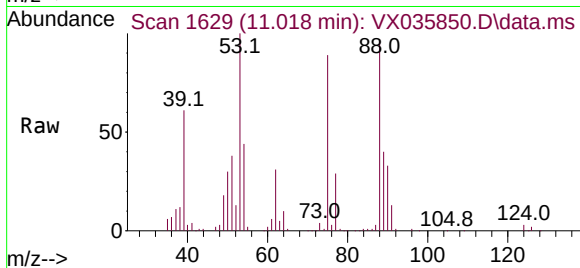
#81
trans-1,4-Dichloro-2-butene
Concen: 51.635 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 5528
Ion Ratio Lower Upper
75 100
53 112.8 82.6 124.0
89 44.9 36.9 55.3

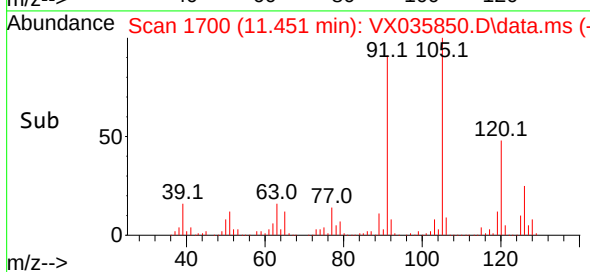
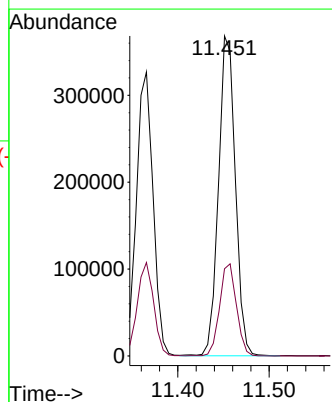
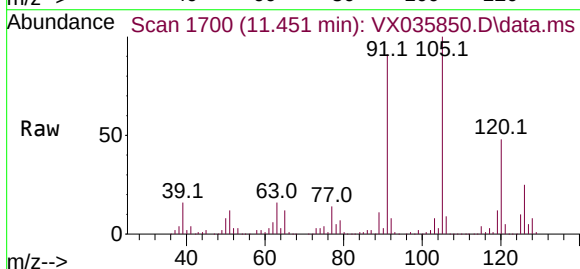
Manual Integrations
APPROVED

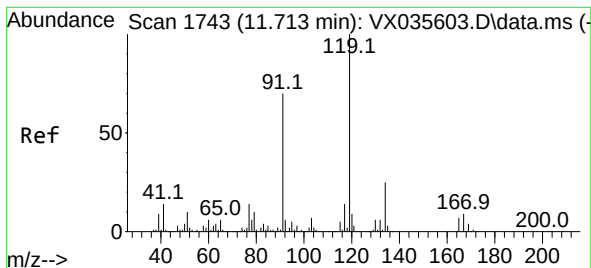
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#82
4-Chlorotoluene
Concen: 46.789 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

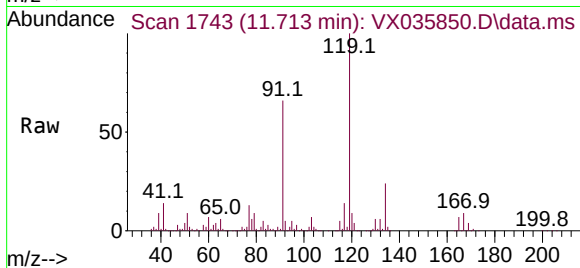
Tgt Ion: 91 Resp: 471428
Ion Ratio Lower Upper
91 100
126 28.8 14.2 42.6





#83
tert-Butylbenzene
Concen: 49.044 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

