

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052323\
 Data File : VX035810.D
 Acq On : 23 May 2023 13:08
 Operator : JC/MD
 Sample : VX0523WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBS01

Manual Integrations
 APPROVED

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

Quant Time: May 24 05:46:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 23 11:36:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	40223	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	233627	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	209058	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	98362	29.431	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.100%		
60) 4-Bromofluorobenzene	11.079	95	104193	29.702	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	99.000%		
63) Toluene-d8	8.647	98	279606	30.254	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.833%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	46219	22.471	ug/l	100
3) Chloromethane	1.294	50	49712	19.701	ug/l	89
4) Vinyl Chloride	1.374	62	48116	20.290	ug/l	97
5) Bromomethane	1.618	94	30294	18.990	ug/l	98
6) Chloroethane	1.691	64	29071	19.445	ug/l	98
7) Trichlorofluoromethane	1.886	101	77946	21.682	ug/l	99
8) Diethyl Ether	2.130	74	29059	19.442	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	45816	23.688	ug/l	99
10) 1,1-Dichloroethene	2.319	96	41751	20.707	ug/l	98
11) Methyl Iodide	2.453	142	46675	19.162	ug/l	95
12) Methyl Acetate	2.709	43	112316	19.714	ug/l	100
13) Acrolein	2.246	56	43782	97.213	ug/l	97
14) Acrylonitrile	3.075	53	140652	98.480	ug/l	100
15) Acetone	2.404	58	46199	108.144	ug/l	99
16) Carbon Disulfide	2.514	76	86042	19.663	ug/l	100
17) Allyl chloride	2.666	41	82781	20.351	ug/l	99
18) Methylene Chloride	2.788	84	51996	19.802	ug/l	99
19) trans-1,2-Dichloroethene	3.087	96	47479	20.889	ug/l	96
20) Diisopropyl ether	3.757	45	179043	20.389	ug/l	97
21) 1,1-Dichloroethane	3.611	63	92850	20.172	ug/l	97
22) cis-1,2-Dichloroethene	4.489	96	57911	20.590	ug/l	96
23) tert-Butyl Alcohol	3.075	59	53894m	103.375	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	161478	19.870	ug/l	94
25) Chloroform	5.086	83	93708	19.840	ug/l	99
26) Cyclohexane	5.464	56	77557	22.279	ug/l #	97
29) 1,1-Dichloropropene	5.690	75	68060	20.920	ug/l	98
30) 2-Butanone	4.568	43	215756	101.309	ug/l	99
31) 2,2-Dichloropropane	4.471	77	71921	20.577	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	76158	20.046	ug/l	100
33) Carbon Tetrachloride	5.672	117	59723	19.908	ug/l	99
34) Benzene	6.038	78	203370	19.815	ug/l	97
35) Methacrylonitrile	4.922	41	43509	19.146	ug/l	97
36) 1,2-Dichloroethane	6.080	62	75589	18.924	ug/l	99
37) Trichloroethene	7.123	130	52304	20.274	ug/l	100
38) Methylcyclohexane	7.379	83	83070	23.283	ug/l	100
39) 1,2-Dichloropropane	7.428	63	53377	19.322	ug/l	99
40) Dibromomethane	7.580	93	36172	19.360	ug/l	98
41) Bromodichloromethane	7.818	83	65290	19.330	ug/l #	94
42) Vinyl Acetate	3.721	43	630212	100.743	ug/l	99

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 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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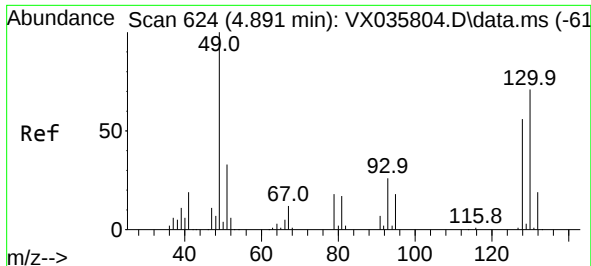
Manual Integrations
 APPROVED

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

Quant Time: May 24 05:46:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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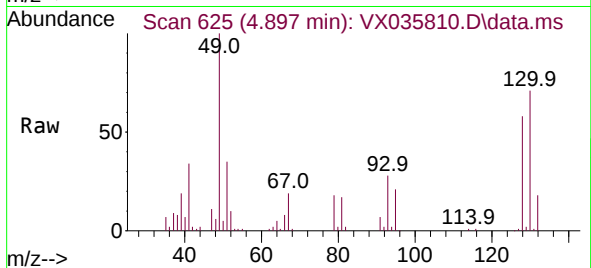
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	77221	19.013	ug/l #	82
44) Isopropyl Acetate	6.336	43	129829	19.610	ug/l	98
45) 1,4-Dioxane	7.745	88	25053m	398.415	ug/l	
46) Methyl methacrylate	7.690	41	60928	19.047	ug/l	97
47) n-amyl Acetate	10.842	43	108986	19.598	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	71006	19.002	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	79532	19.286	ug/l	100
50) 1,1,2-Trichloroethane	9.153	97	53156	19.885	ug/l	99
51) Ethyl methacrylate	9.116	69	80124	19.445	ug/l	99
52) 1,3-Dichloropropane	9.305	76	92195	19.791	ug/l	100
53) Dibromochloromethane	9.519	129	44991	18.353	ug/l	100
54) 1,2-Dibromoethane	9.610	107	53587	19.296	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	205484	93.969	ug/l	99
56) Bromoform	10.799	173	28452	17.904	ug/l	95
58) 4-Methyl-2-Pentanone	8.574	43	401883	98.970	ug/l	99
59) 2-Hexanone	9.433	43	307995	100.802	ug/l	100
61) Tetrachloroethene	9.275	164	41948	20.835	ug/l	97
62) Toluene	8.714	91	218034	20.252	ug/l	100
64) Chlorobenzene	10.079	112	135744	19.909	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	46183	19.374	ug/l	98
66) Ethyl Benzene	10.195	91	245297	20.373	ug/l	98
67) m/p-Xylenes	10.299	106	187752	41.197	ug/l	96
68) o-Xylene	10.640	106	91149	19.995	ug/l	100
69) Styrene	10.653	104	149202	19.831	ug/l	99
70) Isopropylbenzene	10.963	105	238929	20.534	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	81356	19.740	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	74573m	20.775	ug/l	
73) Bromobenzene	11.195	156	55556	19.653	ug/l	95
74) n-propylbenzene	11.305	91	288351	20.790	ug/l	100
75) 2-Chlorotoluene	11.366	91	173771	20.397	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	205031	20.747	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	18965	17.514	ug/l	93
78) 4-Chlorotoluene	11.451	91	195846	20.179	ug/l	98
79) tert-butylbenzene	11.713	119	198214	20.776	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	201635	20.303	ug/l	100
81) sec-Butylbenzene	11.890	105	252375	20.952	ug/l	99
82) p-Isopropyltoluene	12.006	119	209207	20.877	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	107822	20.153	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	110407	20.559	ug/l	100
85) n-Butylbenzene	12.329	91	188915	21.191	ug/l	100
86) Hexachloroethane	12.536	117	28360	17.972	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	107738	20.552	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.939	75	14718	18.685	ug/l	96
89) 1,2,4-Trichlorobenzene	13.585	180	66395	21.134	ug/l	99
90) Hexachlorobutadiene	13.725	225	25640	22.139	ug/l	95
91) Naphthalene	13.774	128	222706	20.485	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	66370	21.159	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

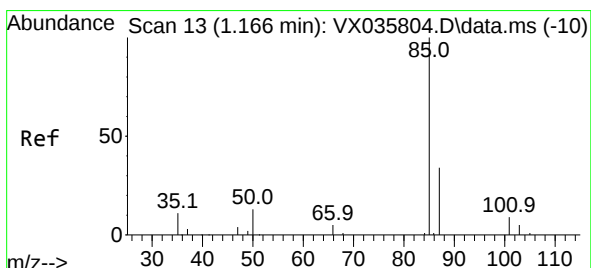
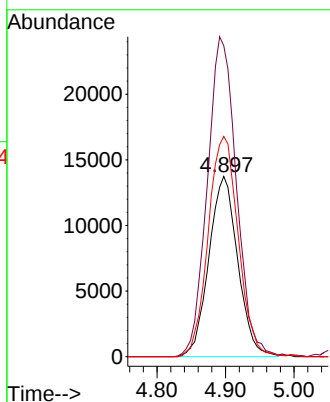
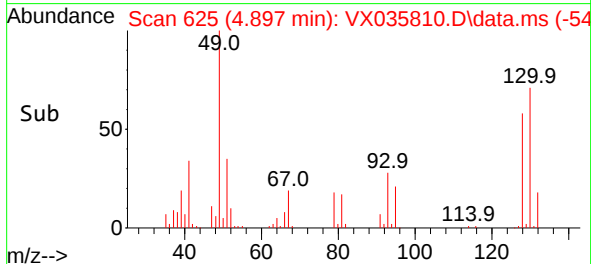
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01



Tgt Ion:128 Resp: 4022
Ion Ratio Lower Upper
128 100
49 179.2 0.0 428.8
130 127.2 0.0 310.8

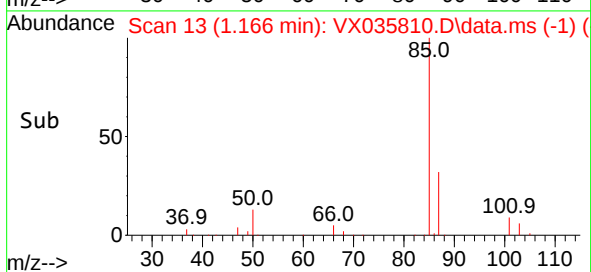
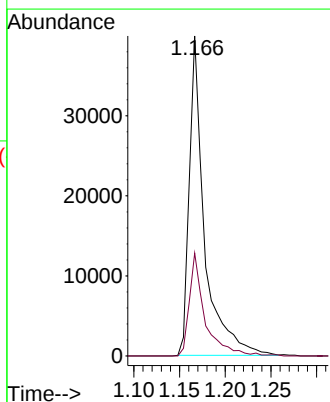
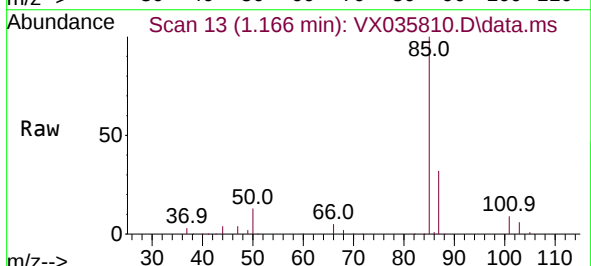
Manual Integrations
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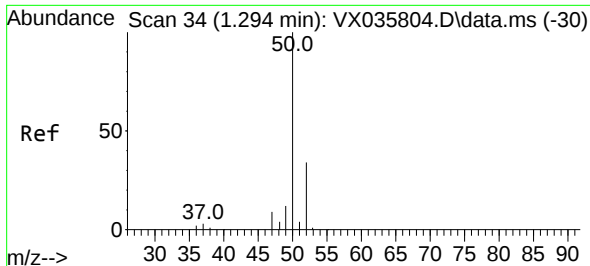
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#2
Dichlorodifluoromethane
Concen: 22.471 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

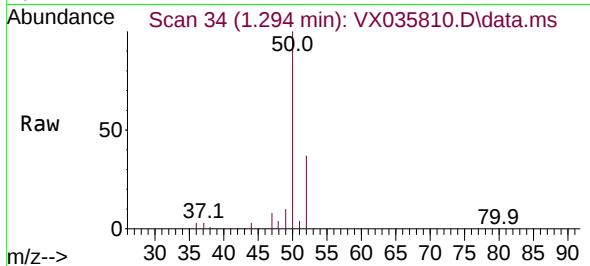
Tgt Ion: 85 Resp: 46219
Ion Ratio Lower Upper
85 100
87 32.2 16.0 48.0





#3
Chloromethane
Concen: 19.701 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

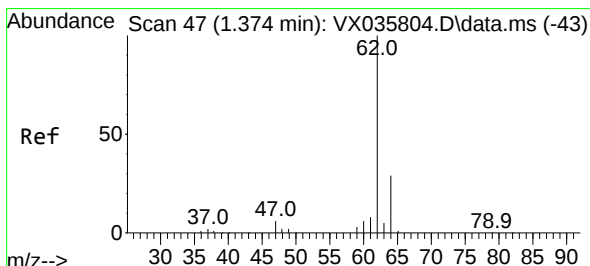
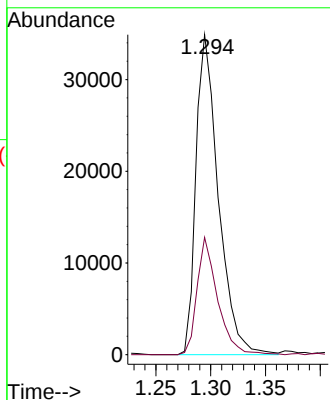
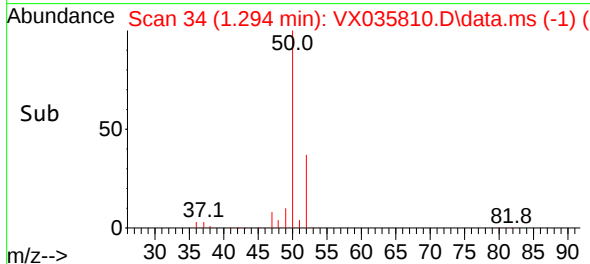
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01



Tgt Ion: 50 Resp: 49712
Ion Ratio Lower Upper
50 100
52 36.7 24.6 36.8

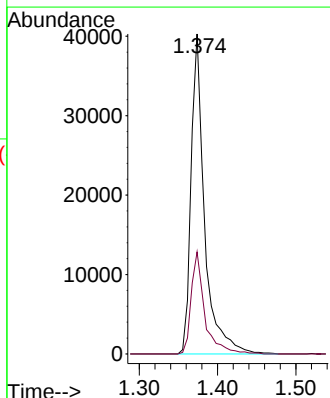
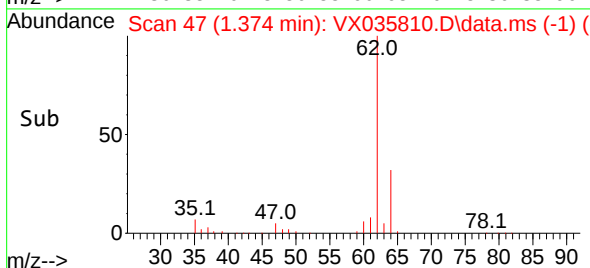
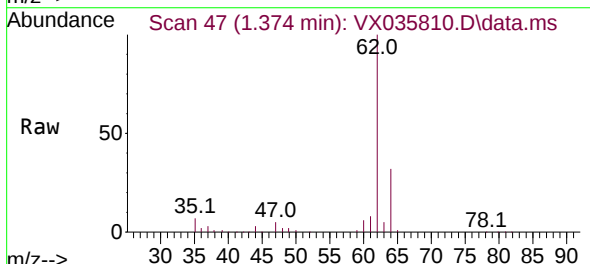
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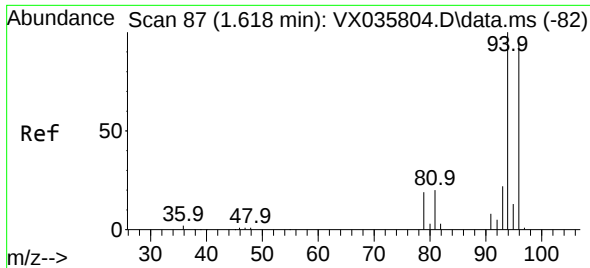
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#4
Vinyl Chloride
Concen: 20.290 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

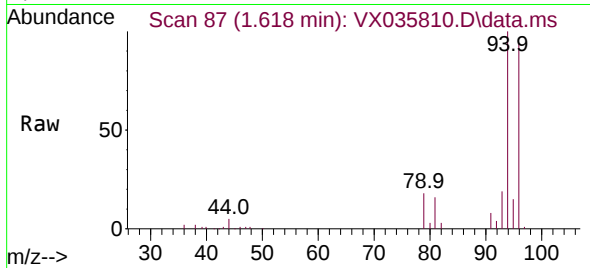
Tgt Ion: 62 Resp: 48116
Ion Ratio Lower Upper
62 100
64 31.9 26.9 40.3





#5
Bromomethane
Concen: 18.990 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

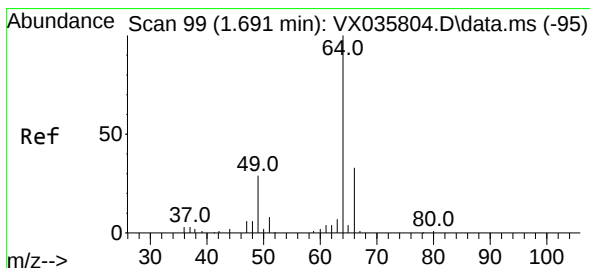
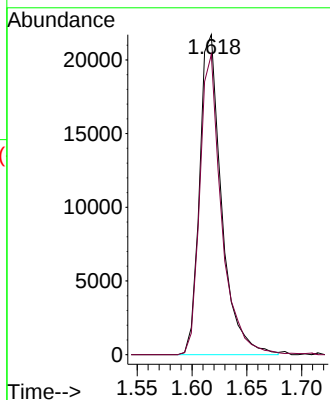
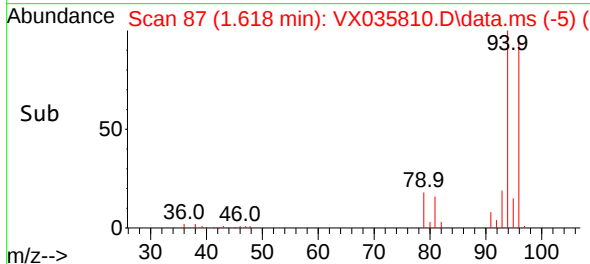
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01



Tgt Ion: 94 Resp: 30294
Ion Ratio Lower Upper
94 100
96 93.7 73.4 110.0

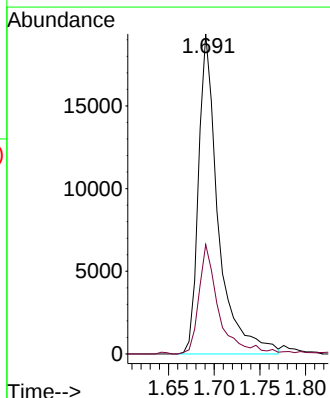
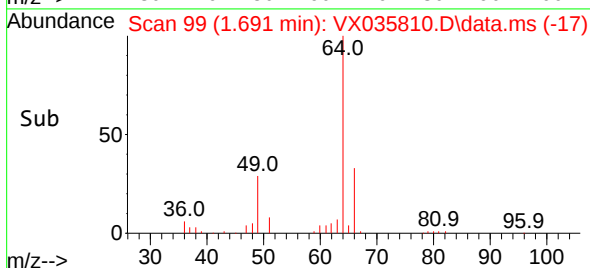
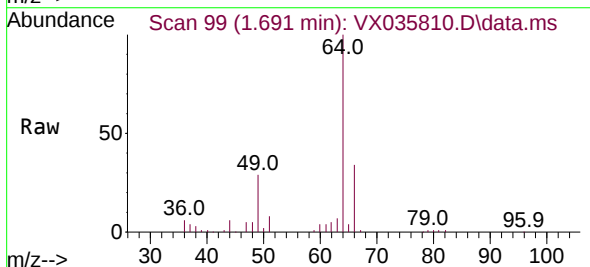
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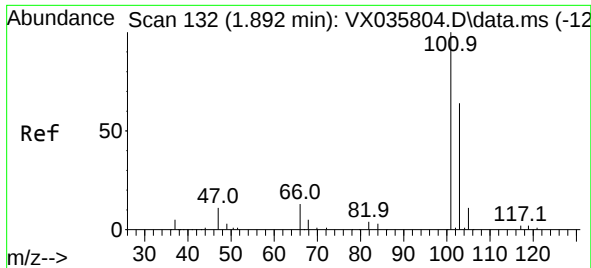
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#6
Chloroethane
Concen: 19.445 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

Tgt Ion: 64 Resp: 29071
Ion Ratio Lower Upper
64 100
66 34.2 26.6 40.0





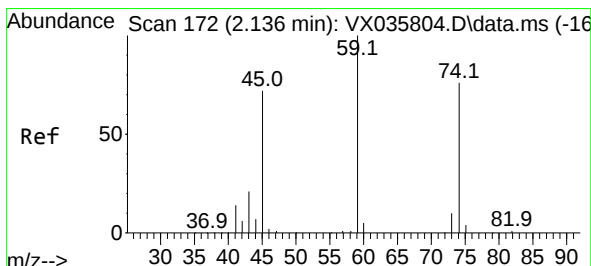
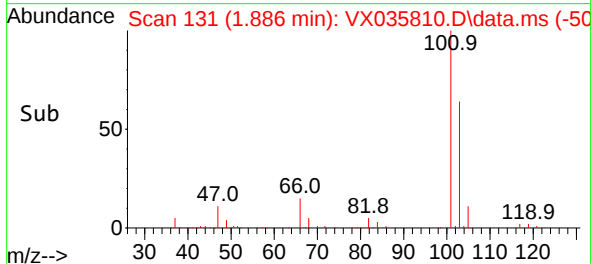
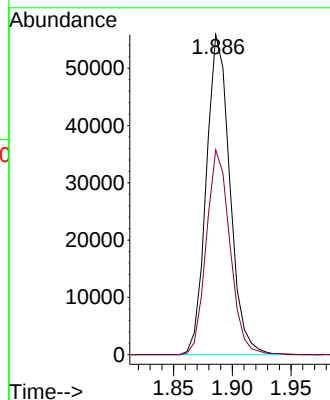
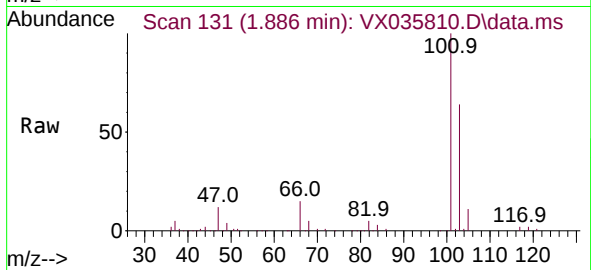
#7
Trichlorofluoromethane
Concen: 21.682 ug/l
RT: 1.886 min Scan# 111
Delta R.T. -0.006 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01

Tgt Ion:101 Resp: 77940
Ion Ratio Lower Upper
101 100
103 64.0 52.1 78.1

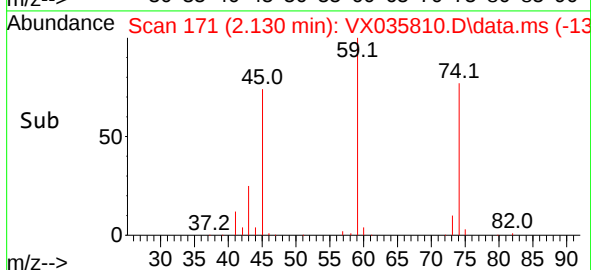
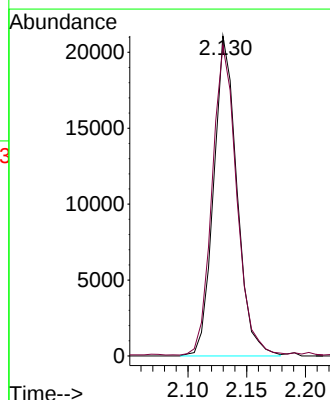
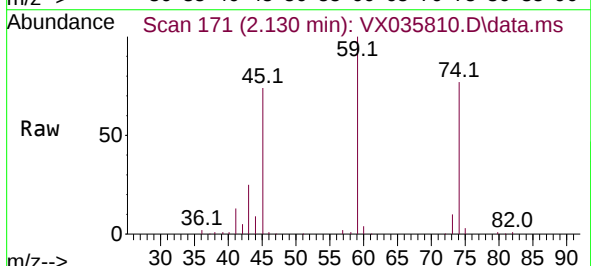
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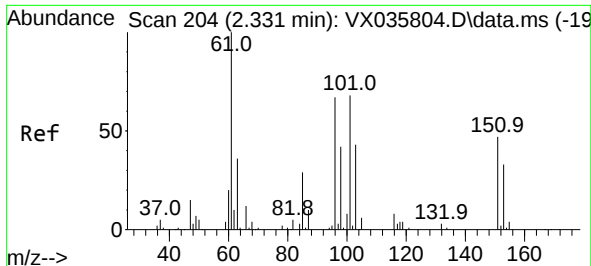
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#8
Diethyl Ether
Concen: 19.442 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

Tgt Ion: 74 Resp: 29059
Ion Ratio Lower Upper
74 100
45 102.7 20.5 184.5





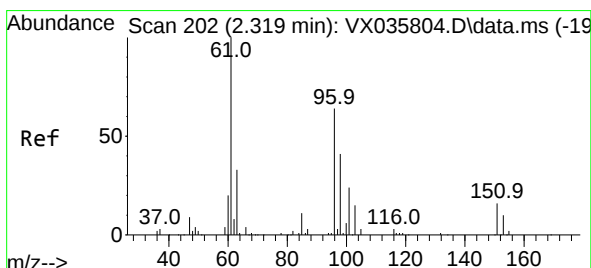
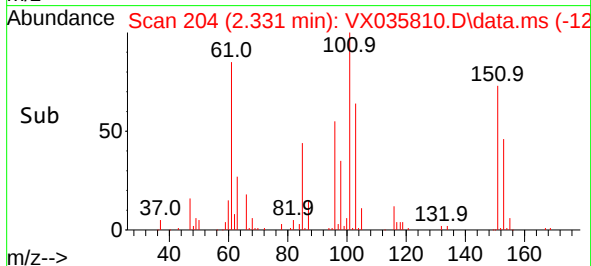
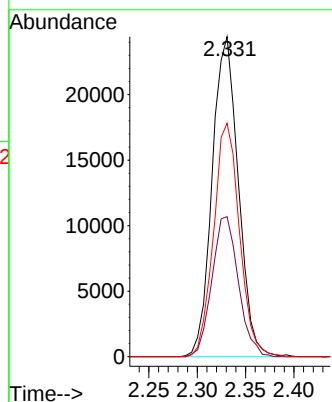
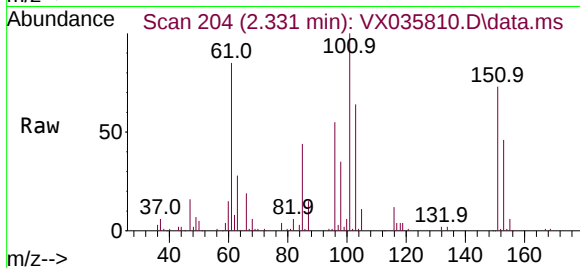
#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.688 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01