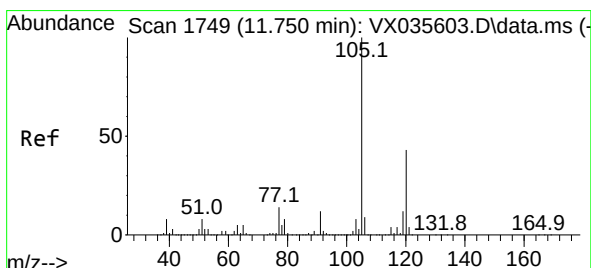
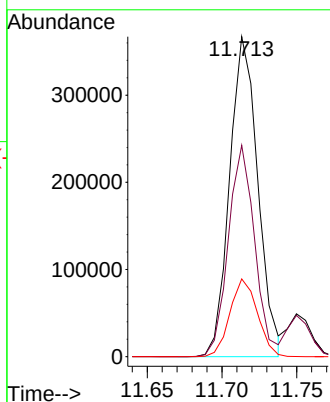
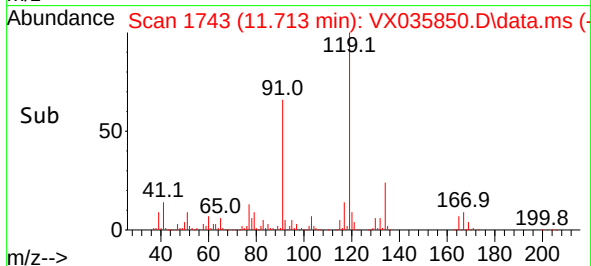
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



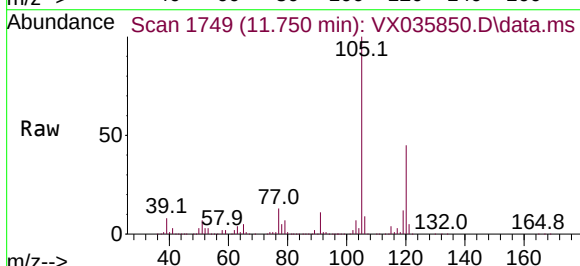
Tgt Ion:119 Resp: 48166
Ion Ratio Lower Upper
119 100
91 61.7 30.6 92.0
134 23.7 11.8 35.4

Manual Integrations
APPROVED

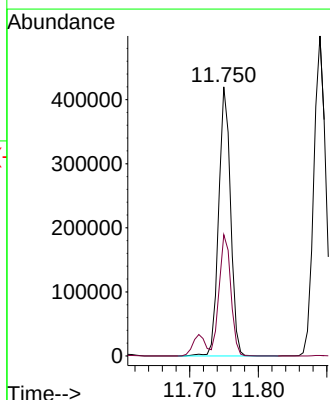
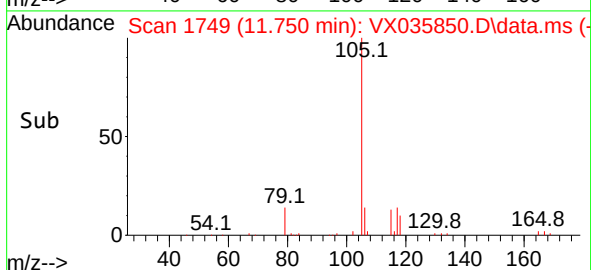
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

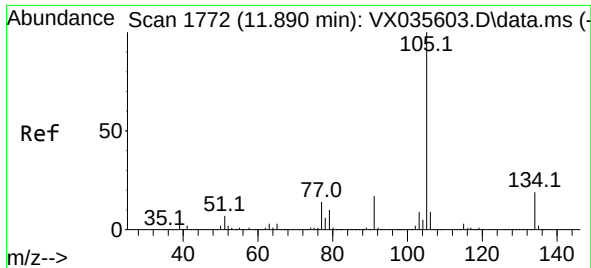


#84
1,2,4-Trimethylbenzene
Concen: 49.379 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41



Tgt Ion:105 Resp: 500939
Ion Ratio Lower Upper
105 100
120 44.2 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 49.427 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX035850.D
 Acq: 24 May 2023 20:41

Instrument :

MSVOA_X

ClientSampleId :

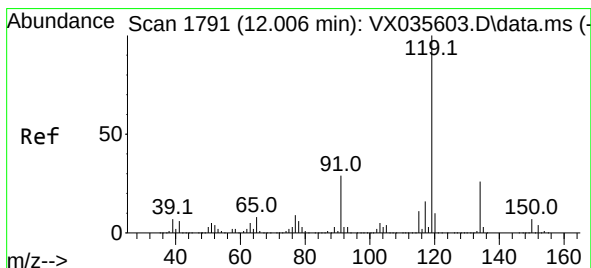
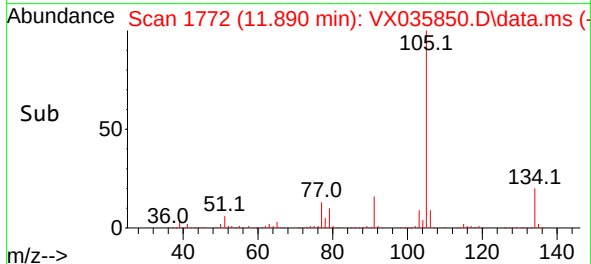
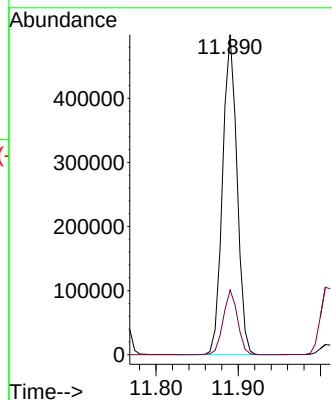
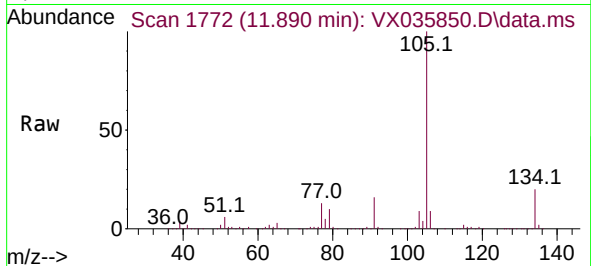
VSTDCCC050EC

Tgt Ion:105 Resp: 60948
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.2 30.4

Manual Integrations

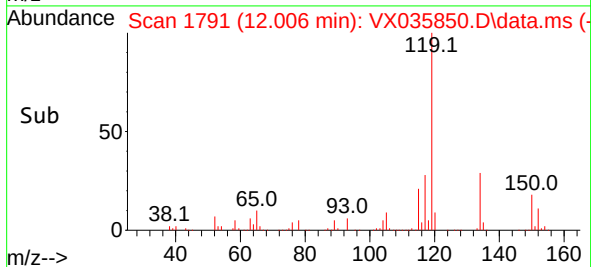
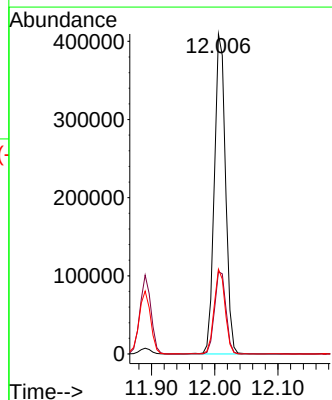
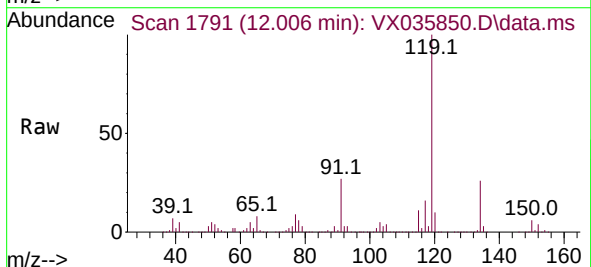
APPROVED

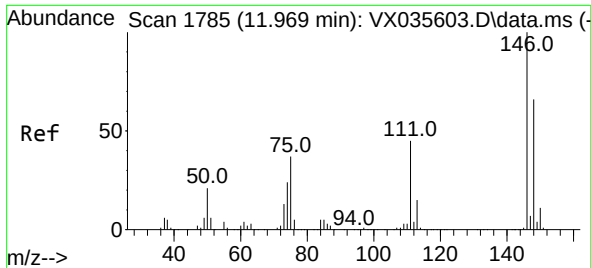
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023



#86
 p-Isopropyltoluene
 Concen: 49.621 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX035850.D
 Acq: 24 May 2023 20:41