Tgt Ion:101 Resp: 45810
Ion Ratio Lower Upper
101 100
85 44.4 0.0 88.8
151 72.4 0.0 147.6

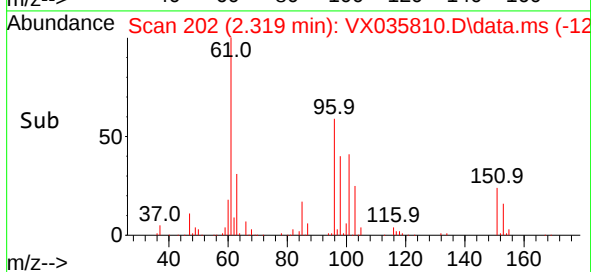
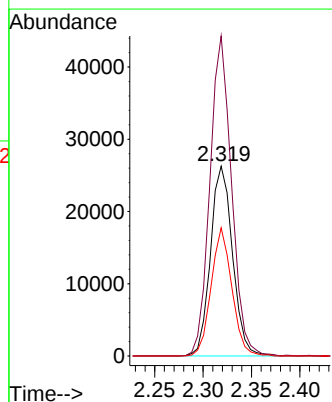
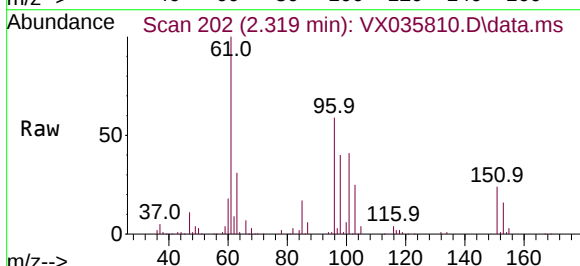
Manual Integrations
APPROVED

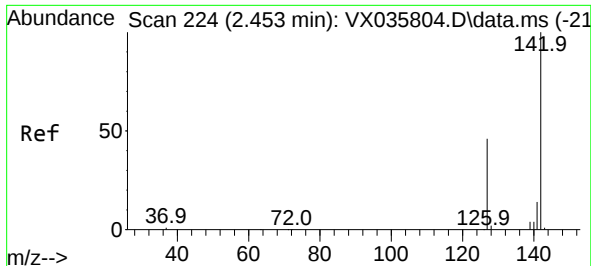
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#10
1,1-Dichloroethene
Concen: 20.707 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

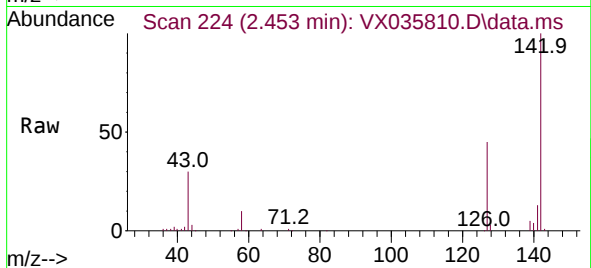
Tgt Ion: 96 Resp: 41751
Ion Ratio Lower Upper
96 100
61 168.6 135.8 203.6
98 67.5 49.8 74.6





#11
Methyl Iodide
Concen: 19.162 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

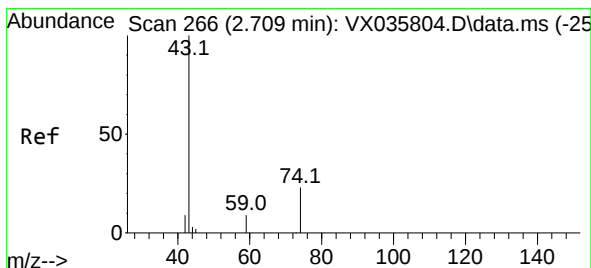
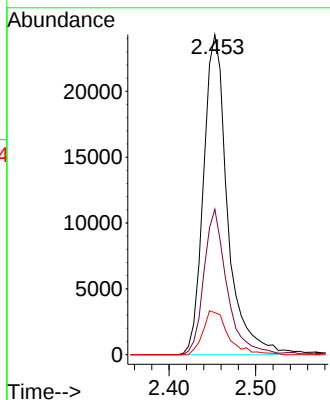
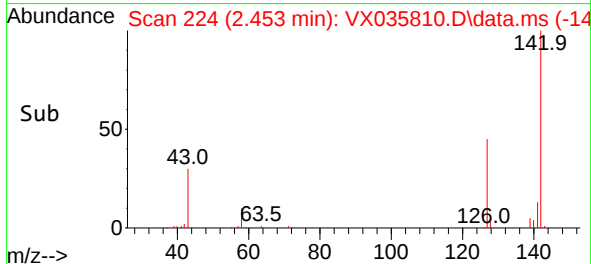
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01



Tgt Ion:142 Resp: 46675
Ion Ratio Lower Upper
142 100
127 45.6 24.5 73.5
141 13.1 7.6 22.8

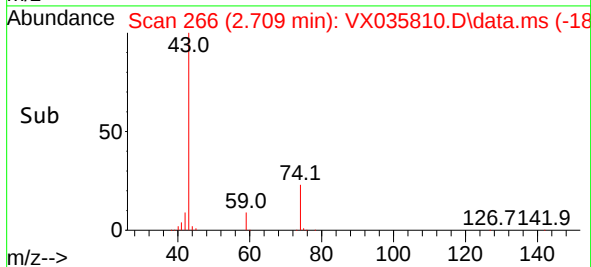
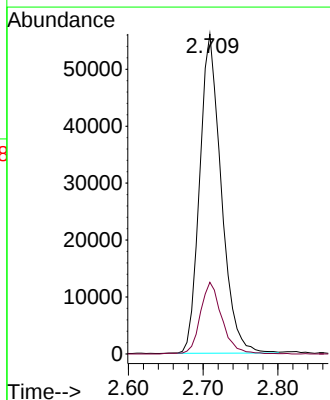
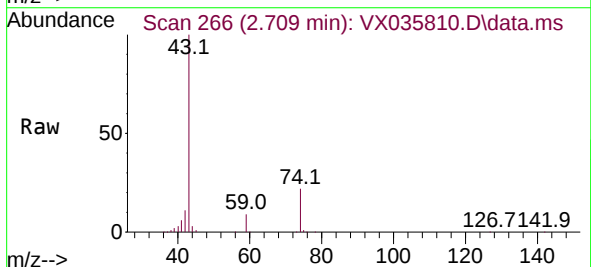
Manual Integrations
APPROVED

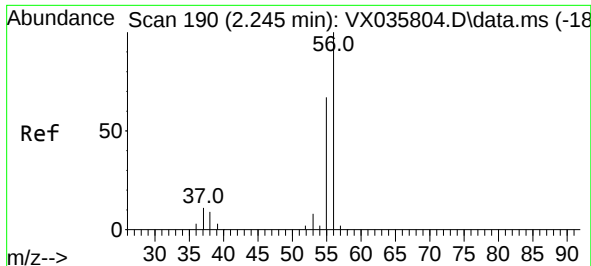
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#12
Methyl Acetate
Concen: 19.714 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

Tgt Ion: 43 Resp: 112316
Ion Ratio Lower Upper
43 100
74 22.3 18.0 27.0





#13

Acrolein

Concen: 97.213 ug/l

RT: 2.246 min Scan# 190

Delta R.T. 0.000 min

Lab File: VX035810.D

Acq: 23 May 2023 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBS01

Tgt Ion: 56 Resp: 4378

Ion Ratio Lower Upper

56 100

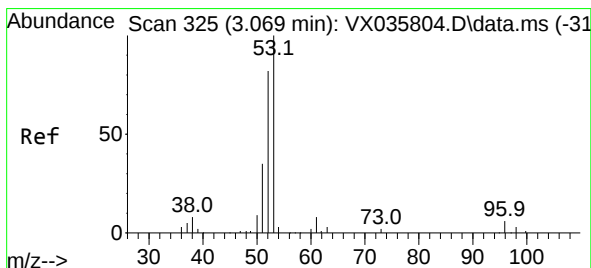
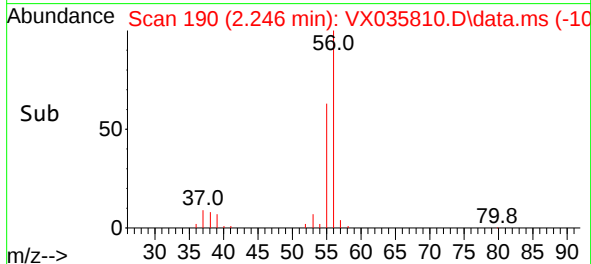
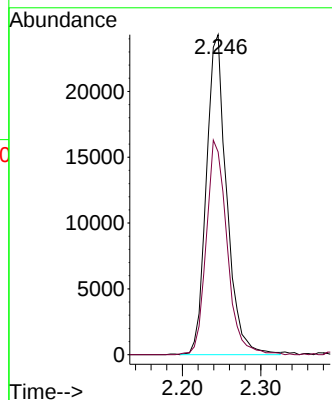
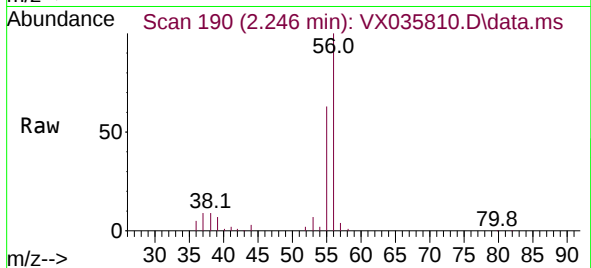
55 68.2 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#14

Acrylonitrile

Concen: 98.480 ug/l

RT: 3.075 min Scan# 326

Delta R.T. 0.006 min

Lab File: VX035810.D

Acq: 23 May 2023 13:08

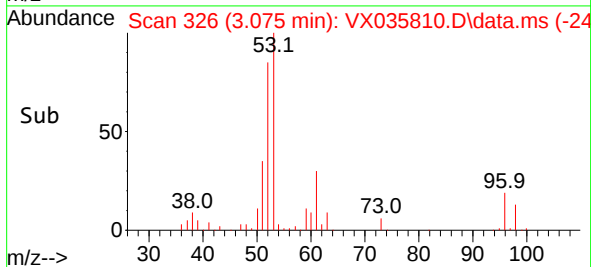
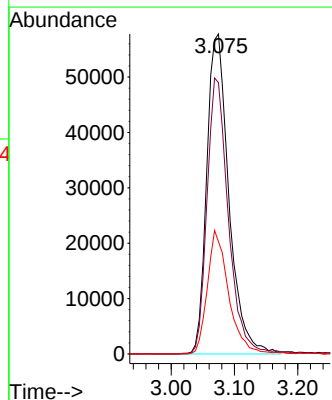
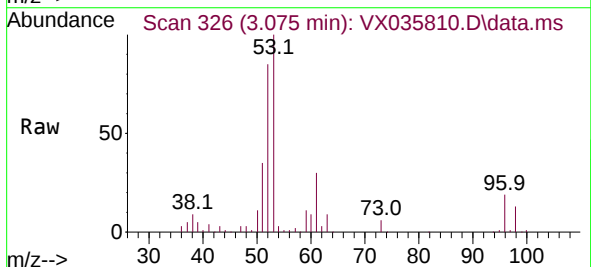
Tgt Ion: 53 Resp: 140652

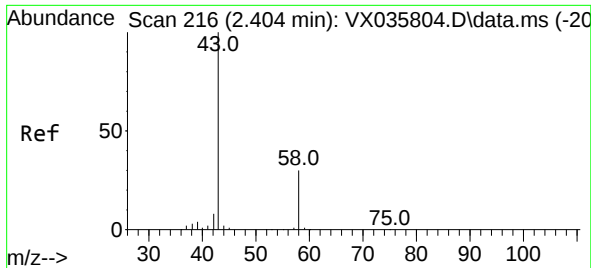
Ion Ratio Lower Upper

53 100

52 82.6 41.3 123.7

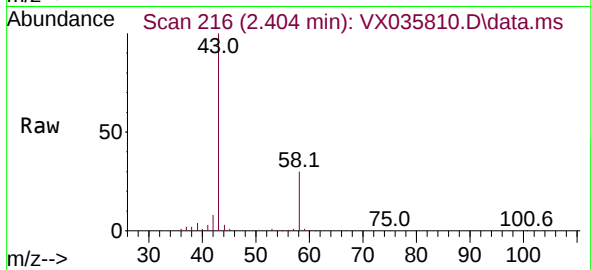
51 36.6 17.9 53.7





#15
Acetone
Concen: 108.144 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

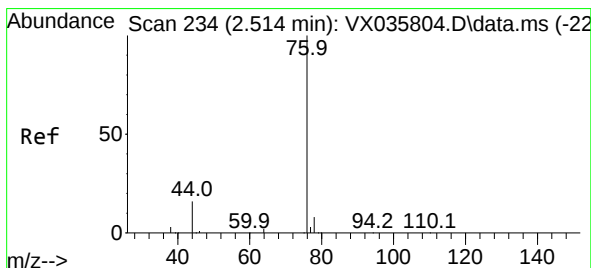
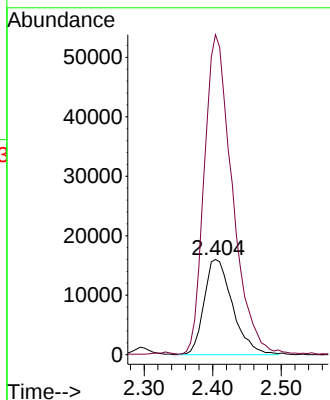
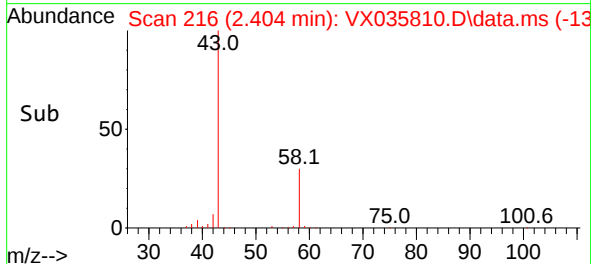
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01



Tgt Ion: 58 Resp: 46199
Ion Ratio Lower Upper
58 100
43 335.7 270.8 406.2

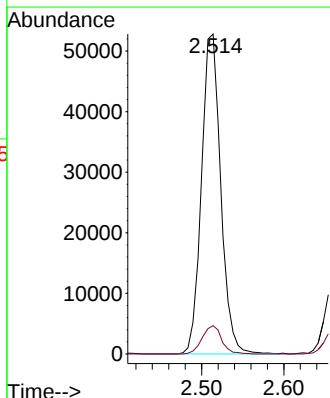
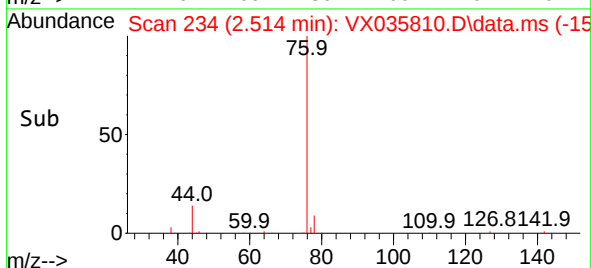
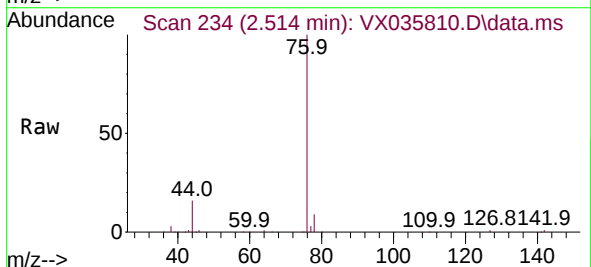
Manual Integrations
APPROVED

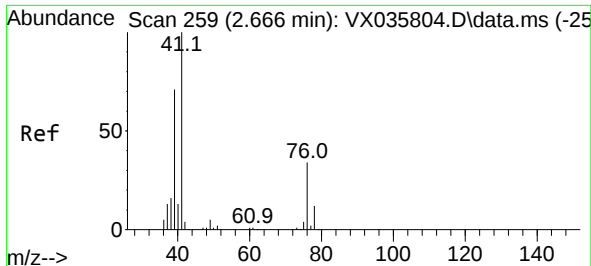
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#16
Carbon Disulfide
Concen: 19.663 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

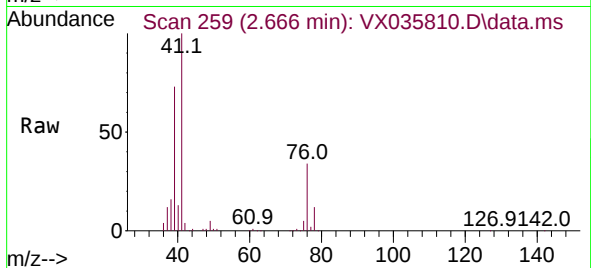
Tgt Ion: 76 Resp: 86042
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6





#17
 Allyl chloride
 Concen: 20.351 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX035810.D
 Acq: 23 May 2023 13:08

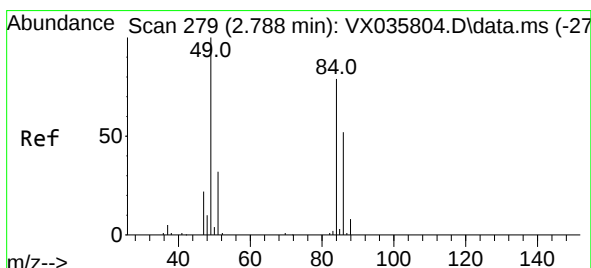
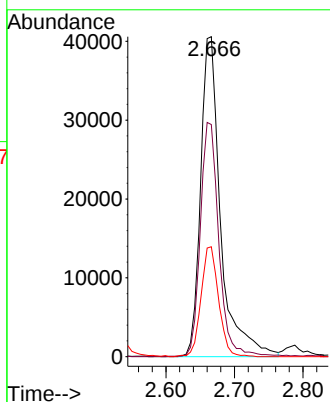
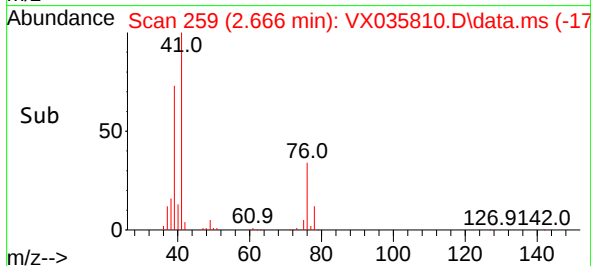
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBS01



Tgt Ion: 41 Resp: 8278
 Ion Ratio Lower Upper
 41 100
 39 72.4 36.4 109.3
 76 34.3 17.0 51.0

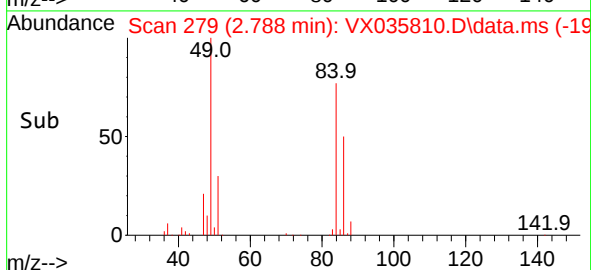
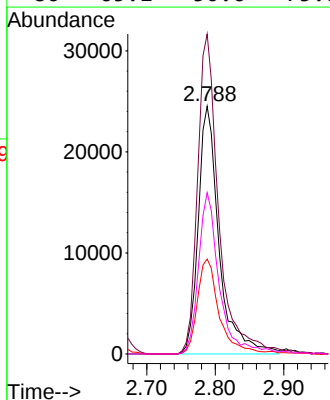
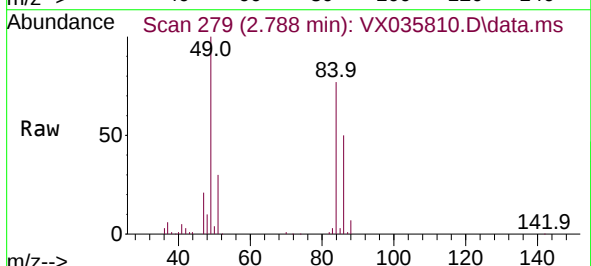
Manual Integrations
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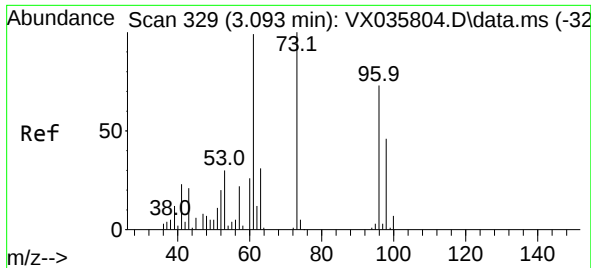
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023



#18
 Methylene Chloride
 Concen: 19.802 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX035810.D
 Acq: 23 May 2023 13:08

Tgt Ion: 84 Resp: 51996
 Ion Ratio Lower Upper
 84 100
 49 129.2 103.9 155.9
 51 38.3 30.6 45.8
 86 65.1 50.6 75.8





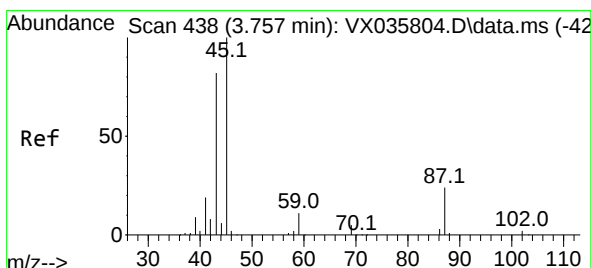
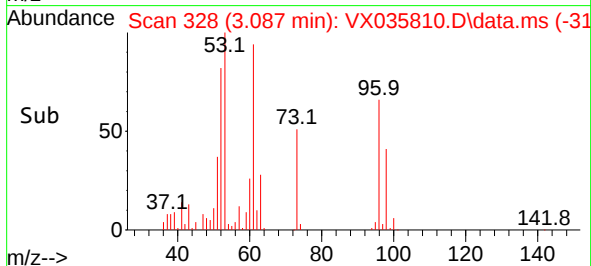
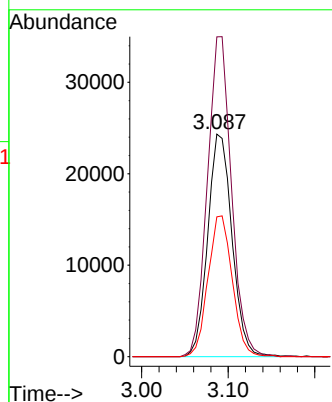
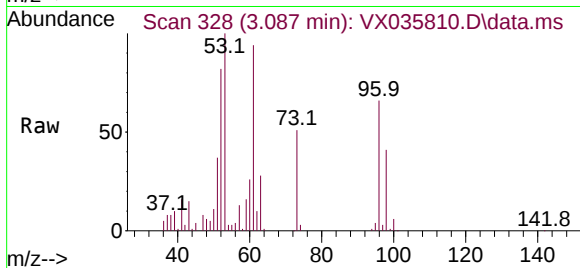
#19
trans-1,2-Dichloroethene
Concen: 20.889 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01

Tgt Ion: 96 Resp: 47479
Ion Ratio Lower Upper
96 100
61 143.7 111.1 166.7
98 62.9 48.6 72.8

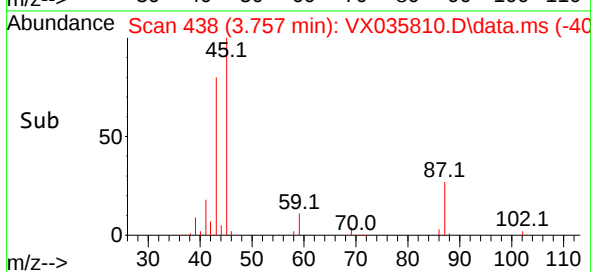
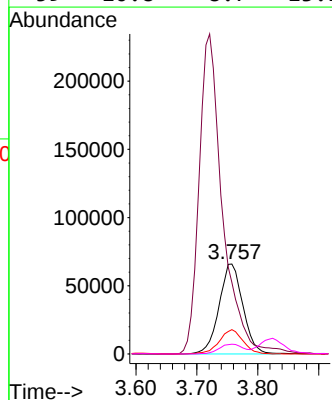
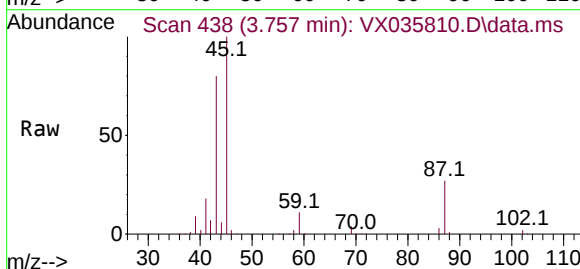
Manual Integrations
APPROVED