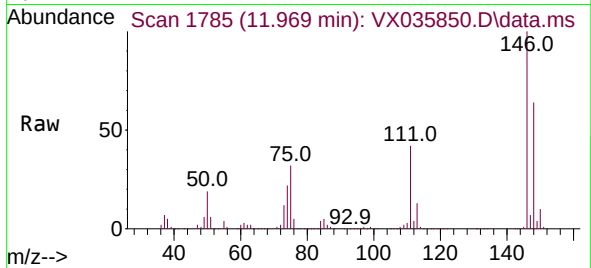
Tgt Ion:119 Resp: 503040
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.5
 91 26.0 12.9 38.7





#87
1,3-Dichlorobenzene
Concen: 51.234 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

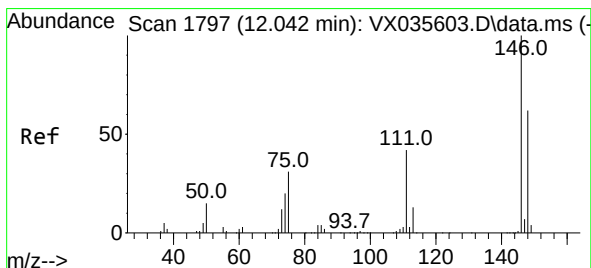
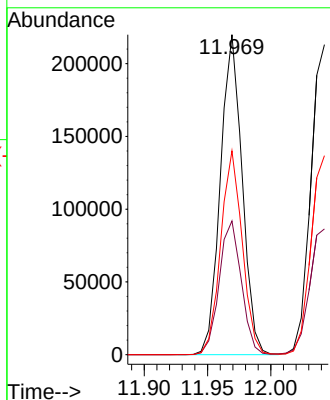
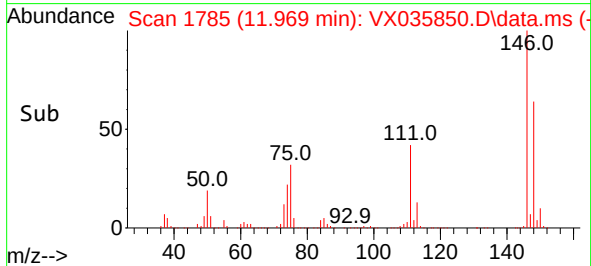
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



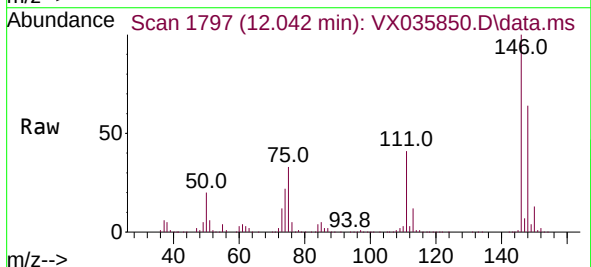
Tgt Ion:146 Resp: 262607
Ion Ratio Lower Upper
146 100
111 42.6 20.9 62.8
148 63.1 31.6 95.0

Manual Integrations
APPROVED

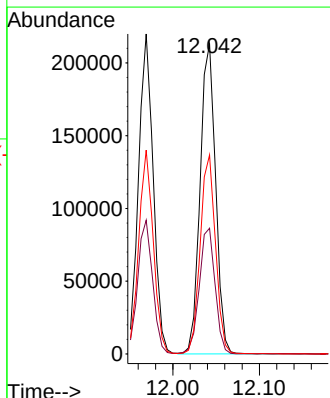
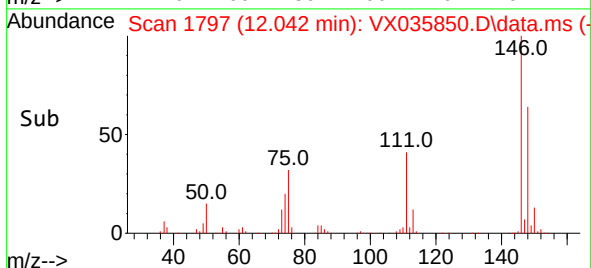
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

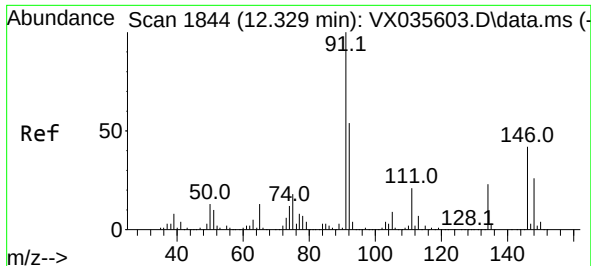


#88
1,4-Dichlorobenzene
Concen: 51.107 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41



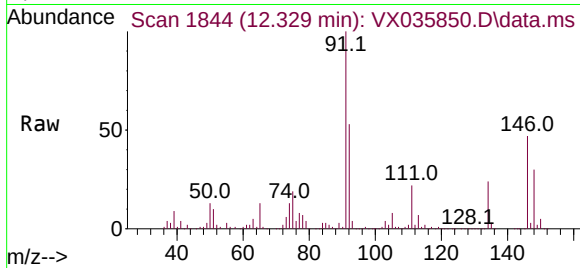
Tgt Ion:146 Resp: 264517
Ion Ratio Lower Upper
146 100
111 41.4 20.6 61.9
148 63.6 31.8 95.4





#89
n-Butylbenzene
Concen: 49.088 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

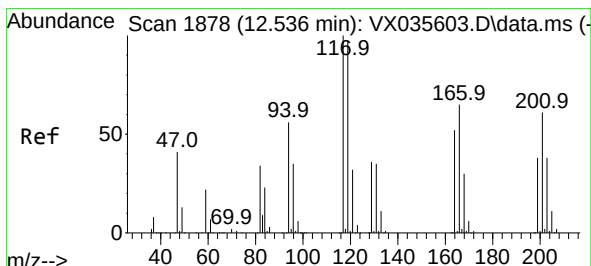
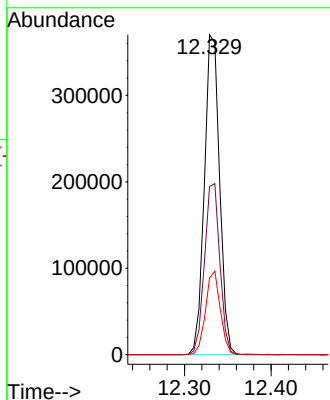
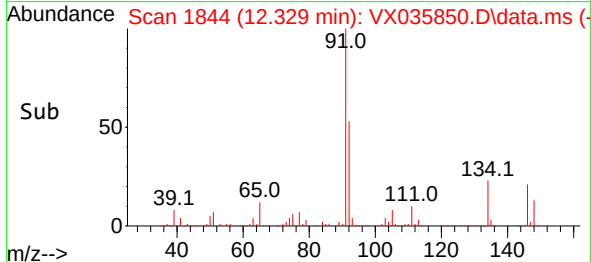
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 452688
Ion Ratio Lower Upper
91 100
92 54.0 27.7 83.0
134 25.2 13.0 38.9

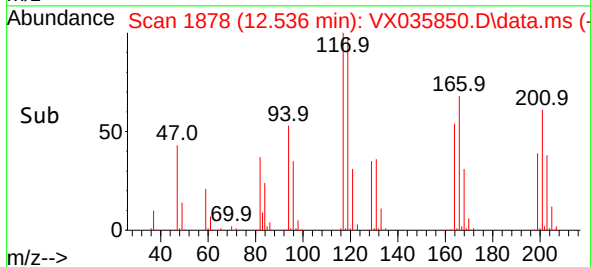
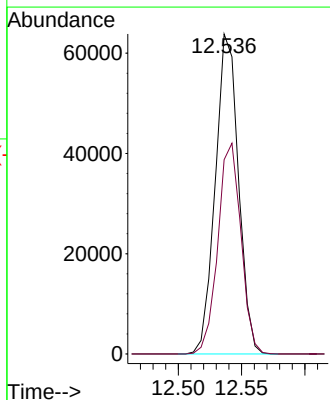
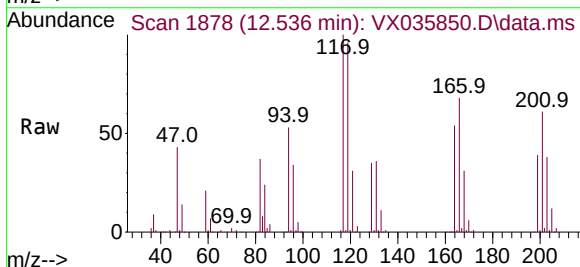
Manual Integrations
APPROVED