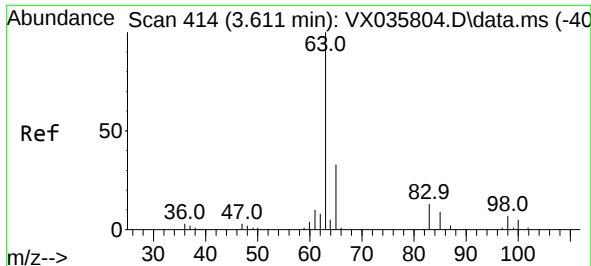
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#20
Diisopropyl ether
Concen: 20.389 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

Tgt Ion: 45 Resp: 179043
Ion Ratio Lower Upper
45 100
43 78.7 66.0 99.0
87 27.0 21.8 32.6
59 10.8 8.7 13.1





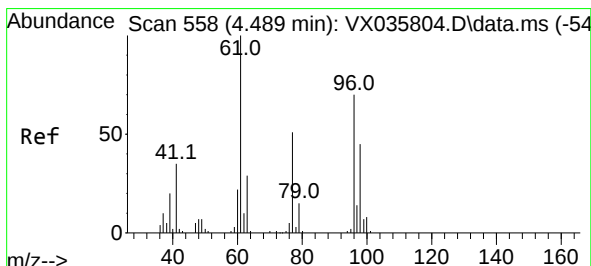
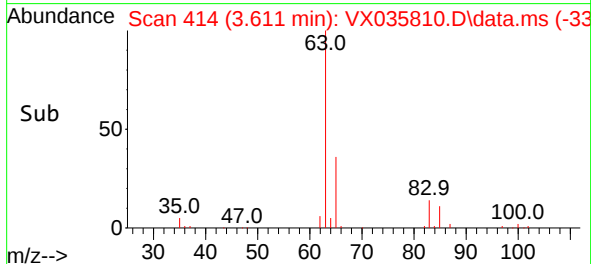
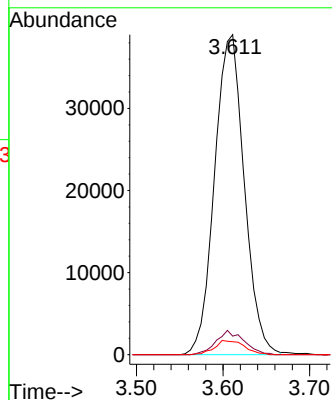
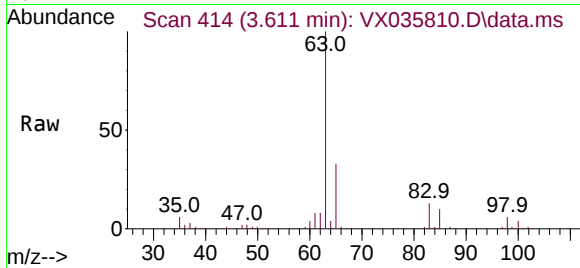
#21
1,1-Dichloroethane
Concen: 20.172 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01

Tgt Ion: 63 Resp: 92850
Ion Ratio Lower Upper
63 100
98 5.8 3.5 10.6
100 4.1 2.2 6.6

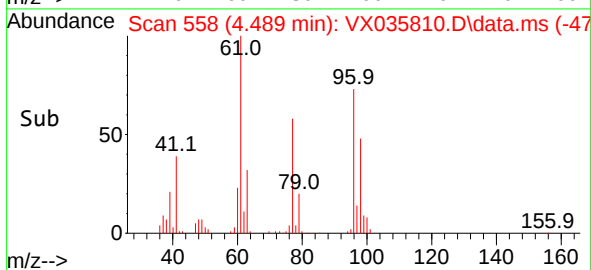
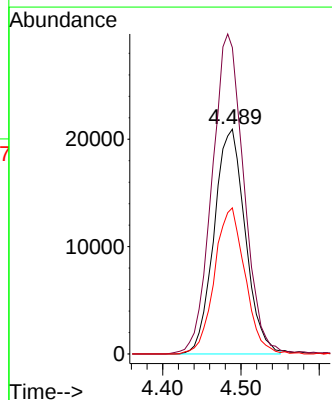
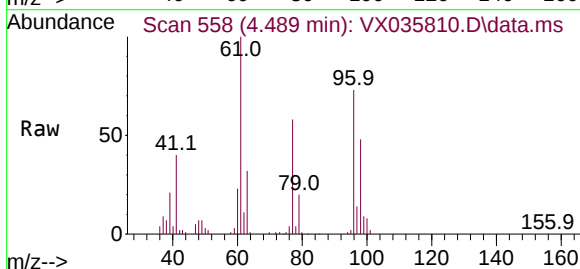
Manual Integrations
APPROVED

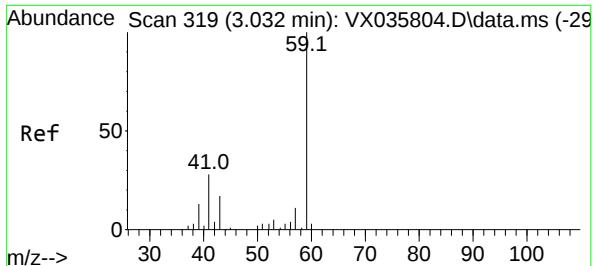
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#22
cis-1,2-Dichloroethene
Concen: 20.590 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

Tgt Ion: 96 Resp: 57911
Ion Ratio Lower Upper
96 100
61 145.4 121.7 182.5
98 63.5 52.2 78.2





#23

tert-Butyl Alcohol

Concen: 103.375 ug/l m

RT: 3.075 min Scan# 31

Delta R.T. 0.043 min

Lab File: VX035810.D

Acq: 23 May 2023 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBS01

Tgt Ion: 59 Resp: 53894

Ion Ratio Lower Upper

59 100

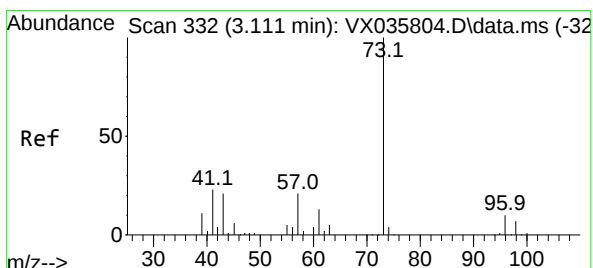
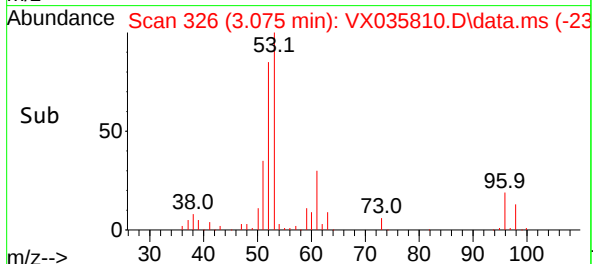
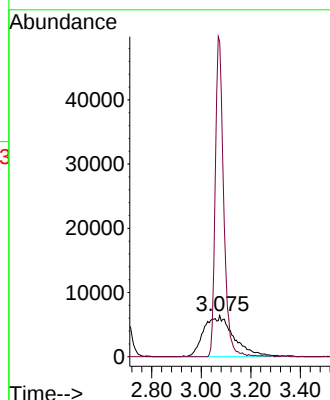
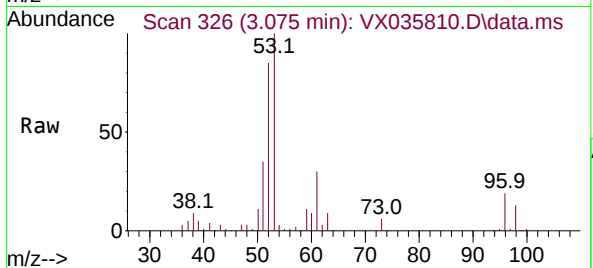
52 0.0 0.2 0.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#24

Methyl tert-Butyl Ether

Concen: 19.870 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX035810.D

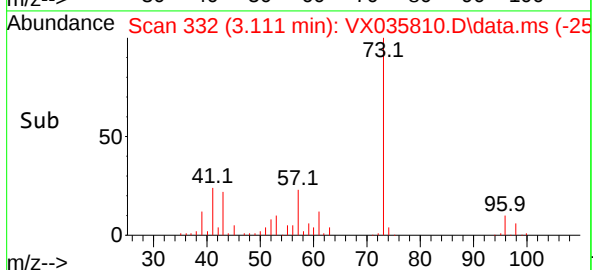
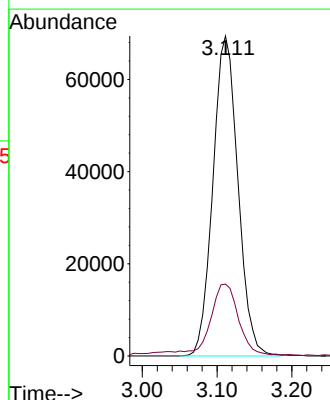
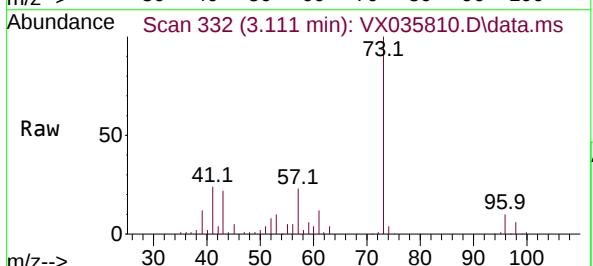
Acq: 23 May 2023 13:08

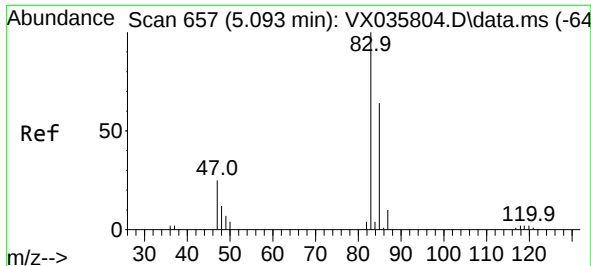
Tgt Ion: 73 Resp: 161478

Ion Ratio Lower Upper

73 100

43 25.2 17.9 26.9





#25

Chloroform

Concen: 19.840 ug/l

RT: 5.086 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX035810.D

Acq: 23 May 2023 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBS01

Tgt Ion: 83 Resp: 93708

Ion Ratio Lower Upper

83 100

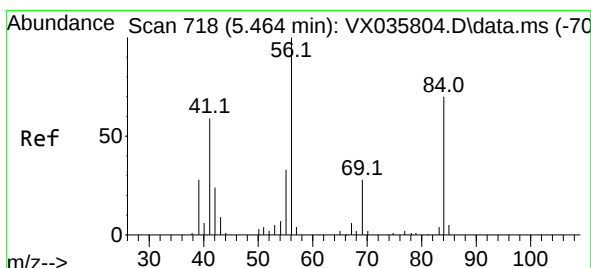
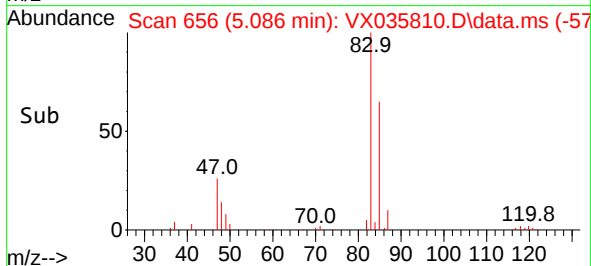
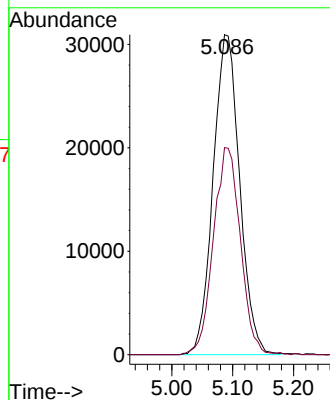
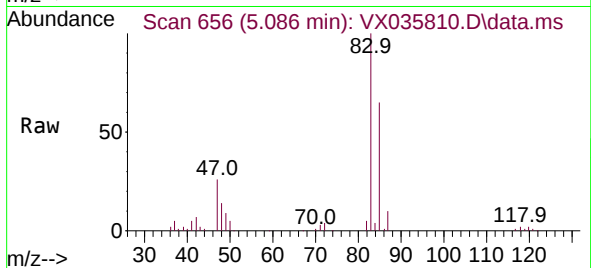
85 64.7 51.2 76.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#26

Cyclohexane

Concen: 22.279 ug/l

RT: 5.464 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX035810.D

Acq: 23 May 2023 13:08

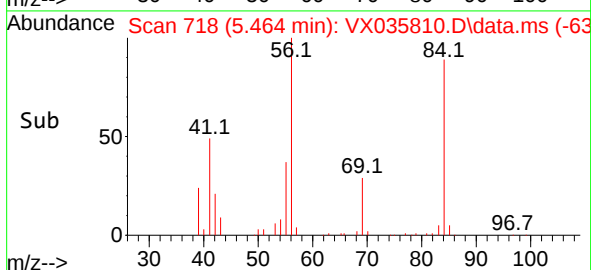
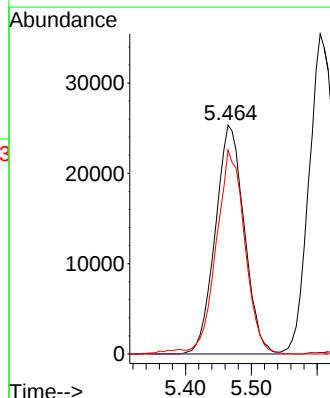
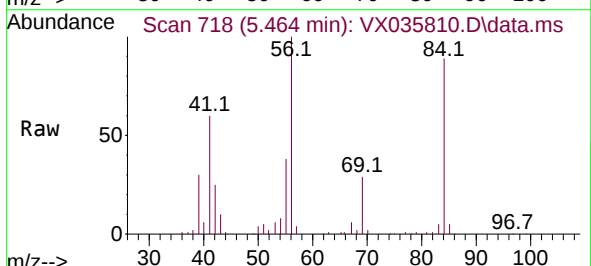
Tgt Ion: 56 Resp: 77557

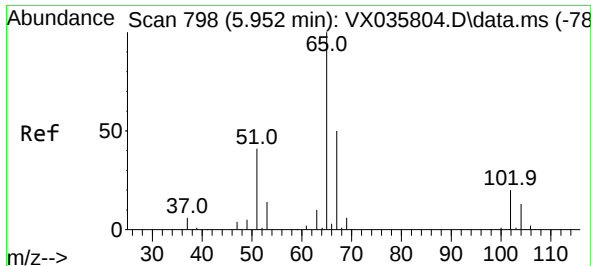
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 87.3 67.4 101.2





#27

1,2-Dichloroethane-d4

Concen: 29.431 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035810.D

Acq: 23 May 2023 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBS01

Tgt Ion: 65 Resp: 98362

Ion Ratio Lower Upper

65 100

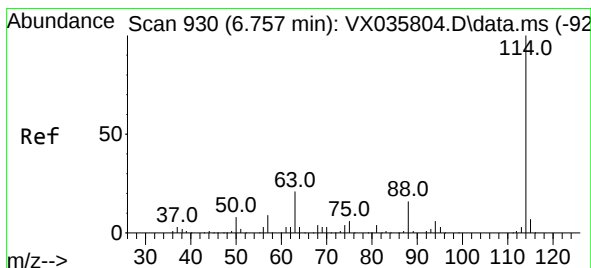
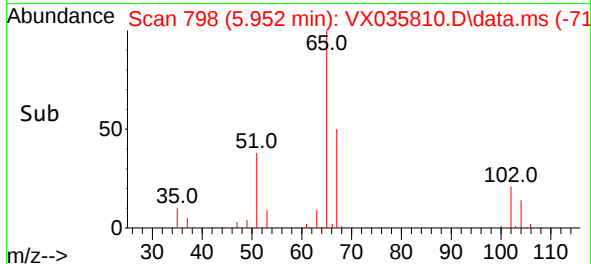
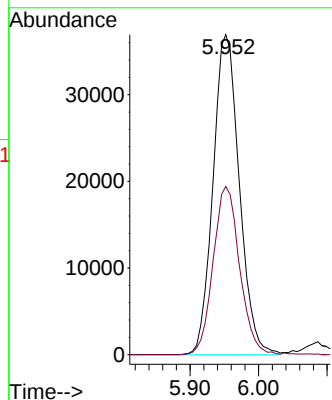
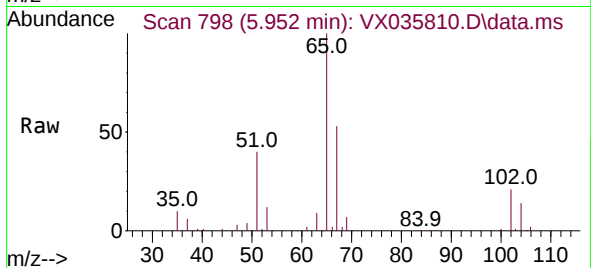
67 52.8 40.9 61.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX035810.D

Acq: 23 May 2023 13:08

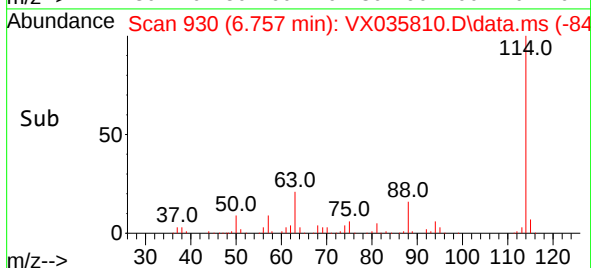
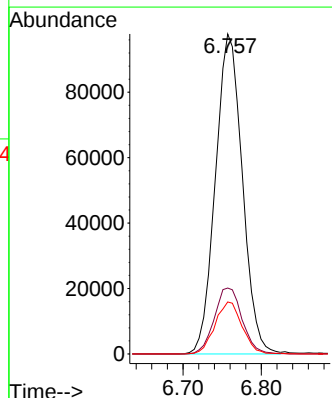
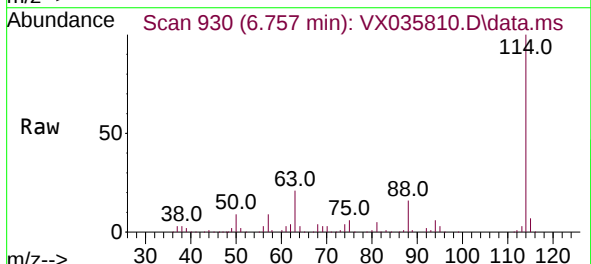
Tgt Ion:114 Resp: 233627

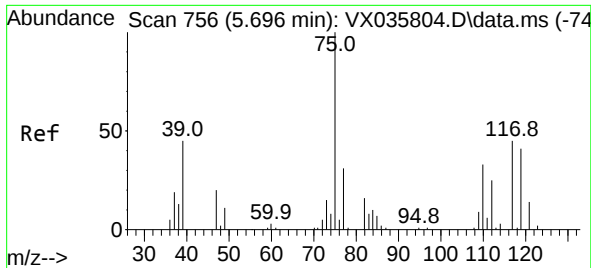
Ion Ratio Lower Upper

114 100

63 21.3 18.0 27.0

88 16.3 13.3 19.9





#29

1,1-Dichloropropene

Concen: 20.920 ug/l

RT: 5.690 min Scan# 756

Delta R.T. -0.006 min

Lab File: VX035810.D

Acq: 23 May 2023 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBS01

Tgt Ion: 75 Resp: 68060

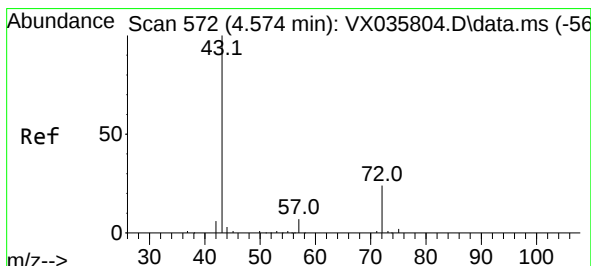
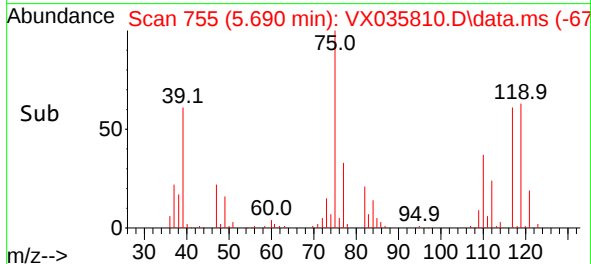
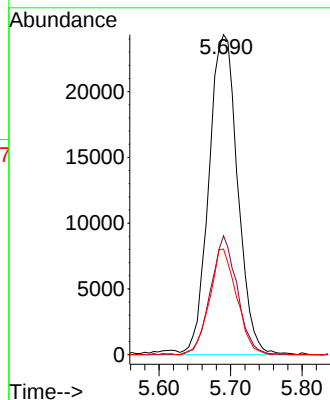
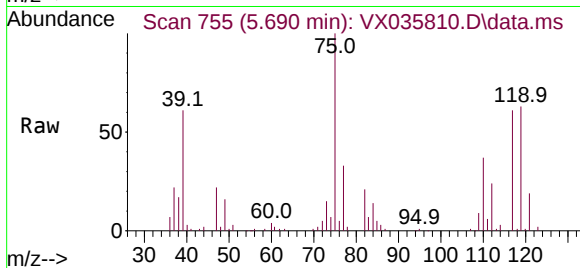
Ion	Ratio	Lower	Upper
75	100		
110	34.3	0.0	71.4
77	31.1	0.0	61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#30

2-Butanone

Concen: 101.309 ug/l

RT: 4.568 min Scan# 571

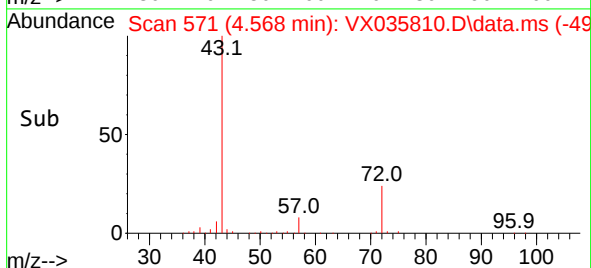
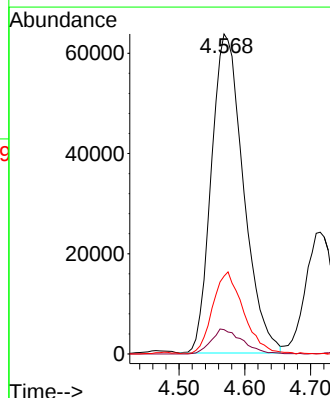
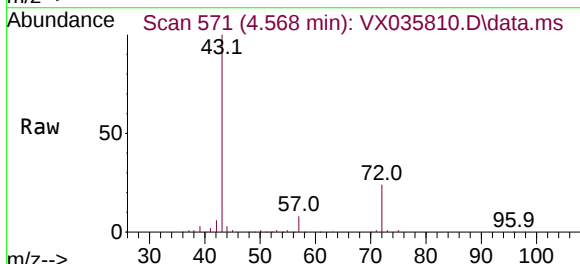
Delta R.T. -0.006 min

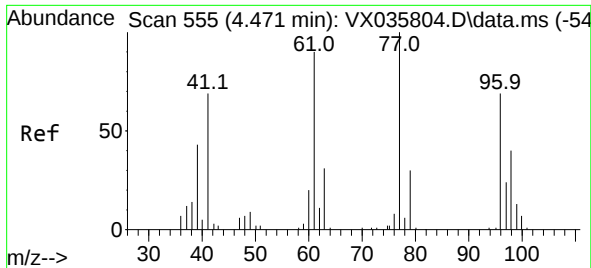
Lab File: VX035810.D

Acq: 23 May 2023 13:08

Tgt Ion: 43 Resp: 215756

Ion	Ratio	Lower	Upper
43	100		
57	7.4	6.3	9.5
72	24.8	19.6	29.4





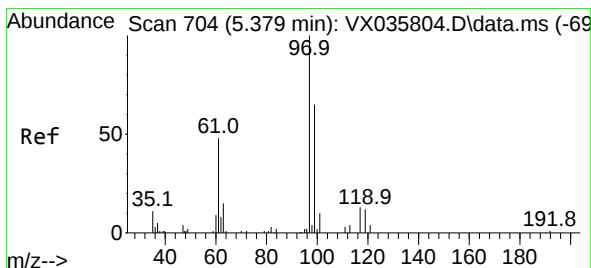
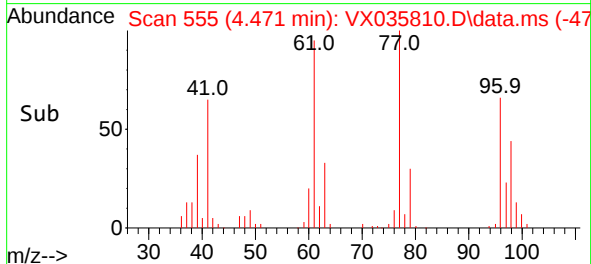
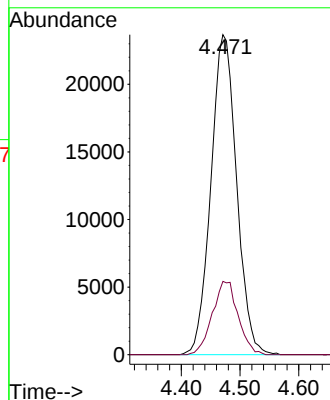
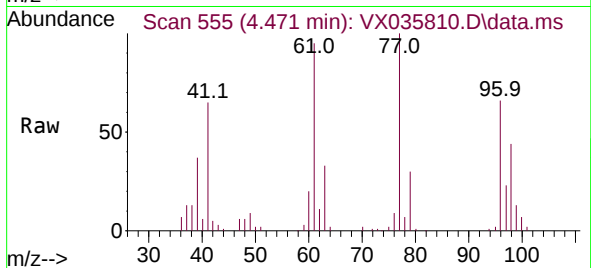
#31
2,2-Dichloropropane
Concen: 20.577 ug/l
RT: 4.471 min Scan# 511
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01