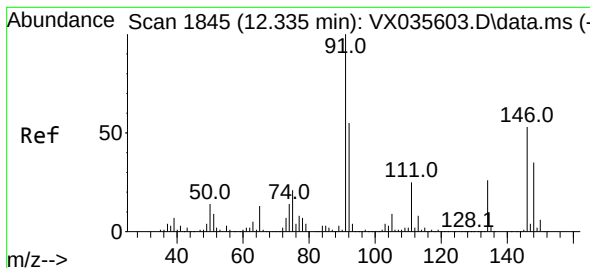
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#90
Hexachloroethane
Concen: 52.794 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

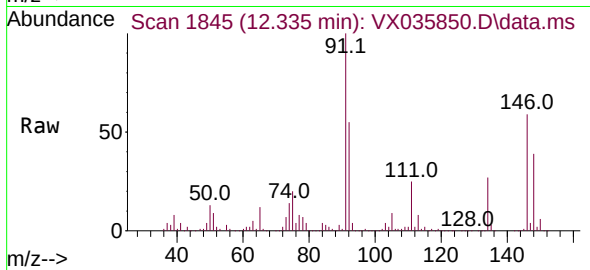
Tgt Ion:117 Resp: 81120
Ion Ratio Lower Upper
117 100
201 65.7 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 51.500 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

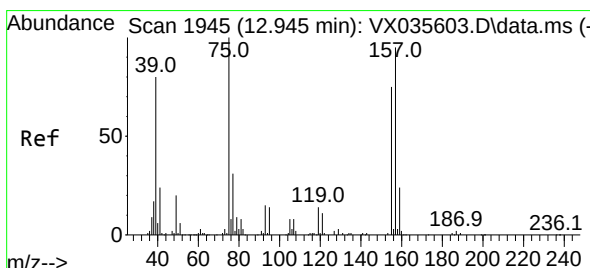
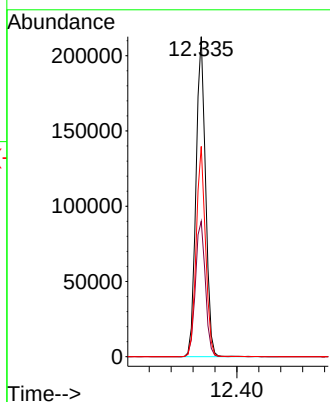
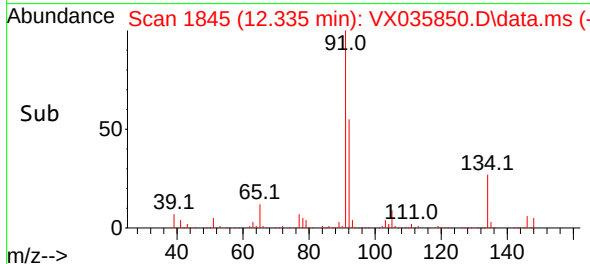
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



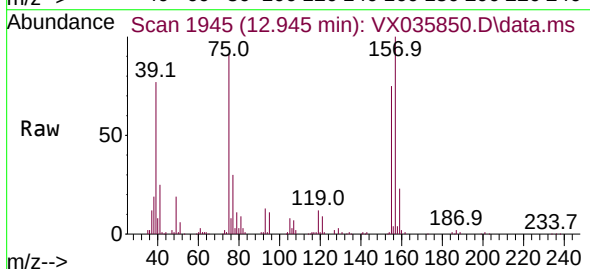
Tgt Ion:146 Resp: 258492
Ion Ratio Lower Upper
146 100
111 44.0 22.0 66.0
148 64.2 32.0 96.0

Manual Integrations
APPROVED

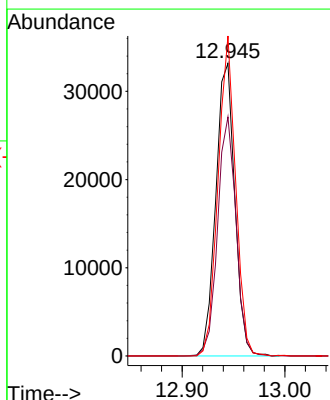
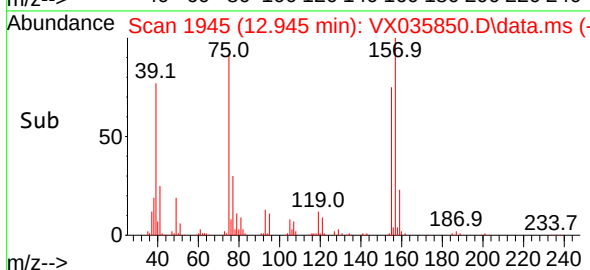
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