Tgt Ion: 77 Resp: 7192
Ion Ratio Lower Upper
77 100
97 23.0 18.2 27.4

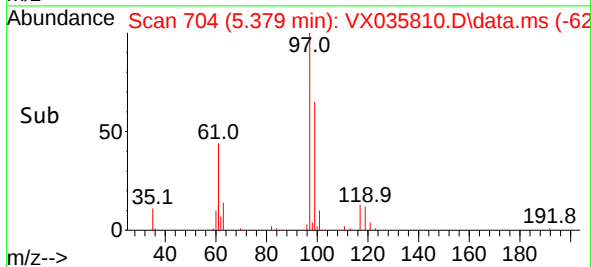
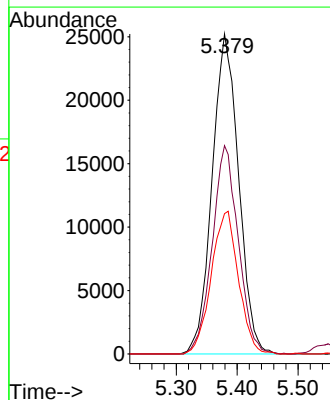
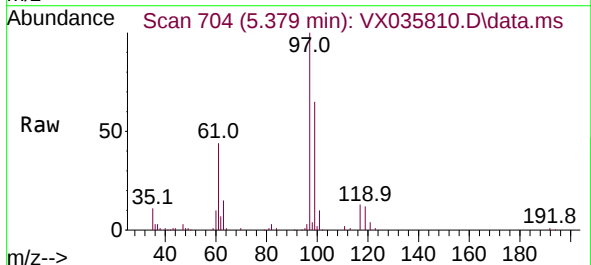
Manual Integrations
APPROVED

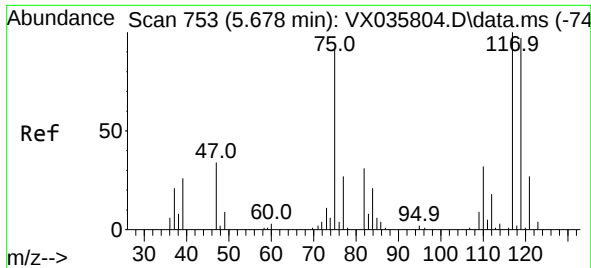
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#32
1,1,1-Trichloroethane
Concen: 20.046 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

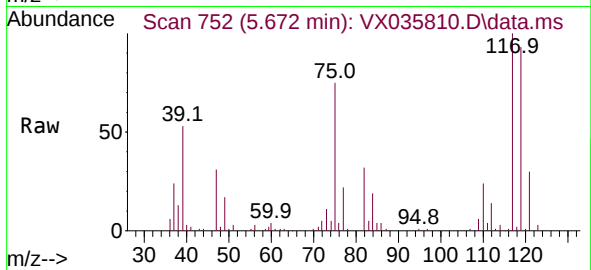
Tgt Ion: 97 Resp: 76158
Ion Ratio Lower Upper
97 100
99 64.1 51.3 76.9
61 45.6 36.6 55.0





#33
Carbon Tetrachloride
Concen: 19.908 ug/l
RT: 5.672 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

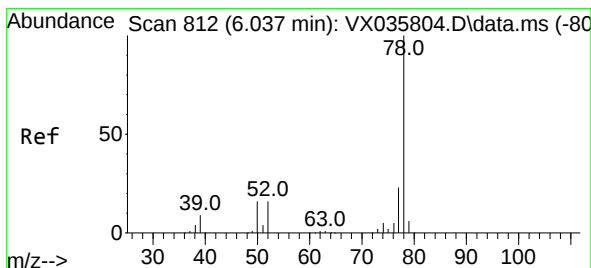
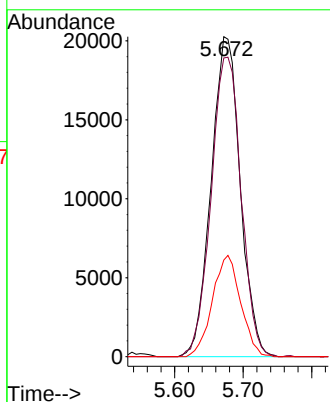
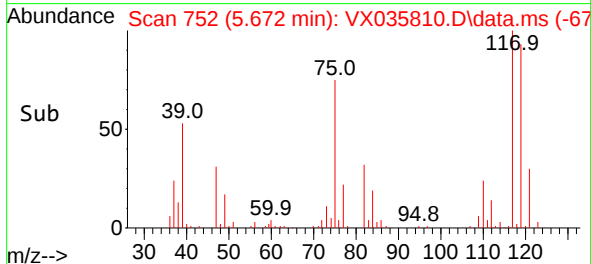
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01



Tgt Ion:117 Resp: 5972
Ion Ratio Lower Upper
117 100
119 93.4 73.3 109.9
121 30.2 24.0 36.0

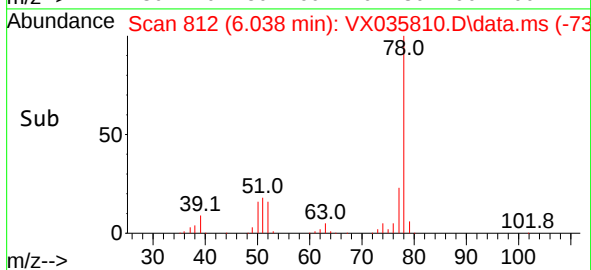
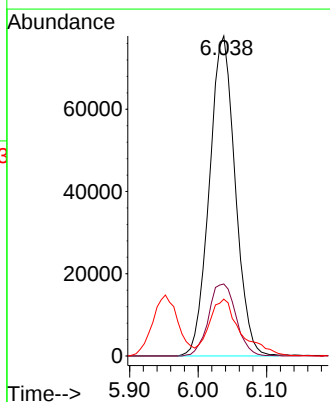
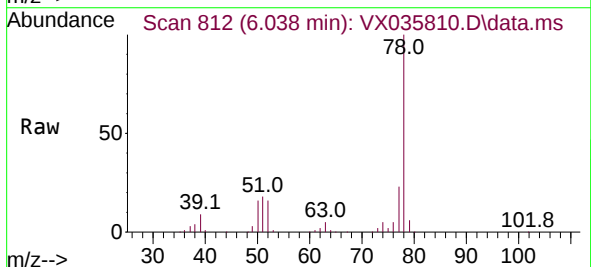
Manual Integrations
APPROVED

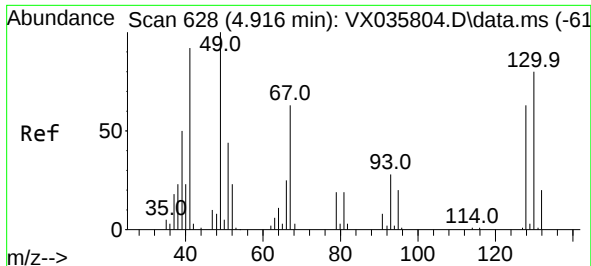
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#34
Benzene
Concen: 19.815 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

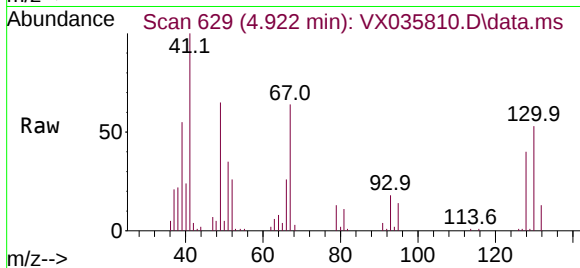
Tgt Ion: 78 Resp: 203370
Ion Ratio Lower Upper
78 100
77 22.5 19.0 28.4
51 16.9 14.6 21.8





#35
Methacrylonitrile
Concen: 19.146 ug/l
RT: 4.922 min Scan# 611
Delta R.T. 0.006 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

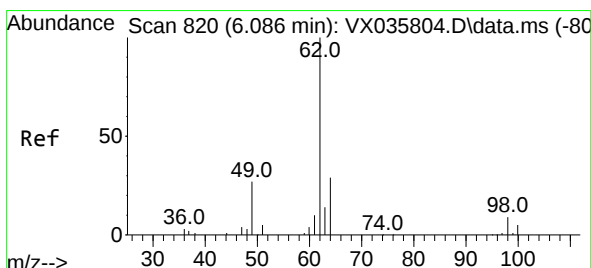
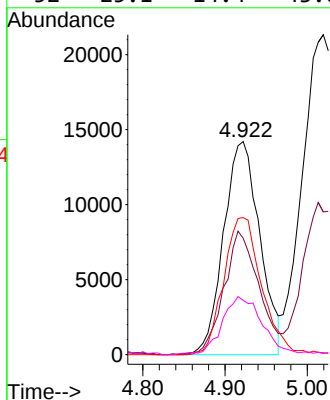
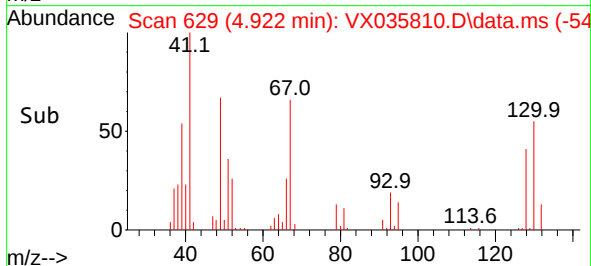
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01



Tgt Ion: 41 Resp: 43509
Ion Ratio Lower Upper
41 100
39 54.7 28.0 84.0
67 64.3 31.6 94.7
52 25.1 14.4 43.0

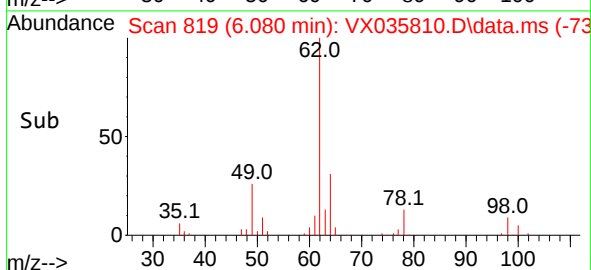
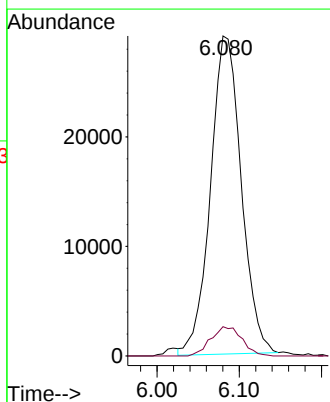
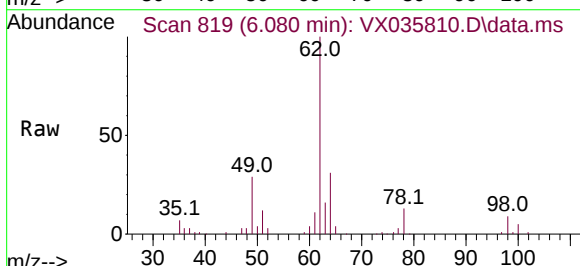
Manual Integrations
APPROVED

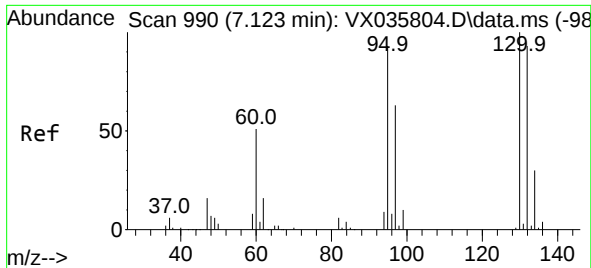
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#36
1,2-Dichloroethane
Concen: 18.924 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

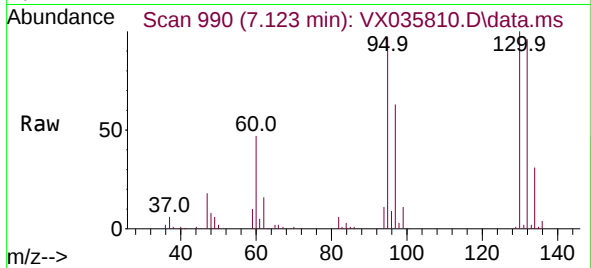
Tgt Ion: 62 Resp: 75589
Ion Ratio Lower Upper
62 100
98 9.3 7.0 10.6





#37
Trichloroethene
Concen: 20.274 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

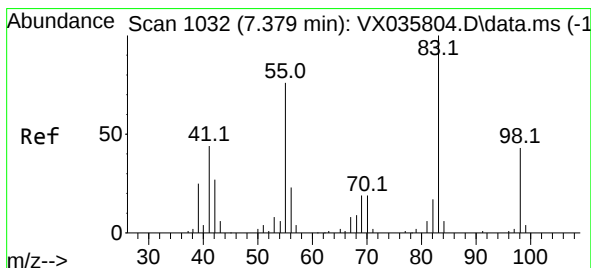
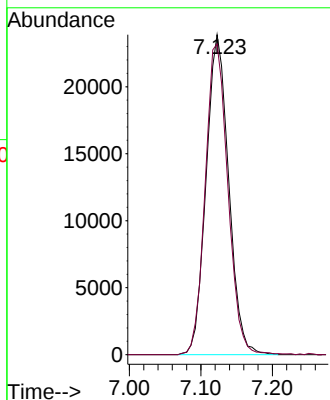
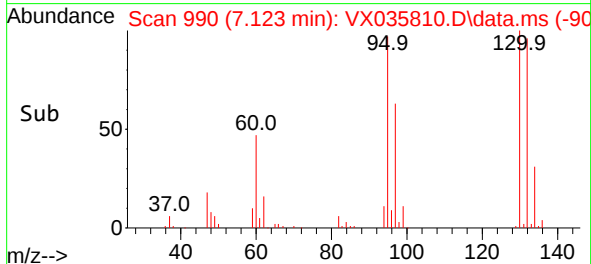
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01



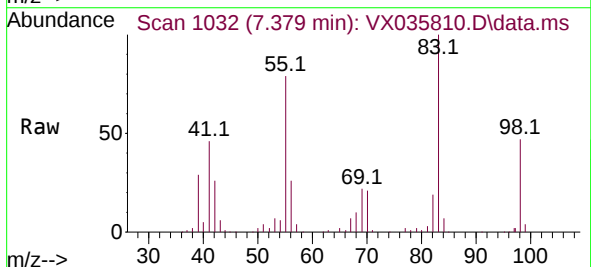
Tgt Ion:130 Resp: 52304
Ion Ratio Lower Upper
130 100
95 97.1 77.8 116.6

Manual Integrations
APPROVED

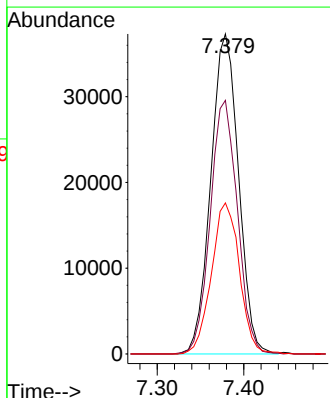
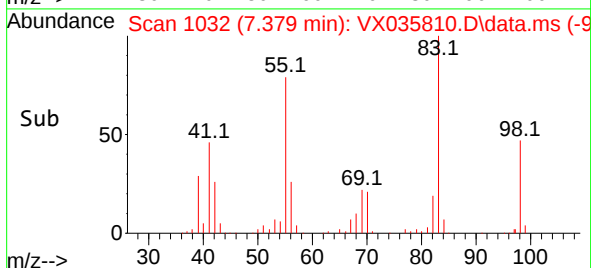
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

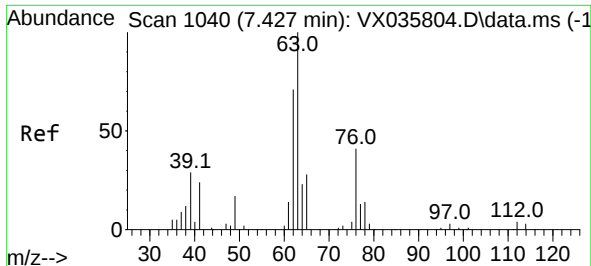


#38
Methylcyclohexane
Concen: 23.283 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08



Tgt Ion: 83 Resp: 83070
Ion Ratio Lower Upper
83 100
55 77.6 38.8 116.4
98 47.7 23.8 71.2





#39

1,2-Dichloropropane

Concen: 19.322 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX035810.D

Acq: 23 May 2023 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBS01

Tgt Ion: 63 Resp: 5337

Ion Ratio Lower Upper

63 100

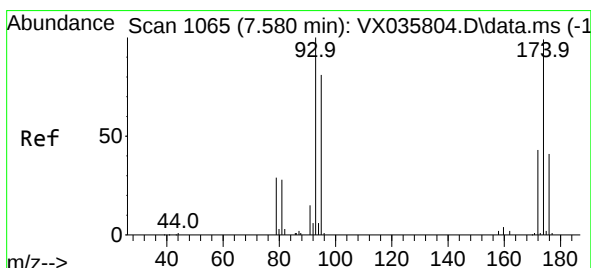
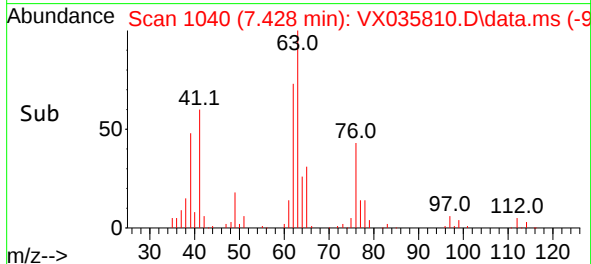
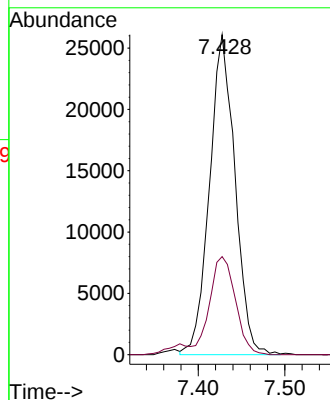
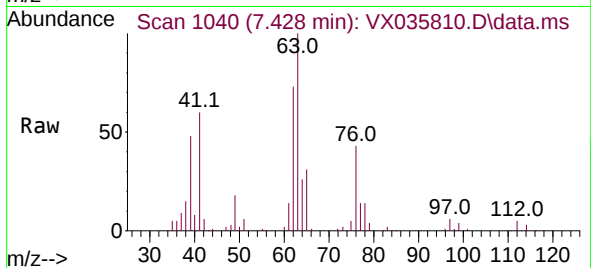
65 30.7 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#40

Dibromomethane

Concen: 19.360 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX035810.D

Acq: 23 May 2023 13:08

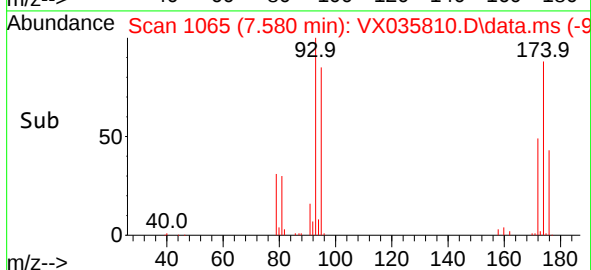
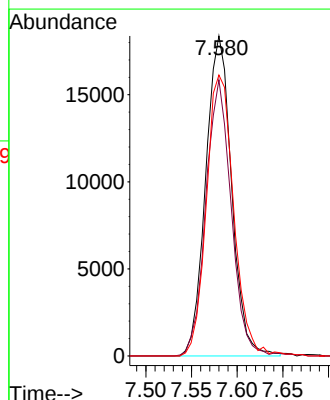
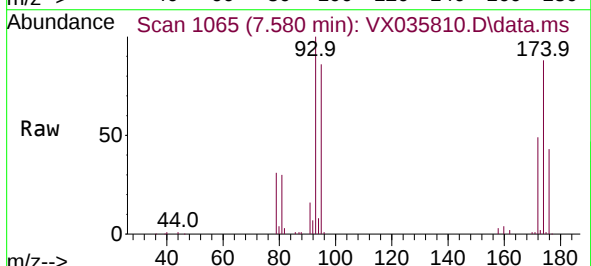
Tgt Ion: 93 Resp: 36172

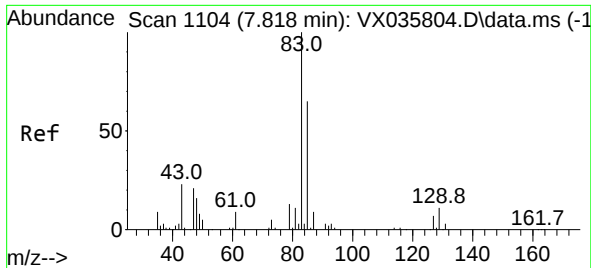
Ion Ratio Lower Upper

93 100

95 84.2 0.0 165.8

174 92.0 0.0 188.8





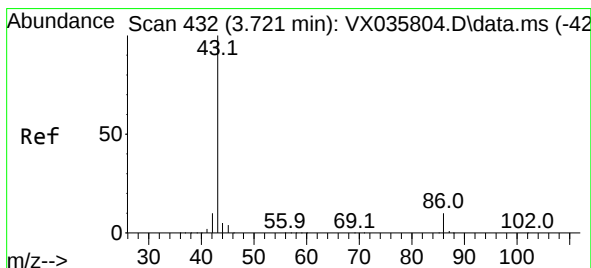
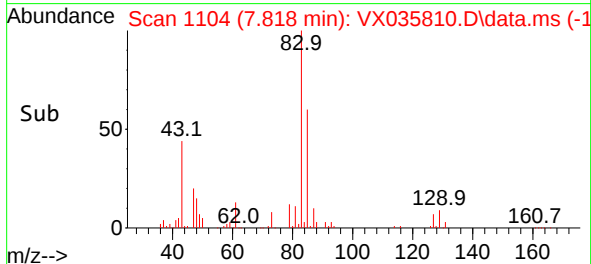
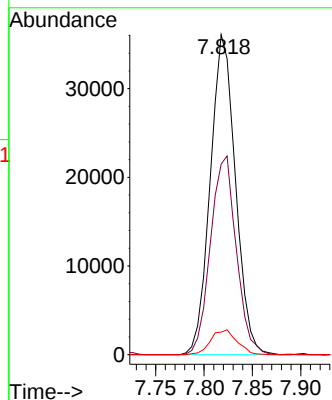
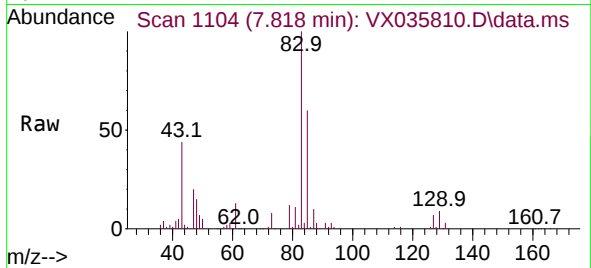
#41
Bromodichloromethane
Concen: 19.330 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01

Tgt Ion: 83 Resp: 65290
Ion Ratio Lower Upper
83 100
85 59.5 51.1 76.7
127 7.0 8.2 12.4

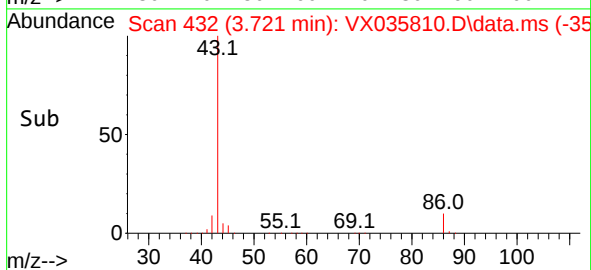
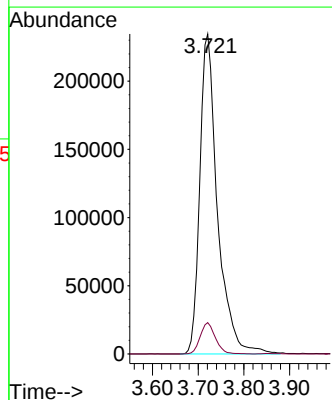
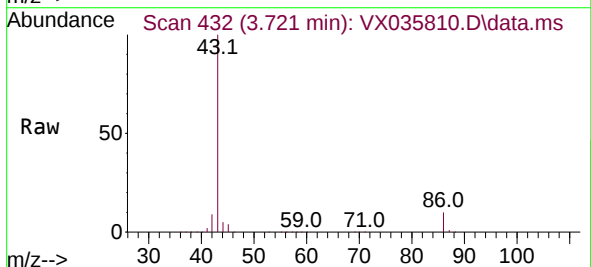
Manual Integrations
APPROVED

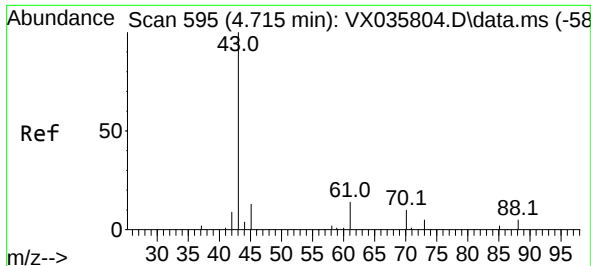
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#42
Vinyl Acetate
Concen: 100.743 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