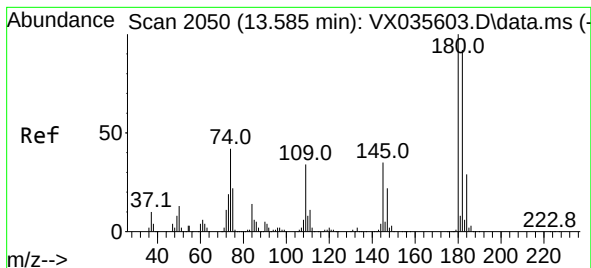


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.533 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41



Tgt Ion: 75 Resp: 42534
Ion Ratio Lower Upper
75 100
155 78.9 38.4 115.1
157 101.0 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 52.383 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX035850.D

Acq: 24 May 2023 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

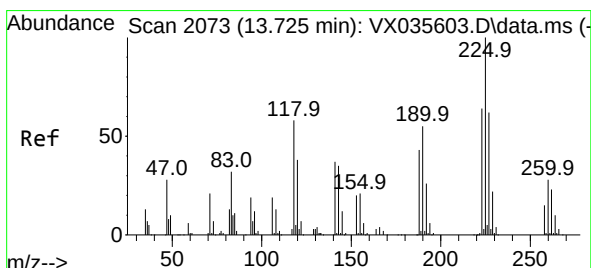
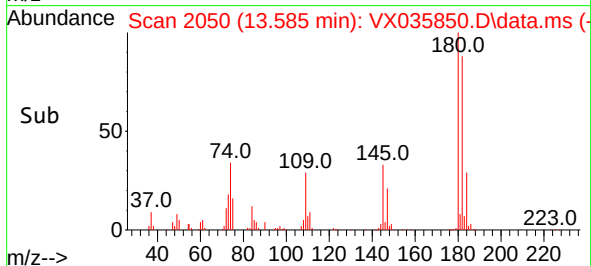
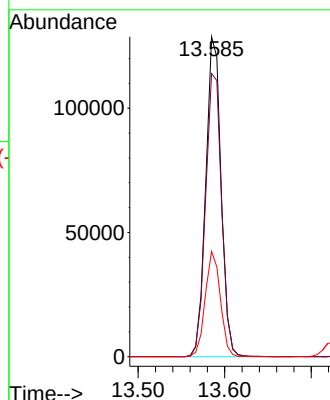
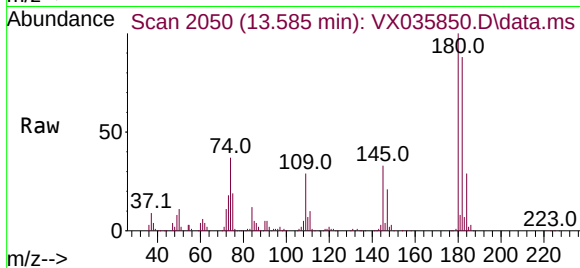
Tgt Ion:180	Resp: 15831
Ion Ratio	Lower Upper
180 100	
182 92.3	47.0 141.0
145 32.4	15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#94