Tgt Ion: 43 Resp: 630212
Ion Ratio Lower Upper
43 100
86 8.4 6.9 10.3





#43

Ethyl Acetate

Concen: 19.013 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX035810.D

Acq: 23 May 2023 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBS01

Tgt Ion: 43 Resp: 7722

Ion Ratio Lower Upper

43 100

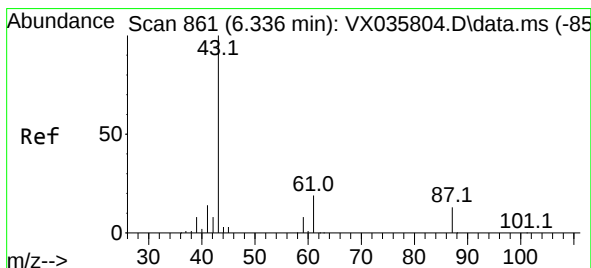
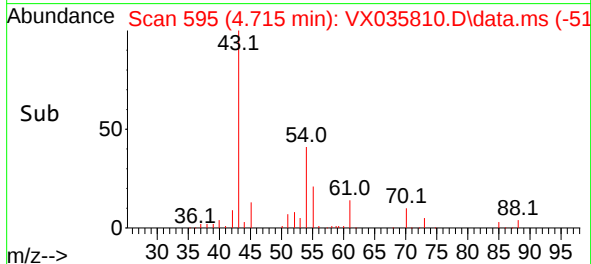
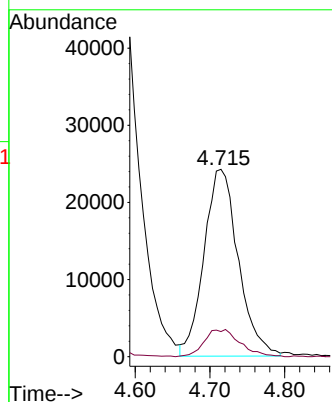
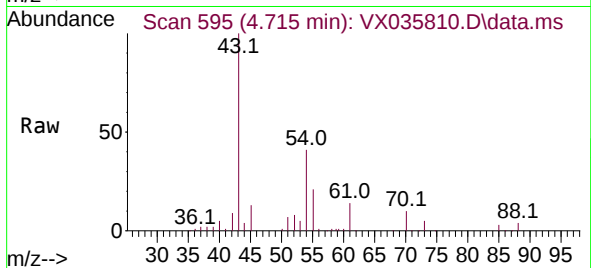
45 7.7 12.0 18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#44

Isopropyl Acetate

Concen: 19.610 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX035810.D

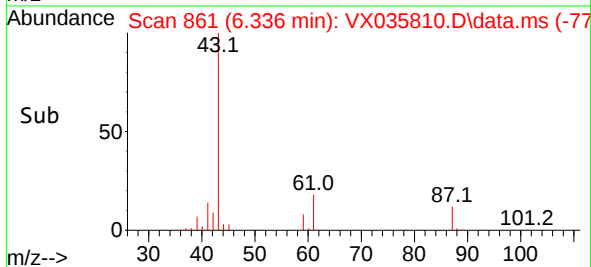
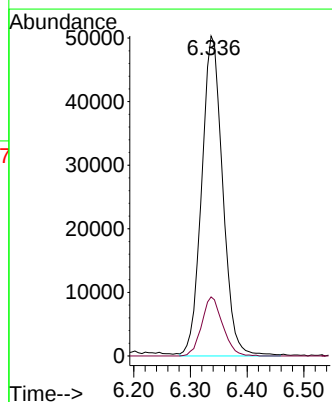
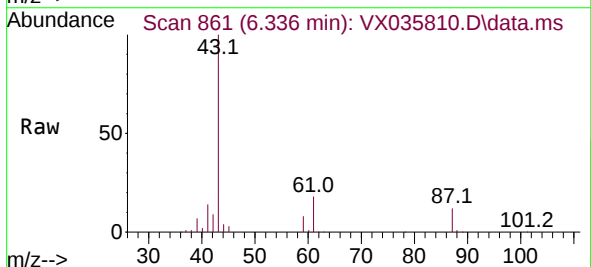
Acq: 23 May 2023 13:08

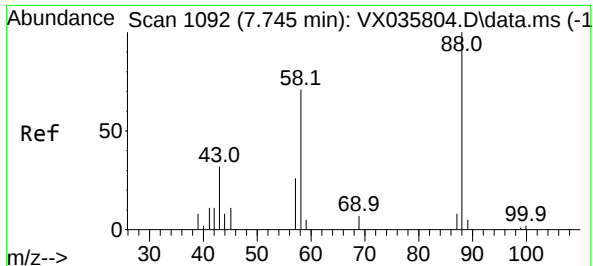
Tgt Ion: 43 Resp: 129829

Ion Ratio Lower Upper

43 100

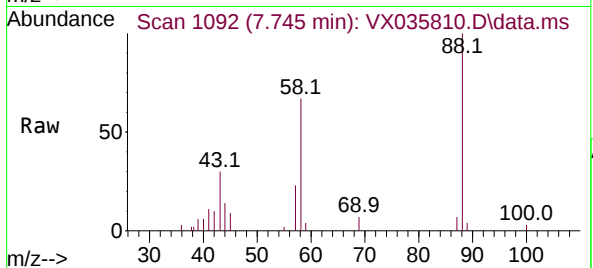
61 18.3 15.4 23.0





#45
1,4-Dioxane
Concen: 398.415 ug/l m
RT: 7.745 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

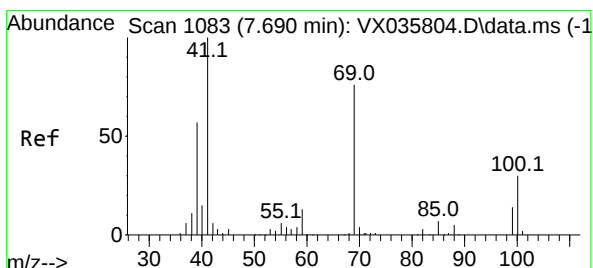
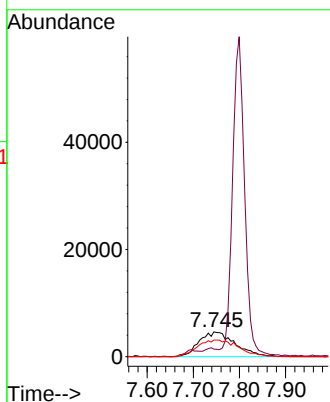
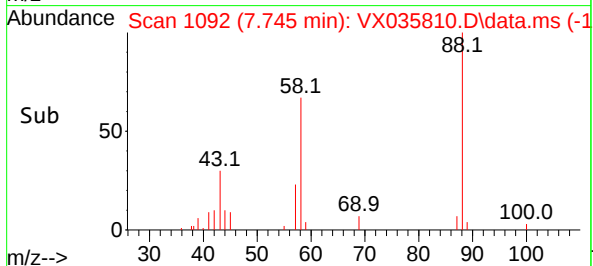
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01



Tgt Ion: 88 Resp: 2505
Ion Ratio Lower Upper
88 100
43 12.2 26.5 39.7
58 45.8 55.6 83.4

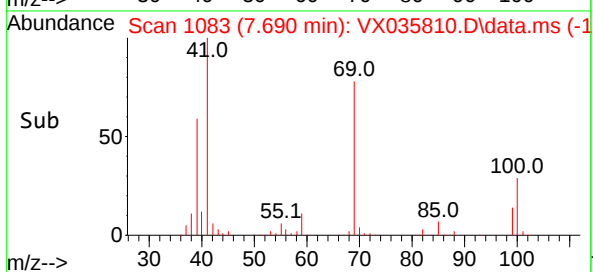
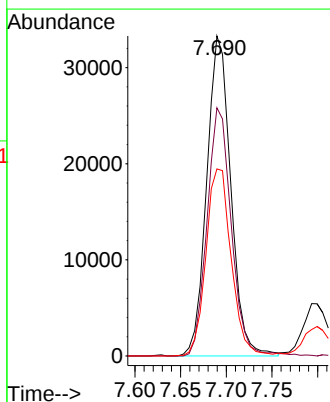
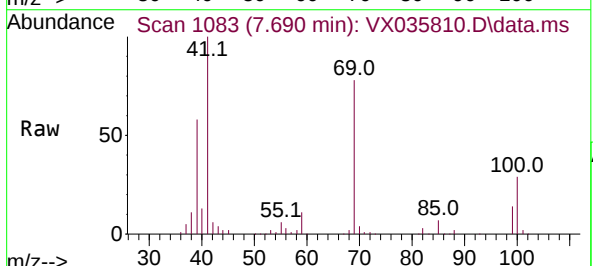
Manual Integrations
APPROVED

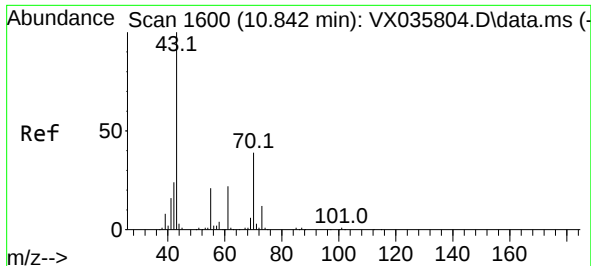
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#46
Methyl methacrylate
Concen: 19.047 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

Tgt Ion: 41 Resp: 60928
Ion Ratio Lower Upper
41 100
69 77.5 38.1 114.5
39 58.3 31.4 94.3





#47

n-amy1 Acetate

Concen: 19.598 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX035810.D

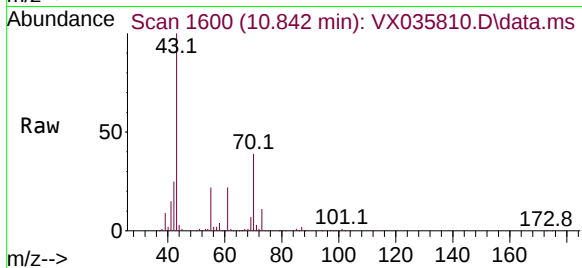
Acq: 23 May 2023 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBS01



Tgt Ion: 43 Resp: 108980

Ion Ratio Lower Upper

43 100

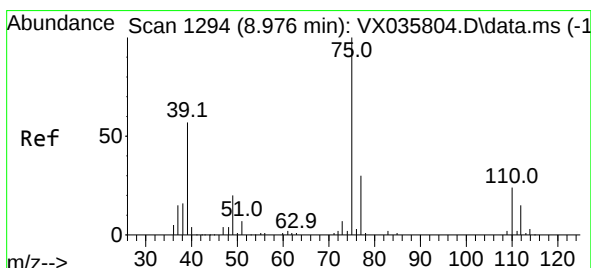
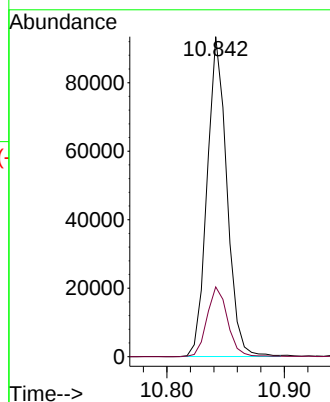
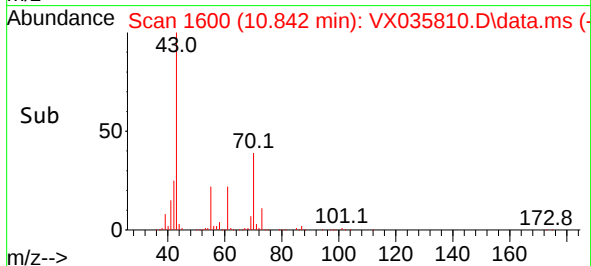
55 22.8 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#48

t-1,3-Dichloropropene

Concen: 19.002 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX035810.D

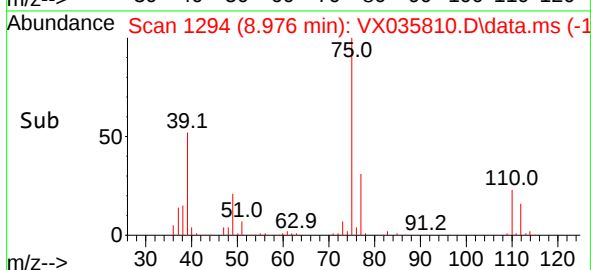
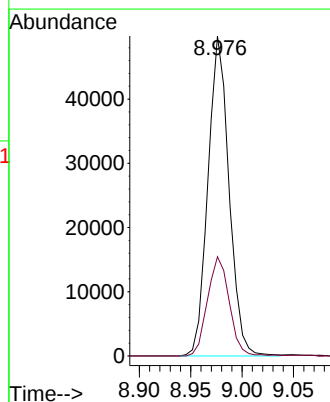
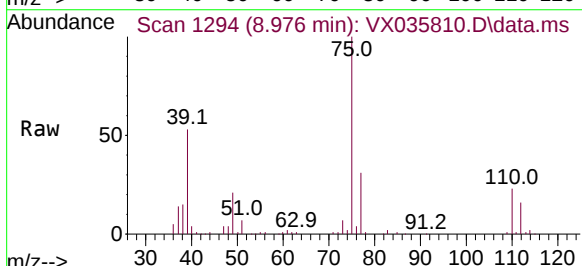
Acq: 23 May 2023 13:08

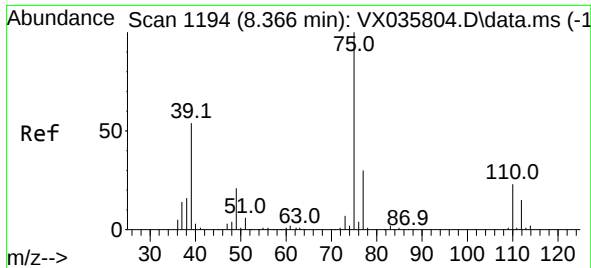
Tgt Ion: 75 Resp: 71006

Ion Ratio Lower Upper

75 100

77 31.0 25.5 38.3





#49

cis-1,3-Dichloropropene

Concen: 19.286 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035810.D

Acq: 23 May 2023 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBS01

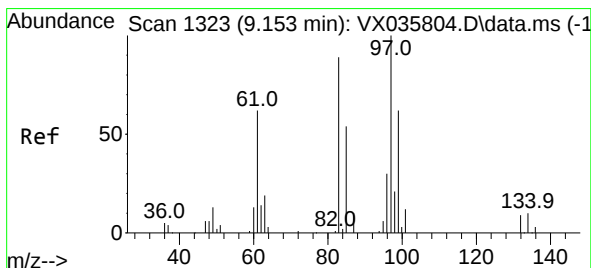
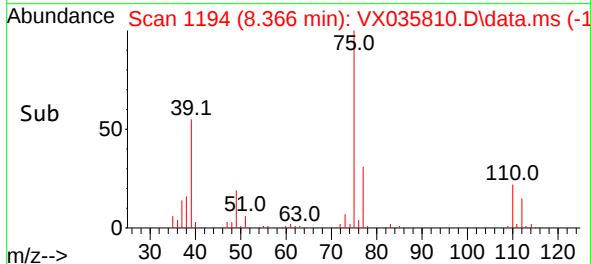
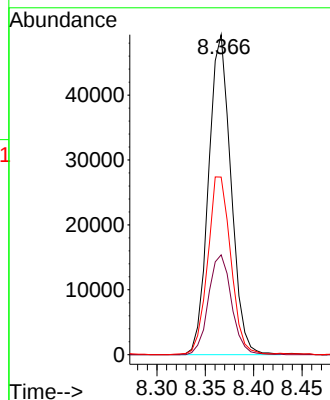
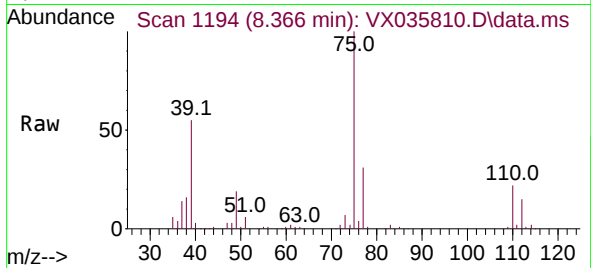
Tgt Ion: 75	Resp: 7953
Ion Ratio	Lower Upper
75	100
77	31.2 24.6 37.0
39	55.3 44.2 66.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#50

1,1,2-Trichloroethane

Concen: 19.885 ug/l

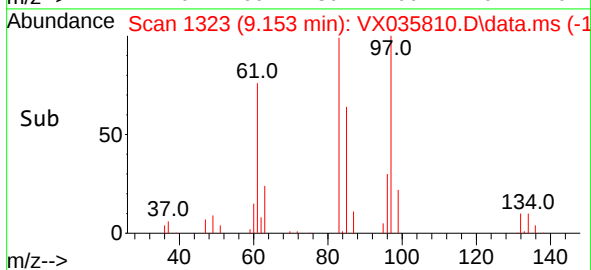
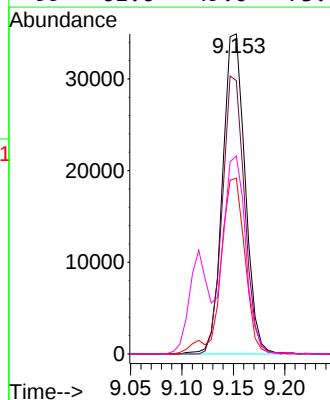
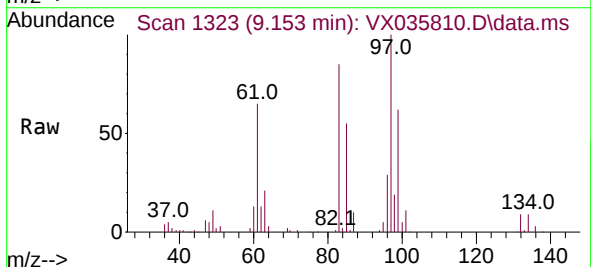
RT: 9.153 min Scan# 1323

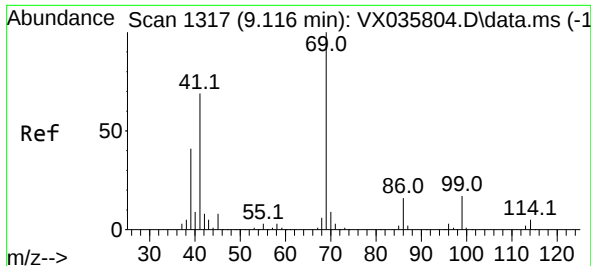
Delta R.T. 0.000 min

Lab File: VX035810.D

Acq: 23 May 2023 13:08

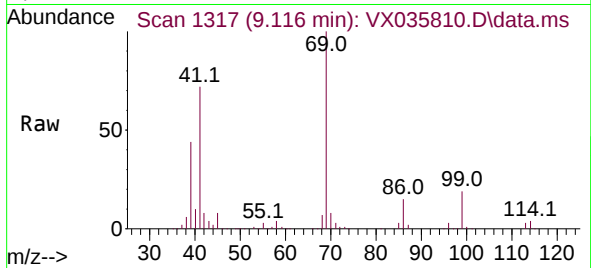
Tgt Ion: 97	Resp: 53156
Ion Ratio	Lower Upper
97	100
83	85.4 68.9 103.3
85	54.6 44.0 66.0
99	61.6 49.0 73.4





#51
Ethyl methacrylate
Concen: 19.445 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

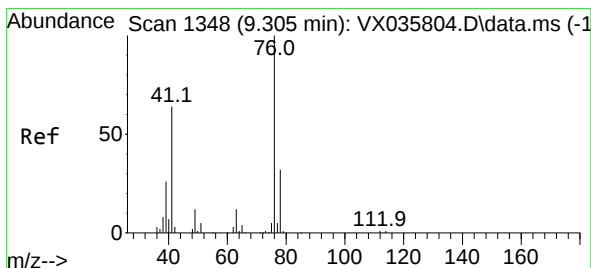
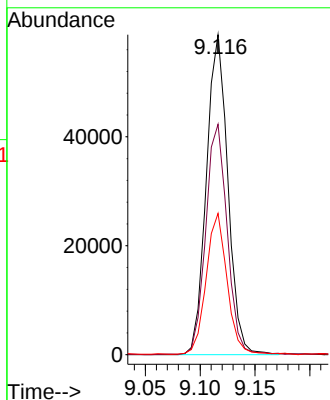
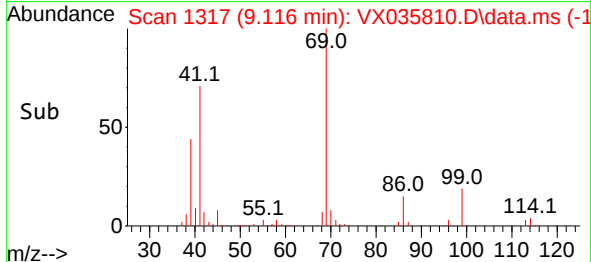
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01



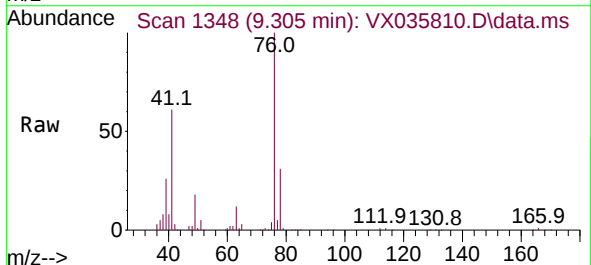
Tgt Ion: 69 Resp: 80124
Ion Ratio Lower Upper
69 100
41 71.9 36.2 108.6
39 43.9 21.2 63.6

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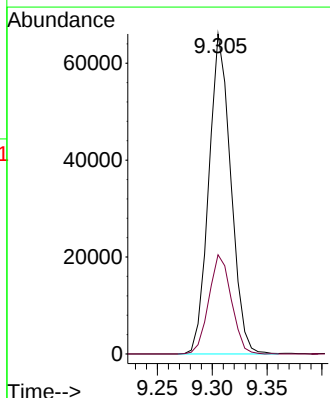
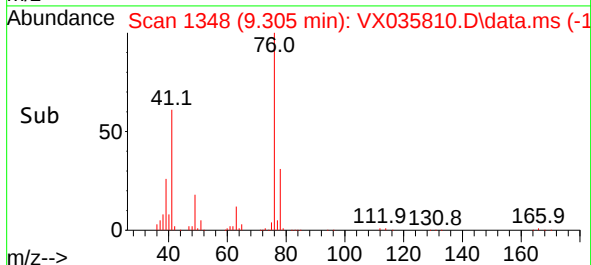
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

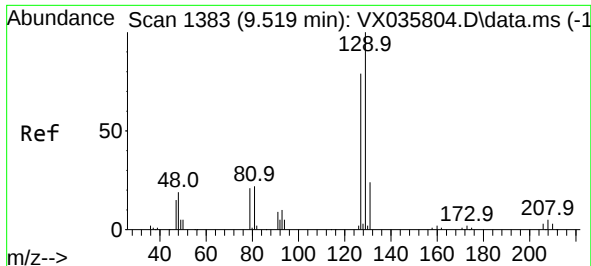


#52
1,3-Dichloropropane
Concen: 19.791 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08



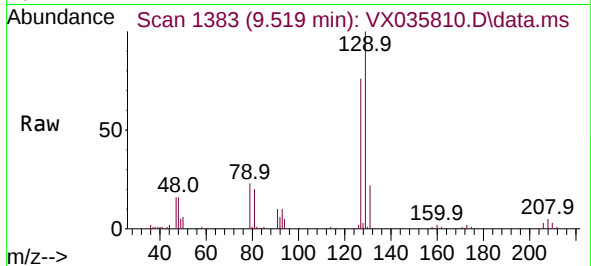
Tgt Ion: 76 Resp: 92195
Ion Ratio Lower Upper
76 100
78 31.6 0.0 63.8





#53
Dibromochloromethane
Concen: 18.353 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

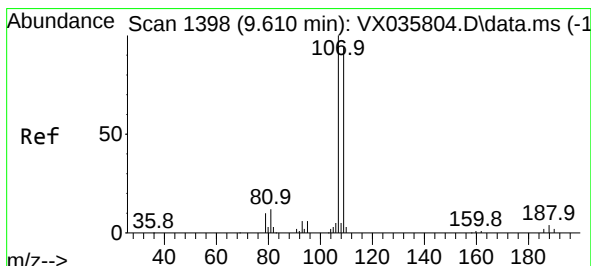
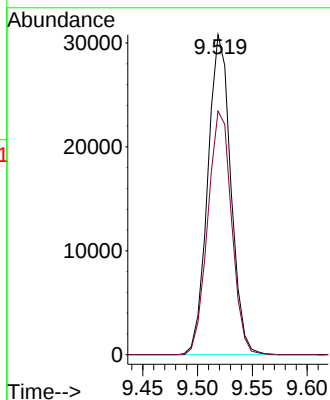
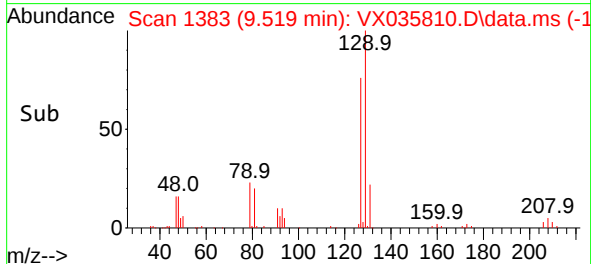
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01



Tgt Ion:129 Resp: 4499
Ion Ratio Lower Upper
129 100
127 78.6 39.1 117.5

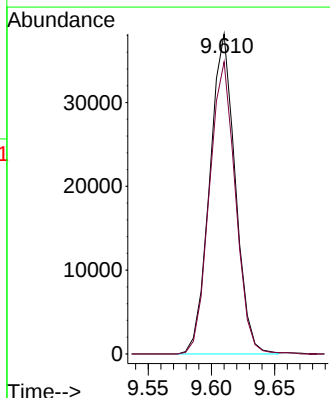
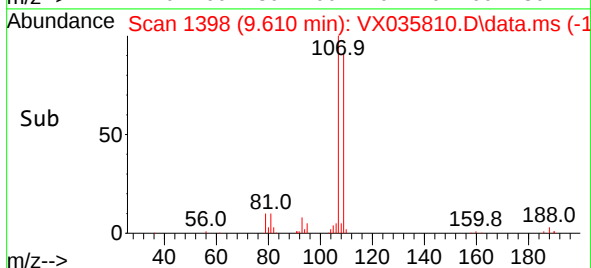
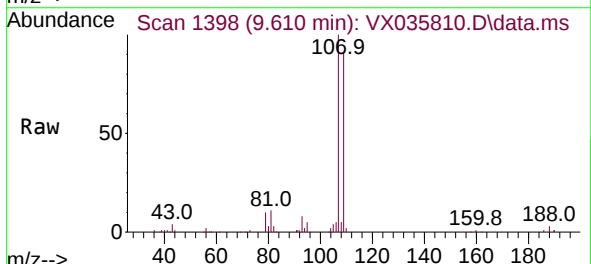
Manual Integrations
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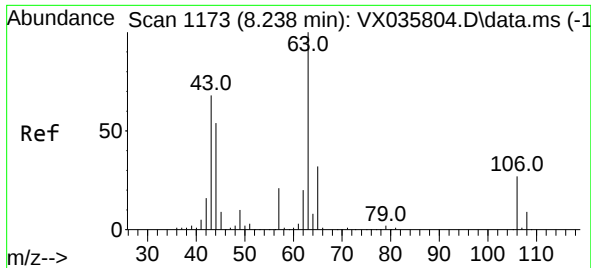
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#54
1,2-Dibromoethane
Concen: 19.296 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

Tgt Ion:107 Resp: 53587
Ion Ratio Lower Upper
107 100
109 92.8 75.4 113.2





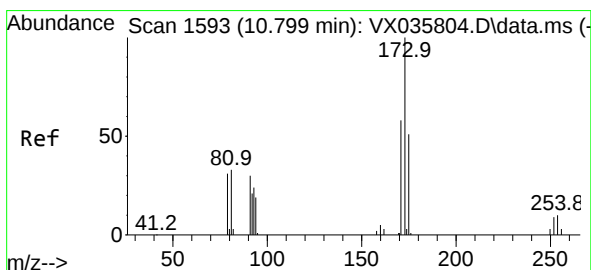
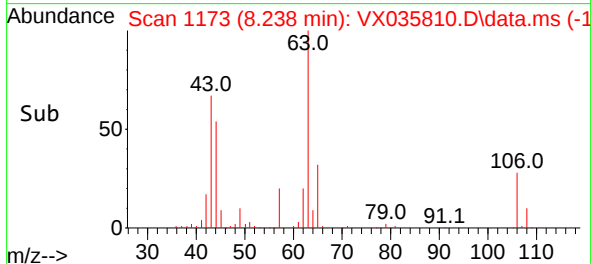
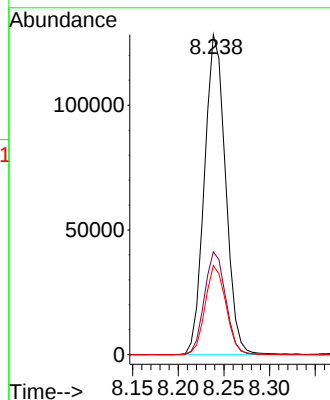
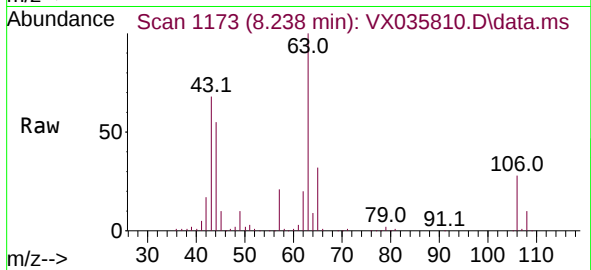
#55
2-Chloroethyl vinyl ether
Concen: 93.969 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01

Tgt Ion: 63 Resp: 205484
Ion Ratio Lower Upper
63 100
65 32.5 25.4 38.2
106 27.5 21.6 32.4

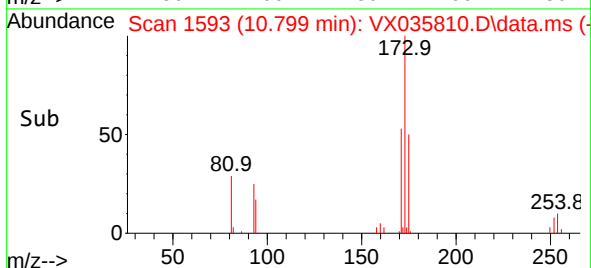
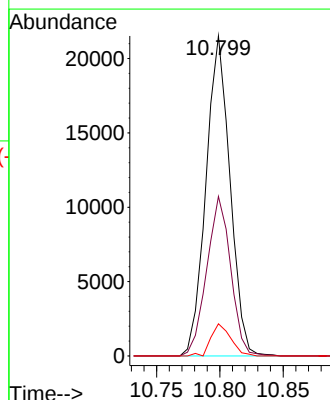
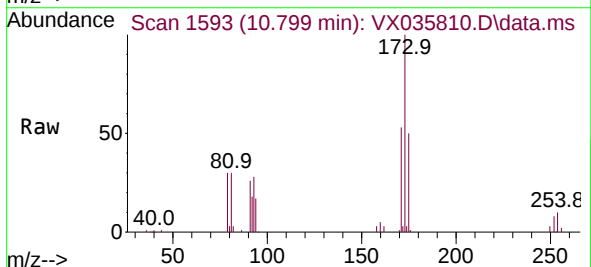
Manual Integrations
APPROVED

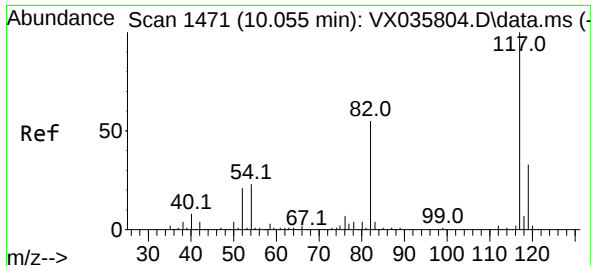
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#56
Bromoform
Concen: 17.904 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

Tgt Ion:173 Resp: 28452
Ion Ratio Lower Upper
173 100
175 49.7 37.0 55.4
254 8.1 6.7 10.1





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX035810.D

Acq: 23 May 2023 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBS01

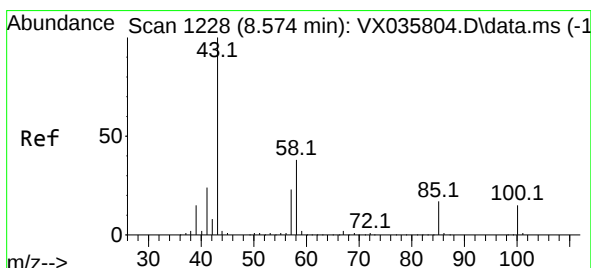
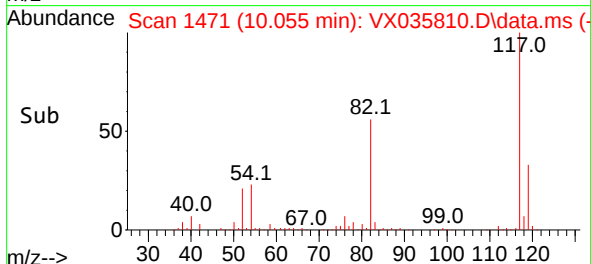
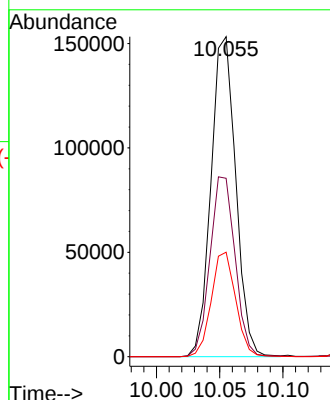
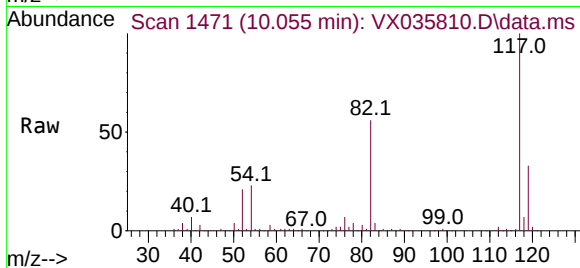
Tgt Ion:117 Resp: 209058
 Ion Ratio Lower Upper
 117 100
 82 57.0 45.8 68.8
 119 32.2 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#58

4-Methyl-2-Pentanone

Concen: 98.970 ug/l

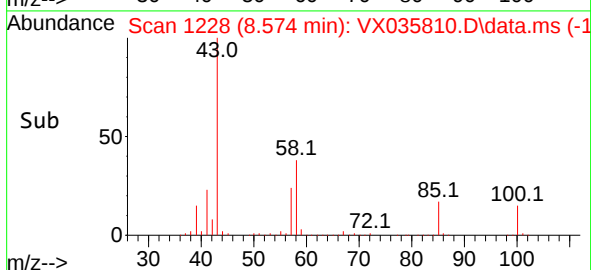
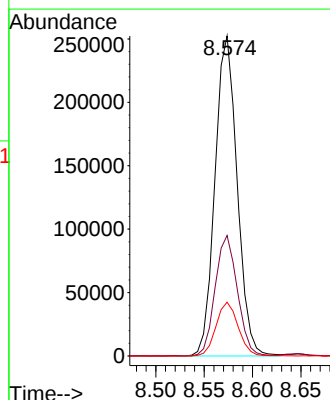
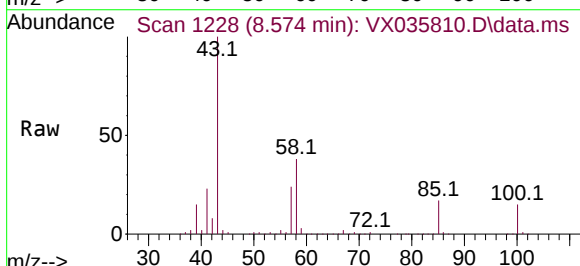
RT: 8.574 min Scan# 1228

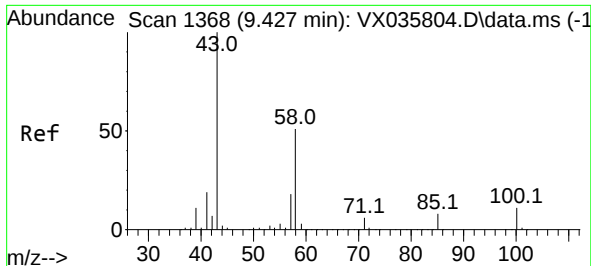
Delta R.T. 0.000 min

Lab File: VX035810.D

Acq: 23 May 2023 13:08

Tgt Ion: 43 Resp: 401883
 Ion Ratio Lower Upper
 43 100
 58 37.7 29.9 44.9
 85 16.7 13.2 19.8





#59

2-Hexanone

Concen: 100.802 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX035810.D

Acq: 23 May 2023 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBS01

Tgt Ion: 43 Resp: 30799

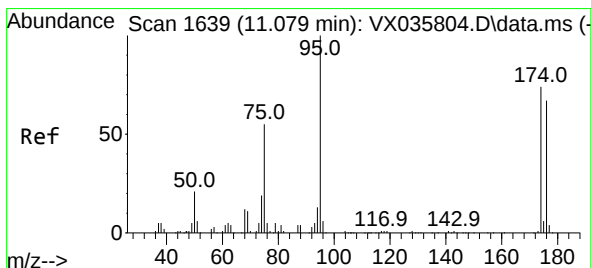
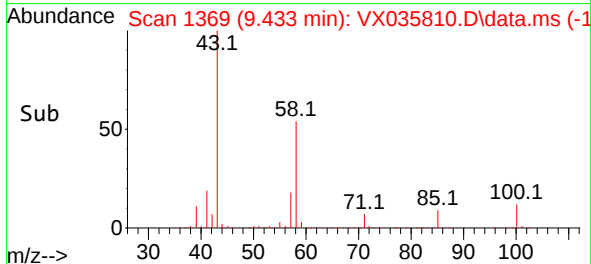
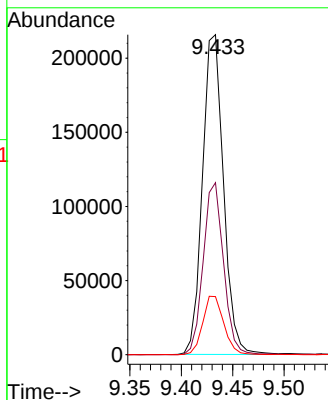
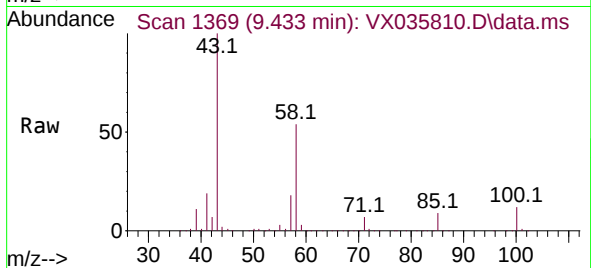
Ion	Ratio	Lower	Upper
43	100		
58	51.8	41.7	62.5
57	18.3	14.7	22.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#60

4-Bromofluorobenzene

Concen: 29.702 ug/l

RT: 11.079 min Scan# 1639

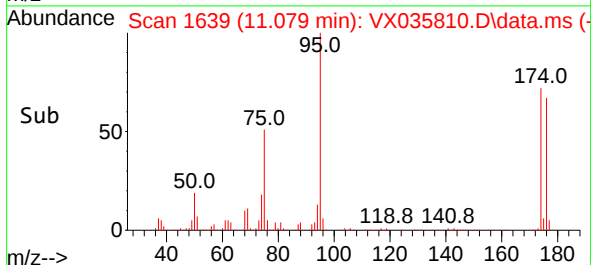
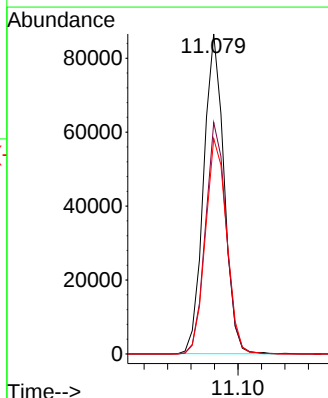
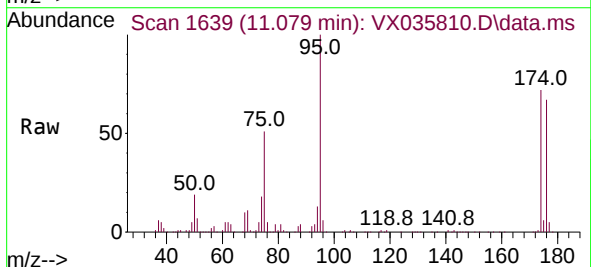
Delta R.T. 0.000 min

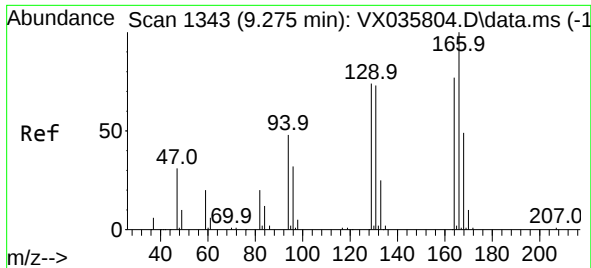
Lab File: VX035810.D

Acq: 23 May 2023 13:08

Tgt Ion: 95 Resp: 104193

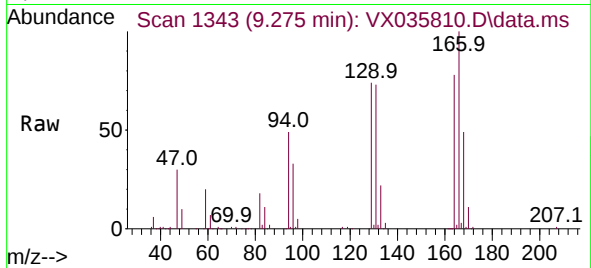
Ion	Ratio	Lower	Upper
95	100		
174	73.4	0.2	0.4#
176	70.5	0.2	0.2#





#61
Tetrachloroethene
Concen: 20.835 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

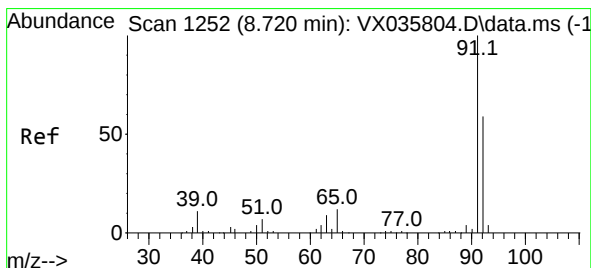
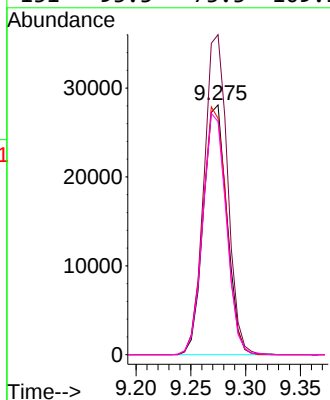
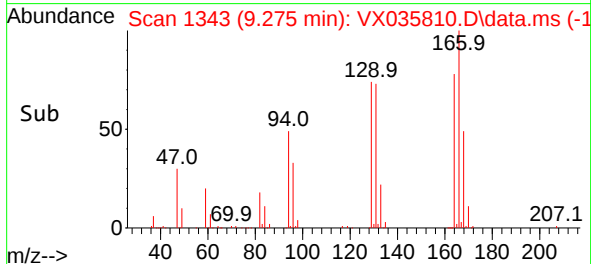
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01



Tgt Ion:164 Resp: 41948
Ion Ratio Lower Upper
164 100
166 128.2 100.1 150.1
129 94.6 79.1 118.7
131 93.3 73.3 109.9

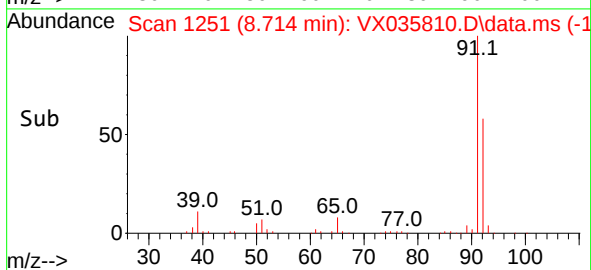
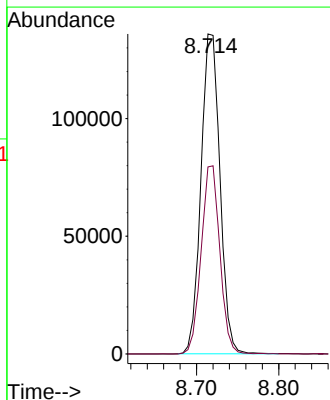
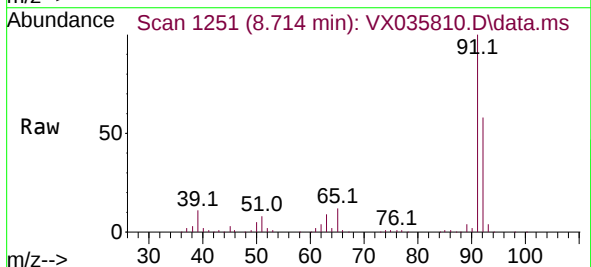
Manual Integrations
APPROVED

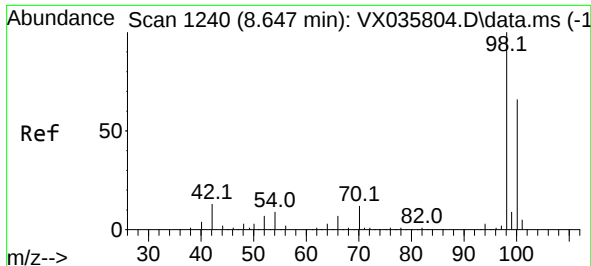
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#62
Toluene
Concen: 20.252 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

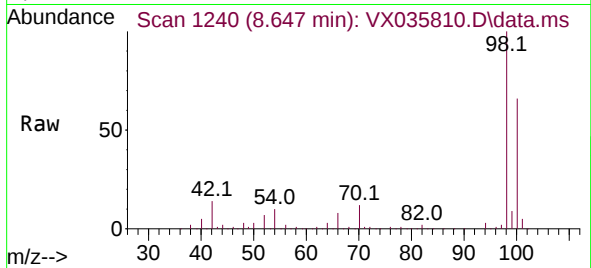
Tgt Ion: 91 Resp: 218034
Ion Ratio Lower Upper
91 100
92 57.9 46.5 69.7





#63
Toluene-d8
Concen: 30.254 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

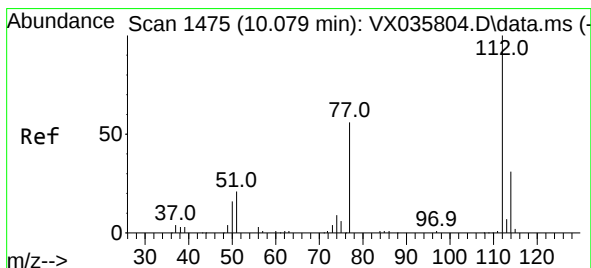
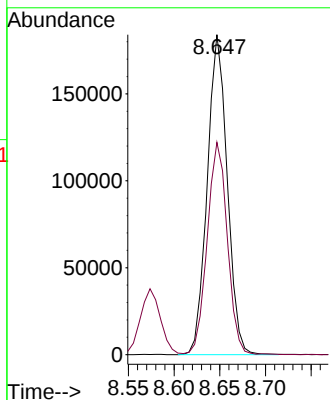
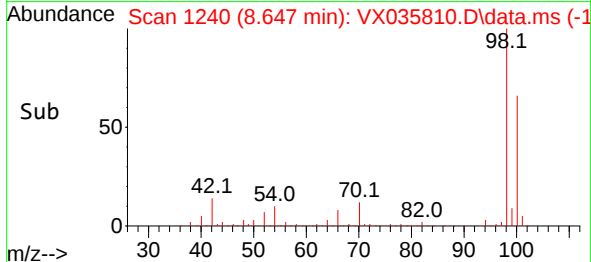
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01



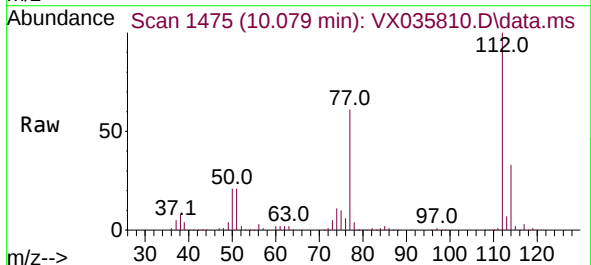
Tgt Ion: 98 Resp: 279600
Ion Ratio Lower Upper
98 100
100 66.7 52.1 78.1

Manual Integrations
APPROVED

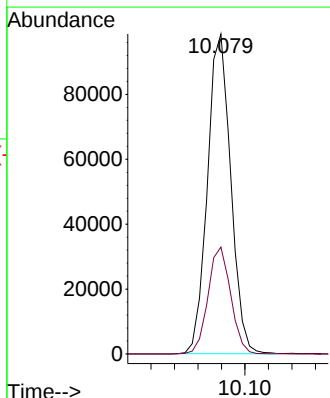
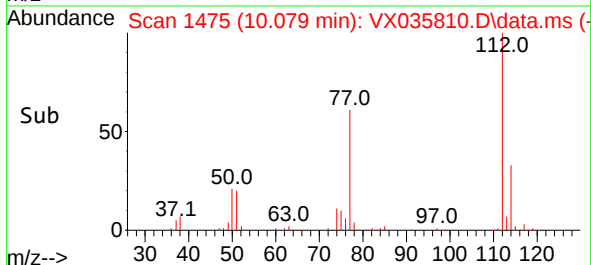
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

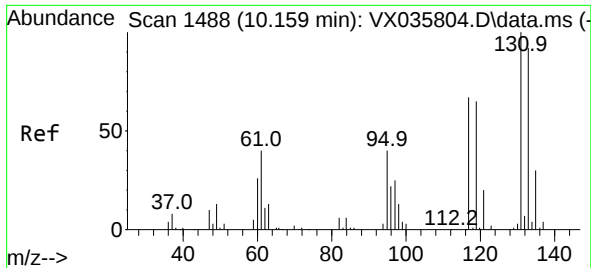


#64
Chlorobenzene
Concen: 19.909 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08



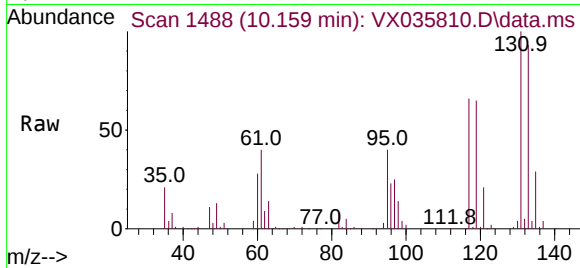
Tgt Ion:112 Resp: 135744
Ion Ratio Lower Upper
112 100
114 33.4 25.8 38.8





#65
1,1,1,2-Tetrachloroethane
Concen: 19.374 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