Hexachlorobutadiene

Concen: 51.210 ug/l

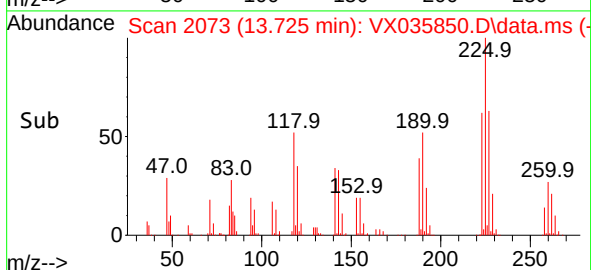
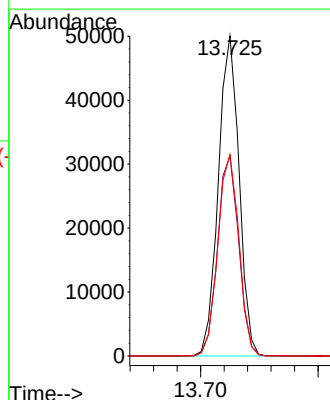
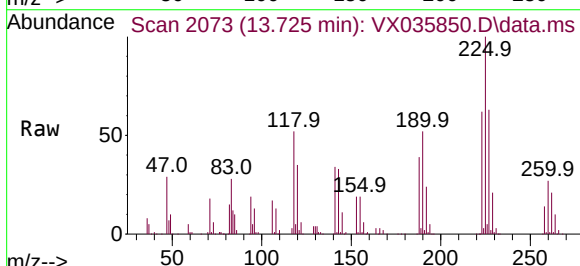
RT: 13.725 min Scan# 2073

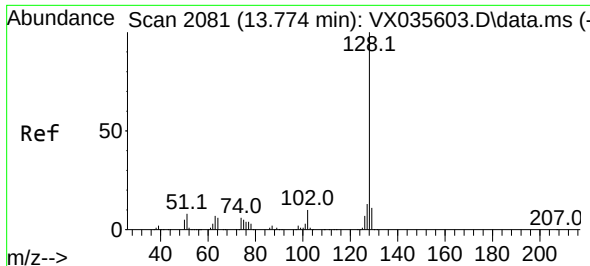
Delta R.T. 0.000 min

Lab File: VX035850.D

Acq: 24 May 2023 20:41

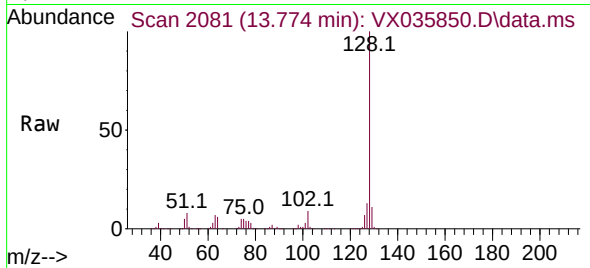
Tgt Ion:225	Resp: 61430
Ion Ratio	Lower Upper
225 100	
223 63.4	32.1 96.5
227 64.0	31.8 95.4





#95
Naphthalene
Concen: 53.950 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

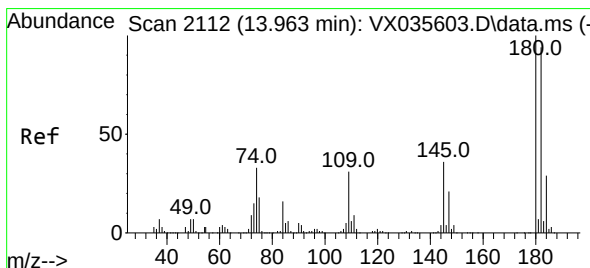
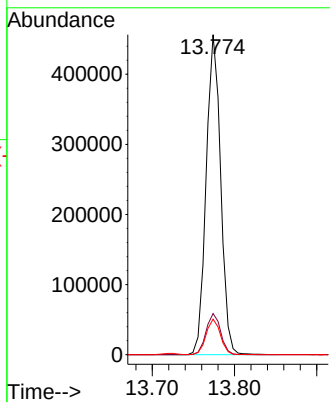
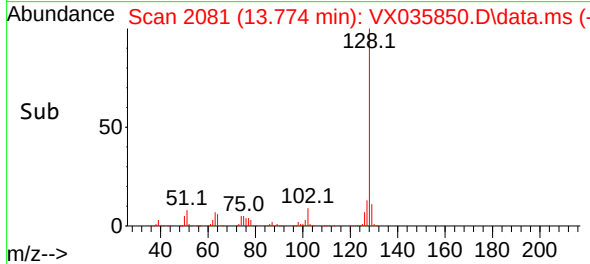
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 558364
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#96
1,2,3-Trichlorobenzene
Concen: 51.847 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035850.D
Acq: 24 May 2023 20:41

Tgt Ion:180 Resp: 154105
Ion Ratio Lower Upper
180 100
182 95.5 48.0 144.2
145 34.6 17.7 53.1