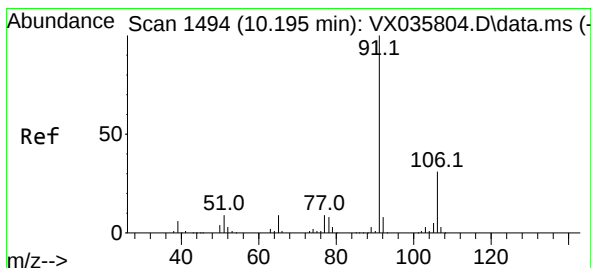
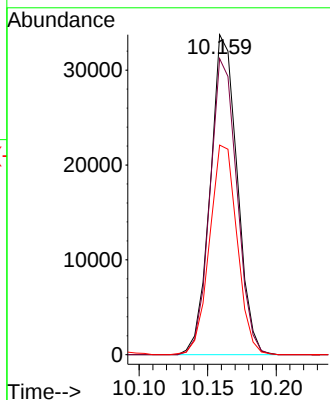
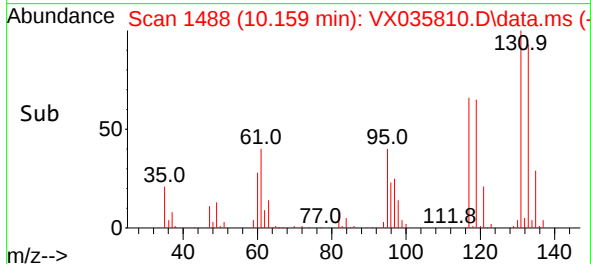
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01



Tgt Ion:131 Resp: 4618
Ion Ratio Lower Upper
131 100
133 92.4 0.0 186.6
119 66.9 0.0 128.6

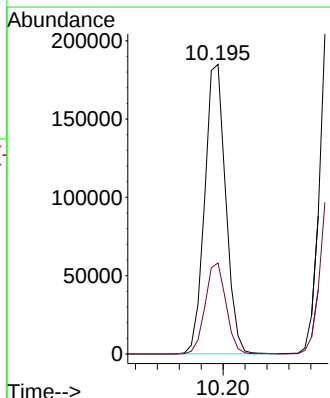
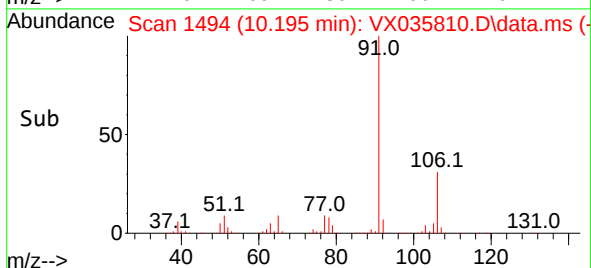
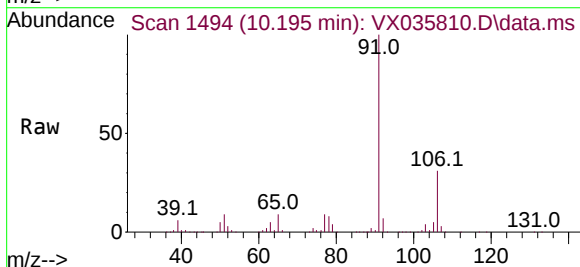
Manual Integrations
APPROVED

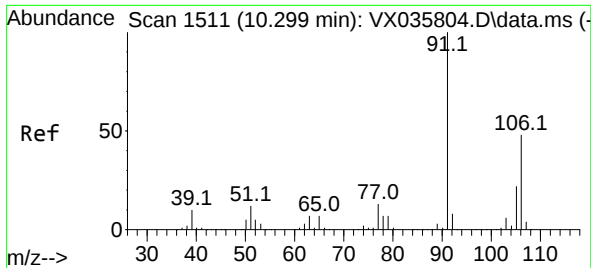
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#66
Ethyl Benzene
Concen: 20.373 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

Tgt Ion: 91 Resp: 245297
Ion Ratio Lower Upper
91 100
106 31.5 24.4 36.6





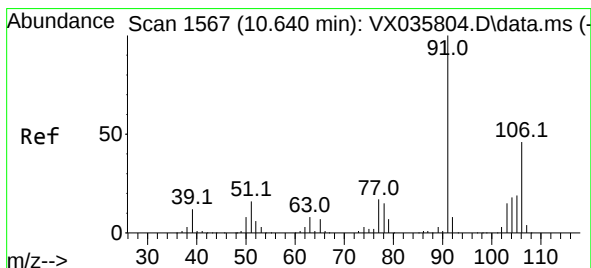
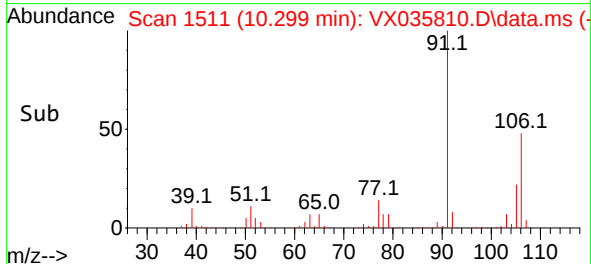
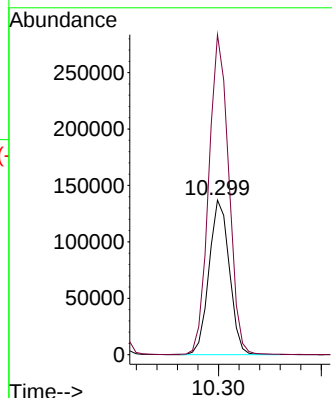
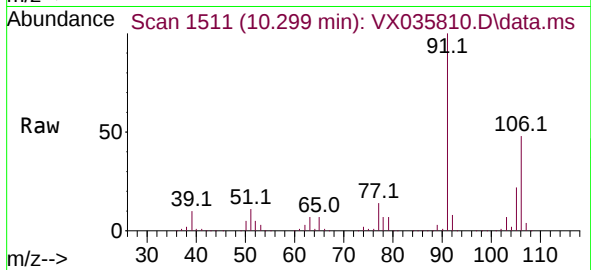
#67
m/p-Xylenes
Concen: 41.197 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01

Tgt Ion:106 Resp: 187752
Ion Ratio Lower Upper
106 100
91 203.0 167.4 251.2

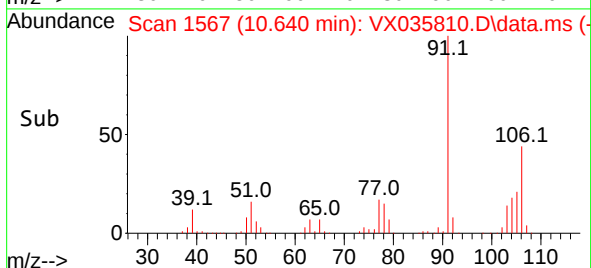
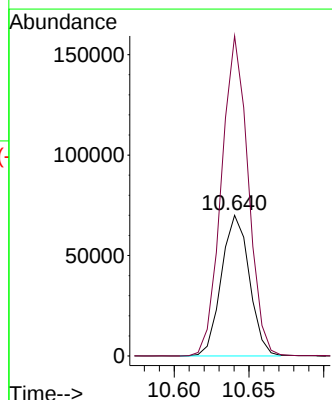
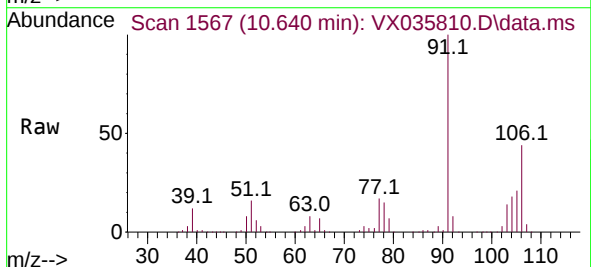
Manual Integrations
APPROVED

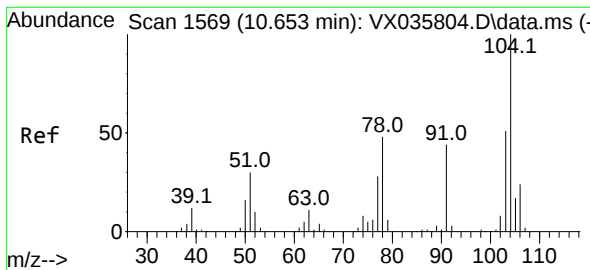
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#68
o-Xylene
Concen: 19.995 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

Tgt Ion:106 Resp: 91149
Ion Ratio Lower Upper
106 100
91 217.6 108.9 326.8





#69

Styrene

Concen: 19.831 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX035810.D

Acq: 23 May 2023 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBS01

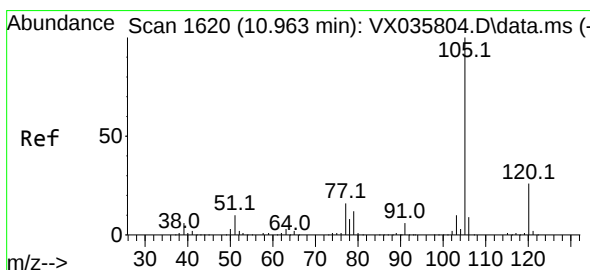
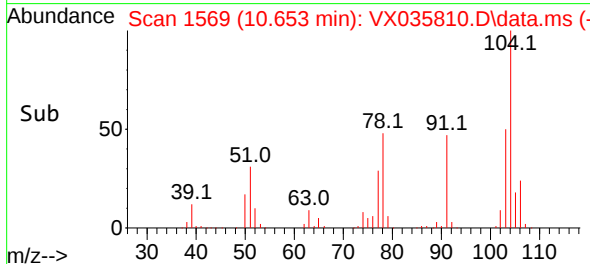
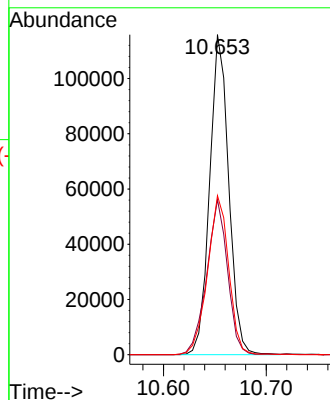
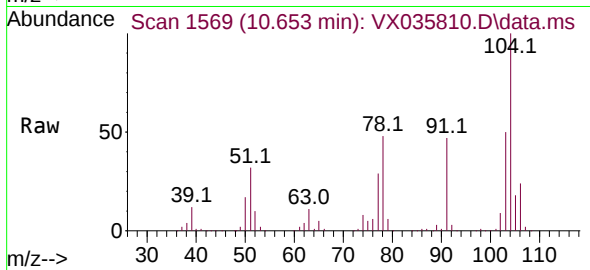
Tgt Ion:104 Resp: 14920
 Ion Ratio Lower Upper
 104 100
 78 52.7 42.8 64.2
 103 55.1 43.8 65.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#70

Isopropylbenzene

Concen: 20.534 ug/l

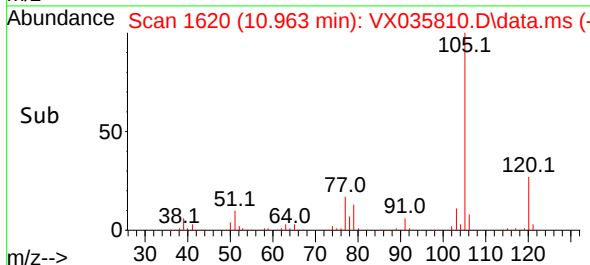
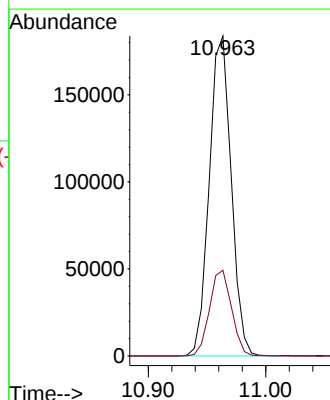
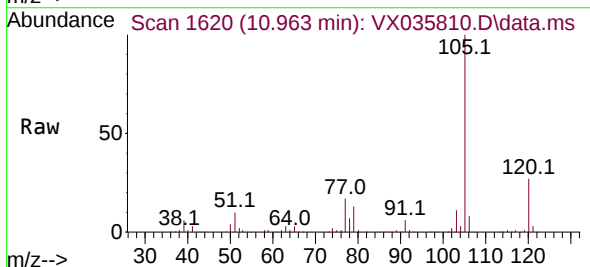
RT: 10.963 min Scan# 1620

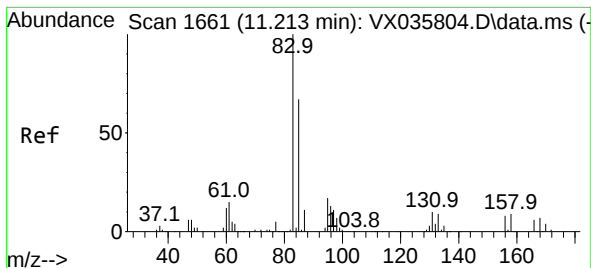
Delta R.T. 0.000 min

Lab File: VX035810.D

Acq: 23 May 2023 13:08

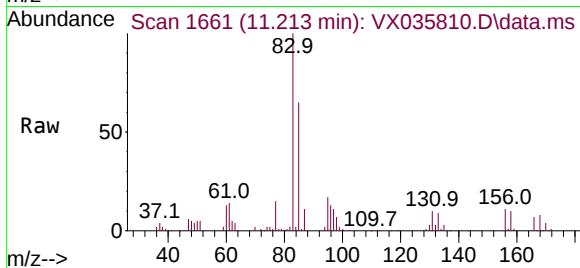
Tgt Ion:105 Resp: 238929
 Ion Ratio Lower Upper
 105 100
 120 26.8 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 19.740 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

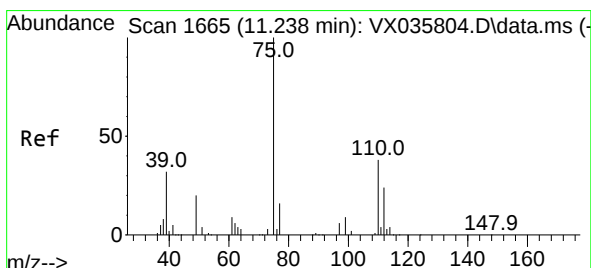
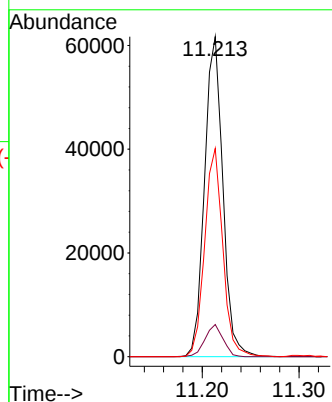
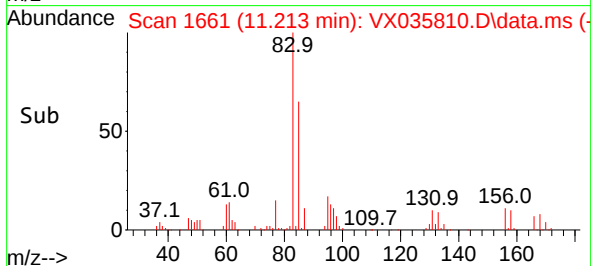
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01



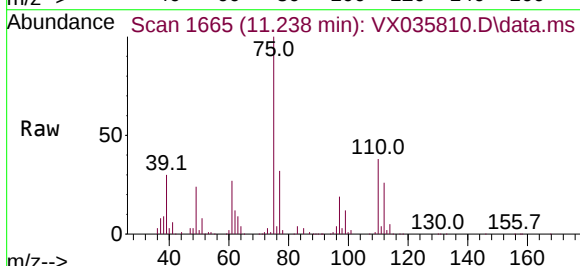
Tgt Ion: 83 Resp: 81350
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.2
85 64.7 31.9 95.5

Manual Integrations
APPROVED

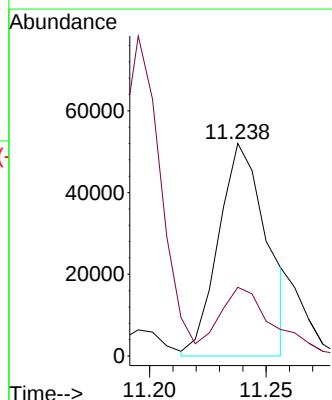
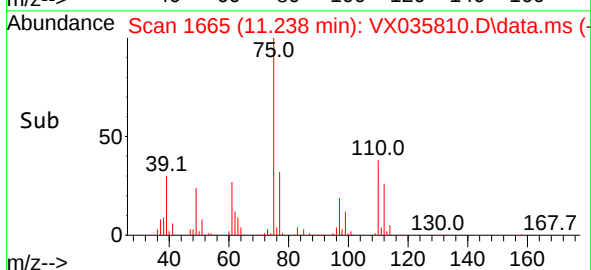
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

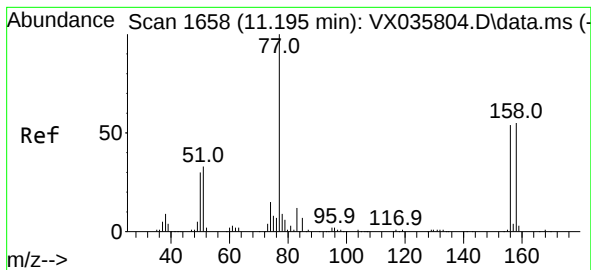


#72
1,2,3-Trichloropropane
Concen: 20.775 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08



Tgt Ion: 75 Resp: 74573
Ion Ratio Lower Upper
75 100
77 36.7 0.0 73.8





#73

Bromobenzene

Concen: 19.653 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035810.D

Acq: 23 May 2023 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBS01

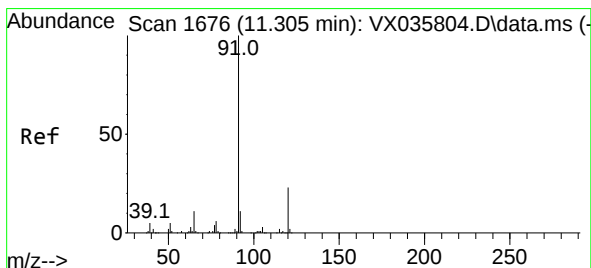
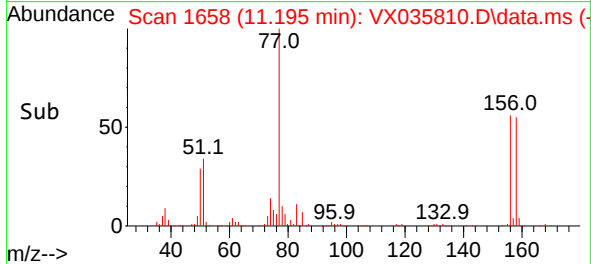
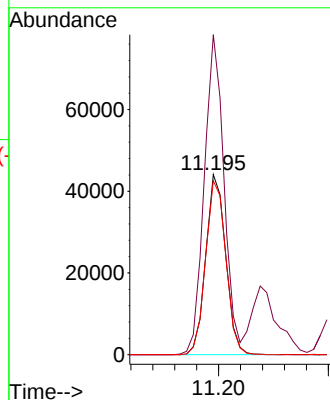
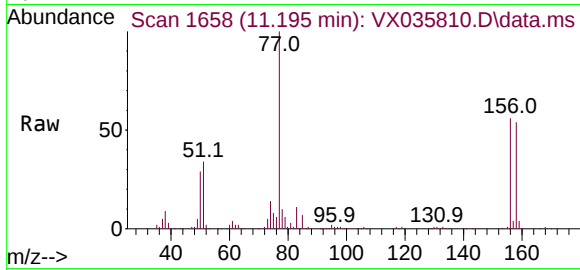
Tgt Ion:	156	Resp:	5555
Ion Ratio	Lower	Upper	
156	100		
77	175.5	0.0	330.8
158	98.2	0.0	193.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#74

n-propylbenzene

Concen: 20.790 ug/l

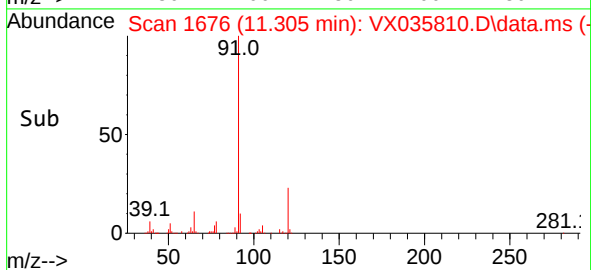
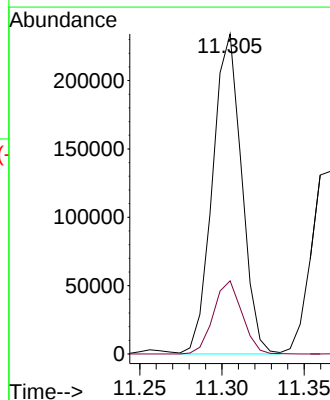
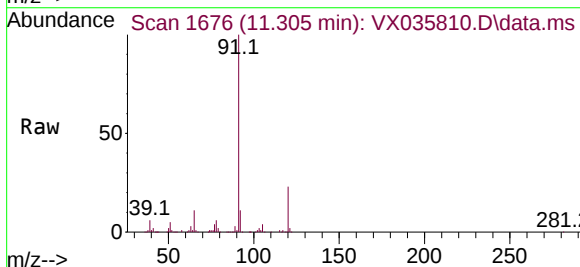
RT: 11.305 min Scan# 1676

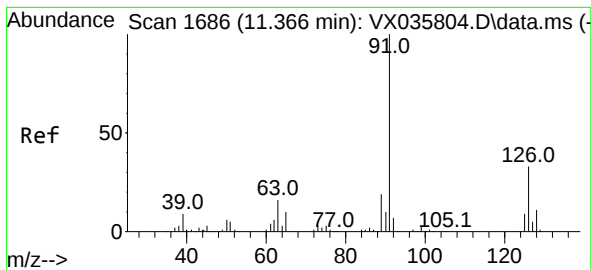
Delta R.T. 0.000 min

Lab File: VX035810.D

Acq: 23 May 2023 13:08

Tgt Ion:	91	Resp:	288351
Ion Ratio	Lower	Upper	
91	100		
120	22.4	0.0	44.8





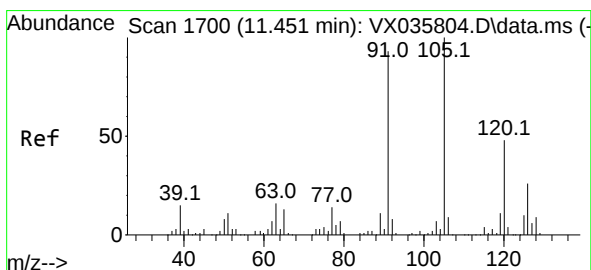
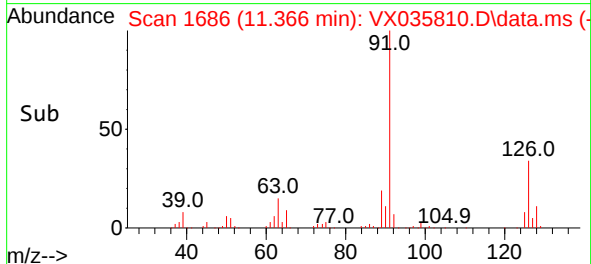
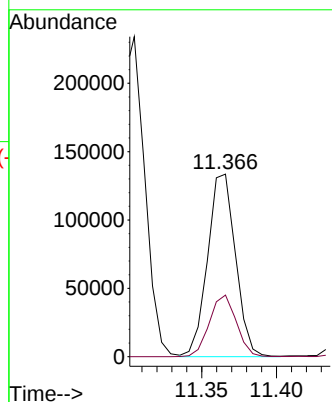
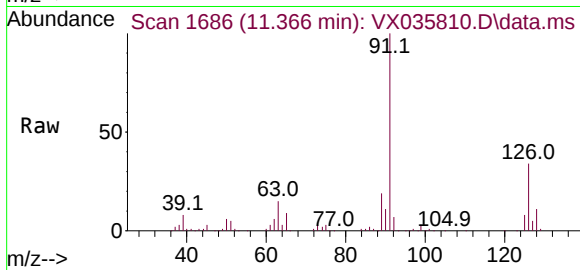
#75
2-Chlorotoluene
Concen: 20.397 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01

Tgt Ion: 91 Resp: 17377
Ion Ratio Lower Upper
91 100
126 32.5 0.0 66.4

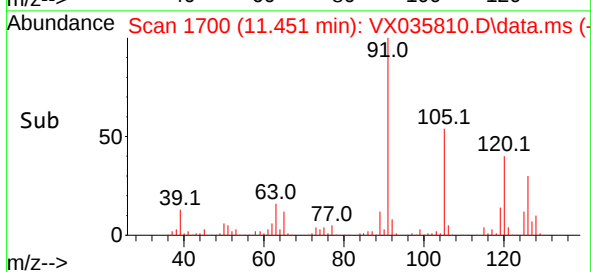
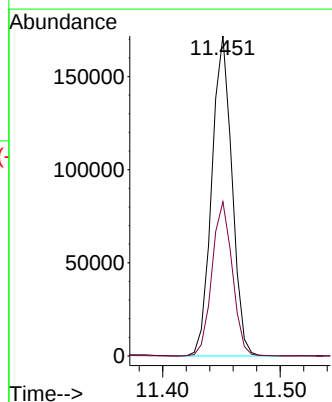
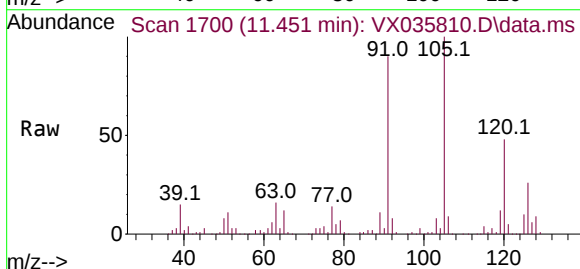
Manual Integrations
APPROVED

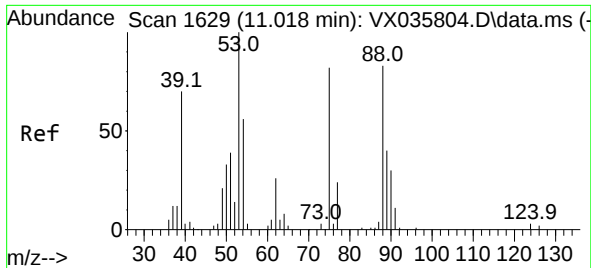
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#76
1,3,5-Trimethylbenzene
Concen: 20.747 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

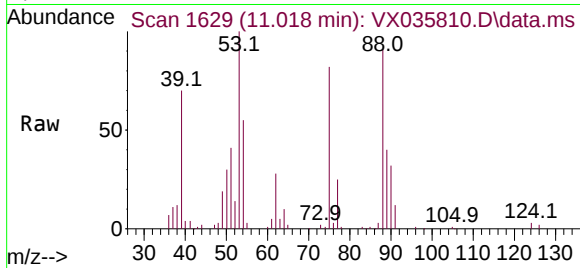
Tgt Ion:105 Resp: 205031
Ion Ratio Lower Upper
105 100
120 48.4 0.0 96.4





#77
t-1,4-Dichloro-2-butene
Concen: 17.514 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

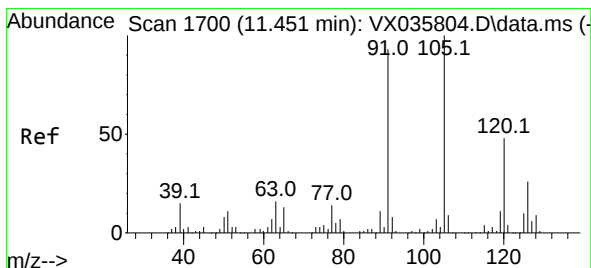
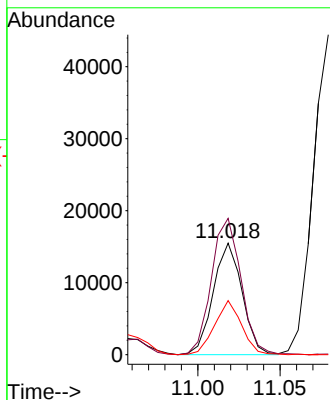
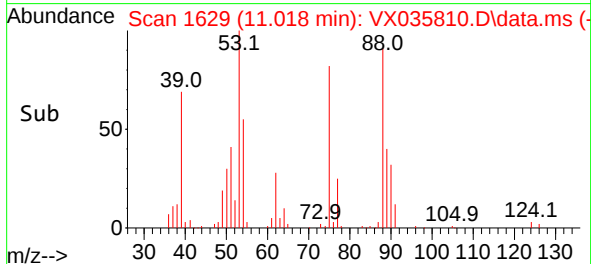
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01



Tgt Ion: 75 Resp: 1896
Ion Ratio Lower Upper
75 100
53 122.2 58.2 174.6
89 48.5 20.6 61.8

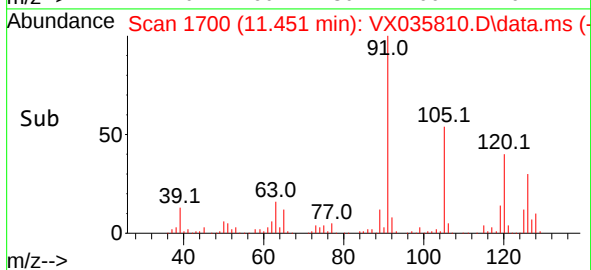
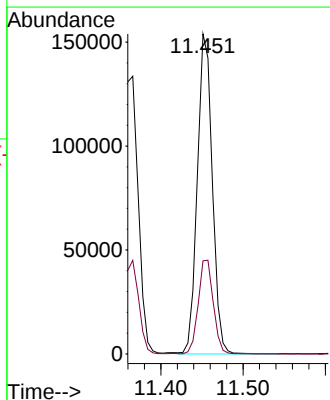
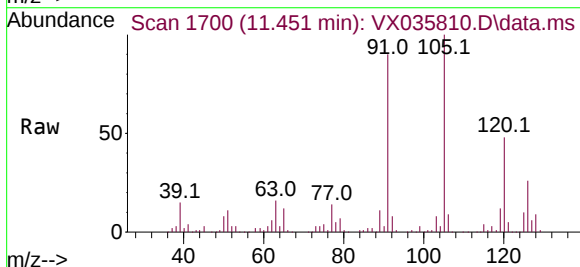
Manual Integrations
APPROVED

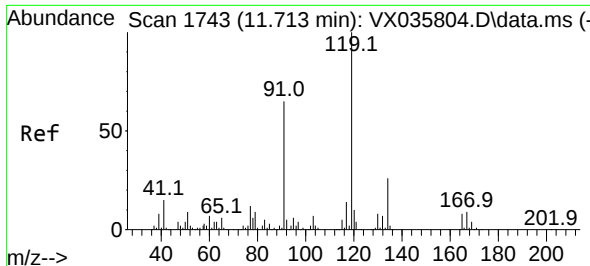
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#78
4-Chlorotoluene
Concen: 20.179 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

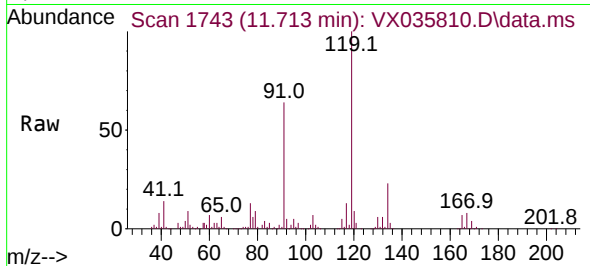
Tgt Ion: 91 Resp: 195846
Ion Ratio Lower Upper
91 100
126 29.4 0.0 56.8





#79
tert-butylbenzene
Concen: 20.776 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

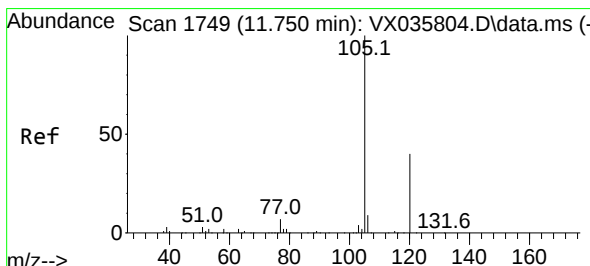
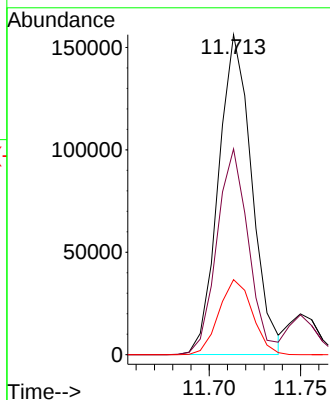
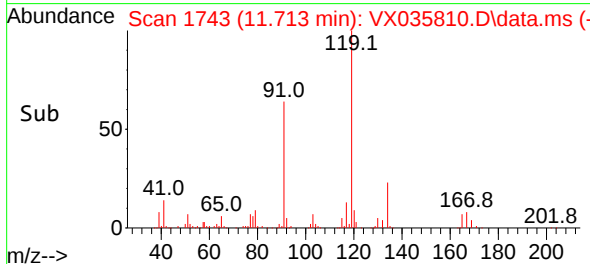
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01



Tgt Ion:119 Resp: 198214
Ion Ratio Lower Upper
119 100
91 61.4 0.0 122.4
134 23.6 0.0 49.2

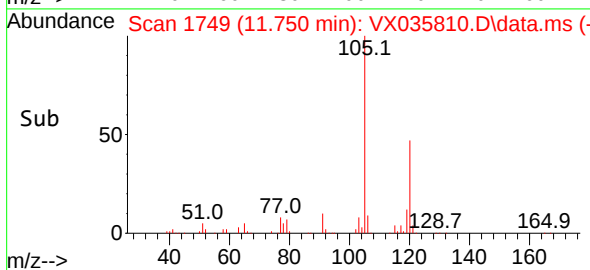
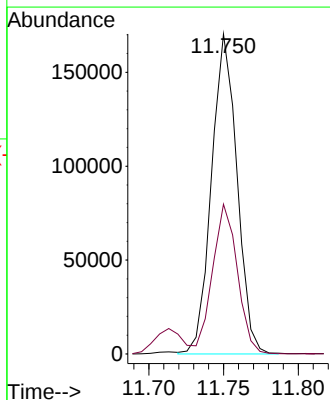
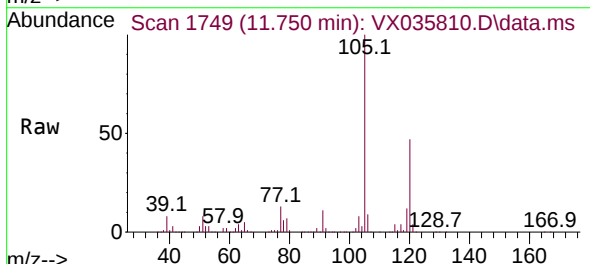
Manual Integrations
APPROVED

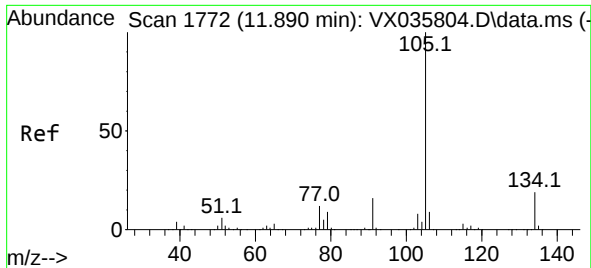
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#80
1,2,4-Trimethylbenzene
Concen: 20.303 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

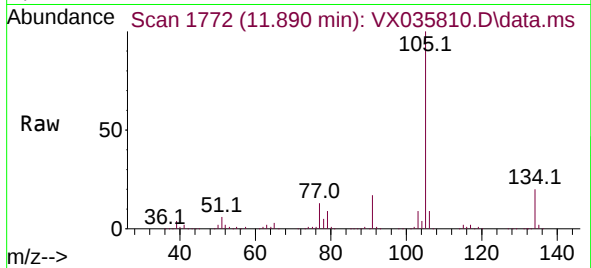
Tgt Ion:105 Resp: 201635
Ion Ratio Lower Upper
105 100
120 45.4 0.0 90.4





#81
 sec-Butylbenzene
 Concen: 20.952 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035810.D
 Acq: 23 May 2023 13:08

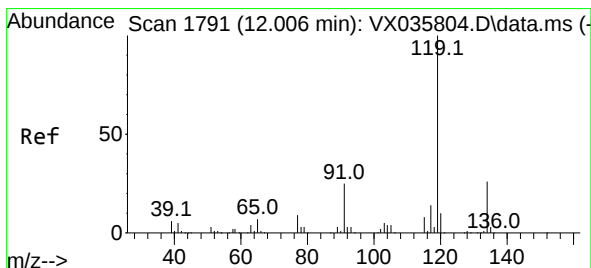
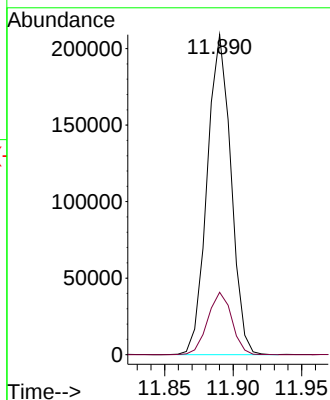
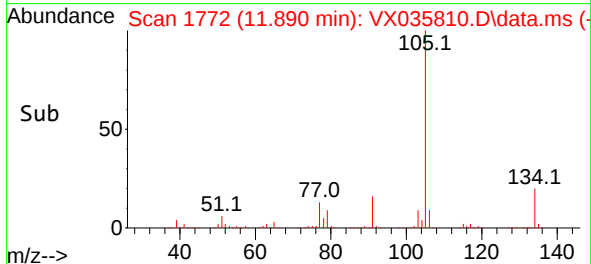
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBS01



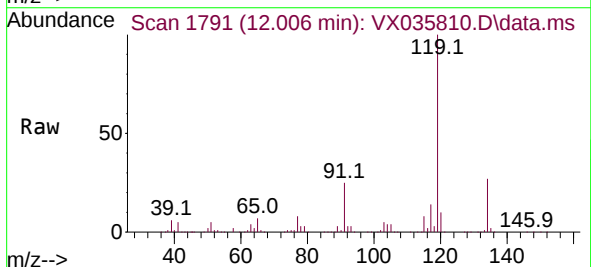
Tgt Ion:105 Resp: 252375
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 40.2

Manual Integrations
 APPROVED

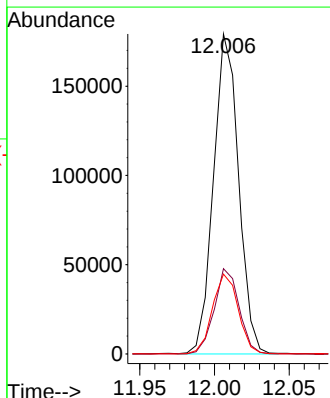
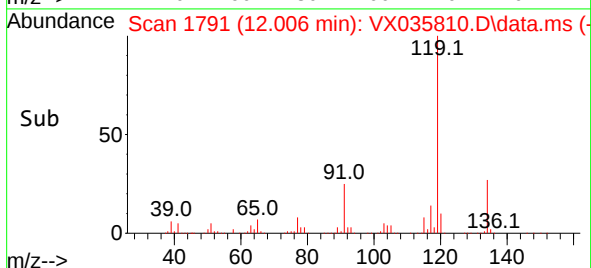
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023

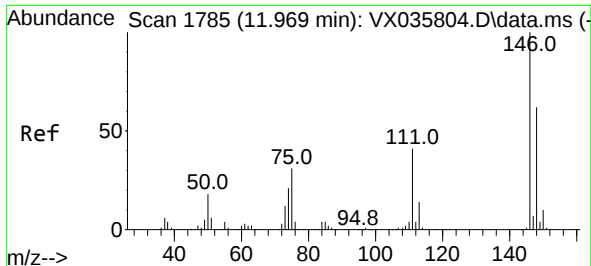


#82
 p-Isopropyltoluene
 Concen: 20.877 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX035810.D
 Acq: 23 May 2023 13:08



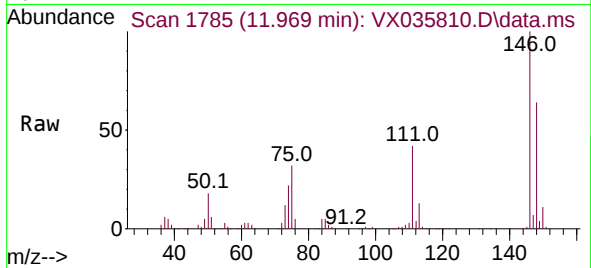
Tgt Ion:119 Resp: 209207
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 52.2
 91 25.7 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 20.153 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

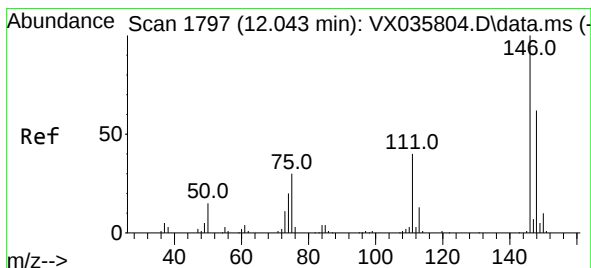
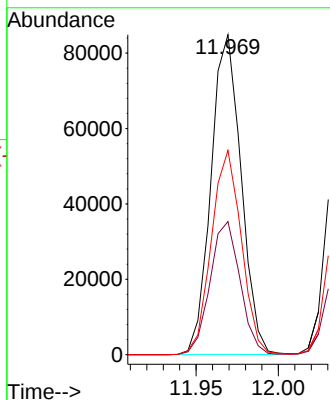
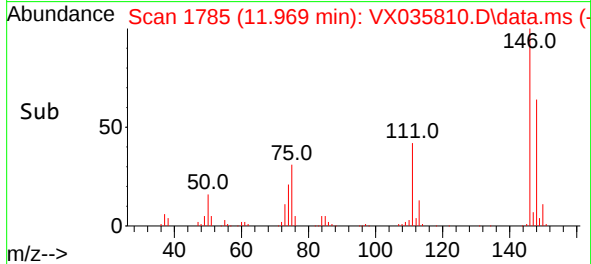
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01



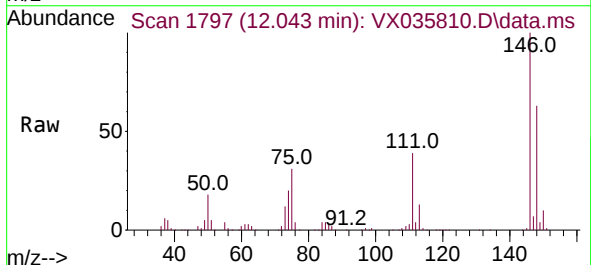
Tgt Ion:146 Resp: 107822
Ion Ratio Lower Upper
146 100
111 41.7 20.6 61.9
148 63.9 31.6 94.7

Manual Integrations
APPROVED

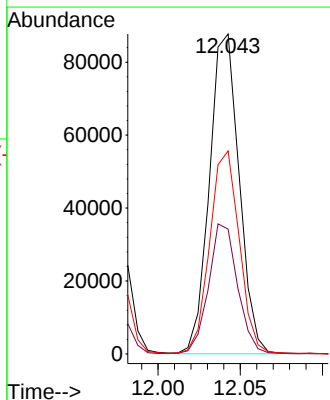
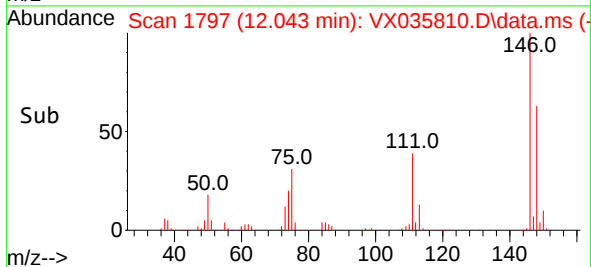
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

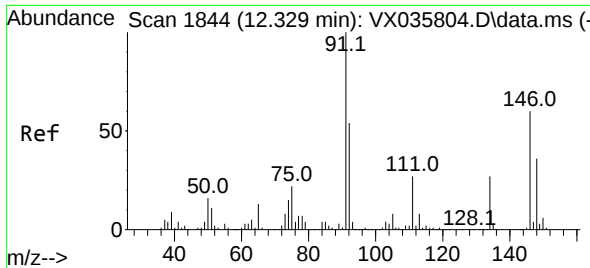


#84
1,4-Dichlorobenzene
Concen: 20.559 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08



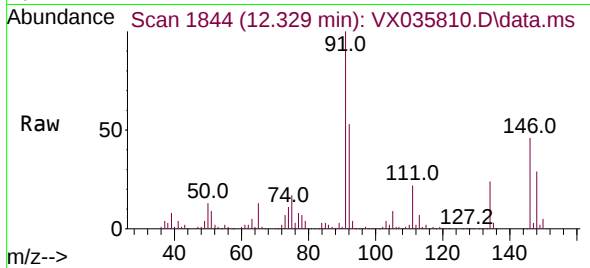
Tgt Ion:146 Resp: 110407
Ion Ratio Lower Upper
146 100
111 39.9 20.3 60.9
148 63.5 31.8 95.3





#85
n-Butylbenzene
Concen: 21.191 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

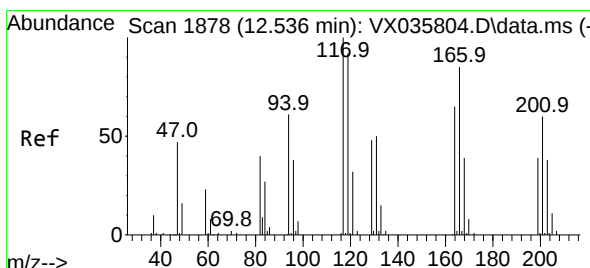
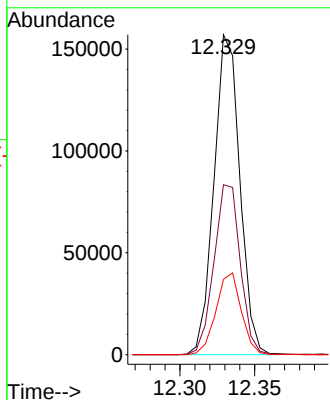
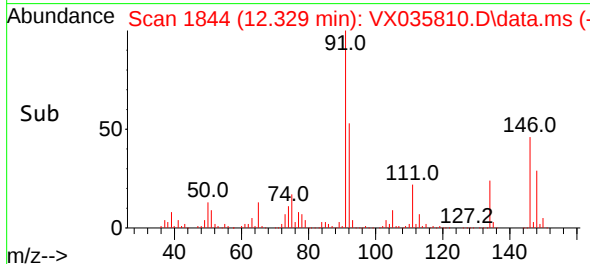
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01



Tgt Ion: 91 Resp: 188915
Ion Ratio Lower Upper
91 100
92 54.1 0.0 107.6
134 25.0 0.0 49.8

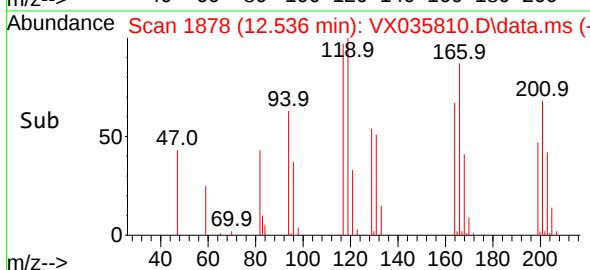
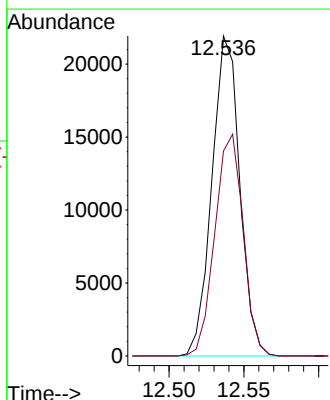
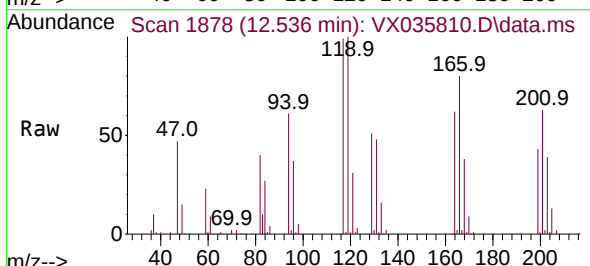
Manual Integrations
APPROVED

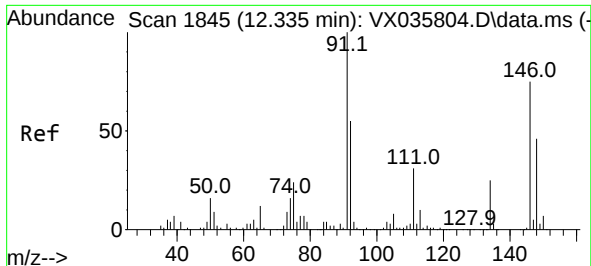
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#86
Hexachloroethane
Concen: 17.972 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

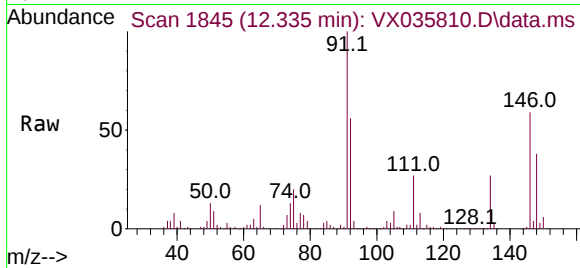
Tgt Ion:117 Resp: 28360
Ion Ratio Lower Upper
117 100
201 70.6 35.4 106.2





#87
1,2-Dichlorobenzene
Concen: 20.552 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

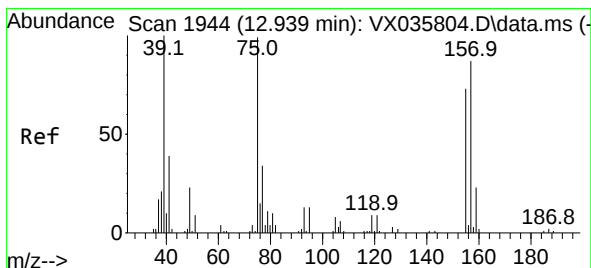
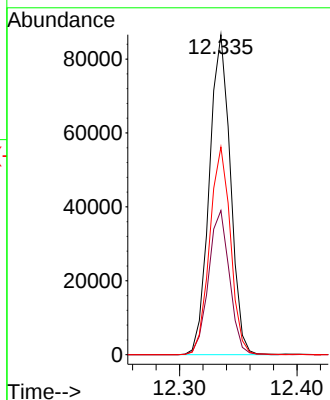
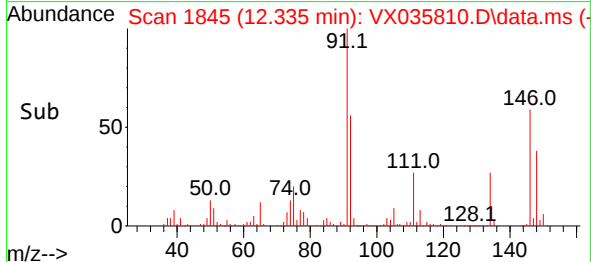
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01



Tgt Ion:146 Resp: 107738
Ion Ratio Lower Upper
146 100
111 44.7 21.3 64.0
148 64.2 31.7 95.1

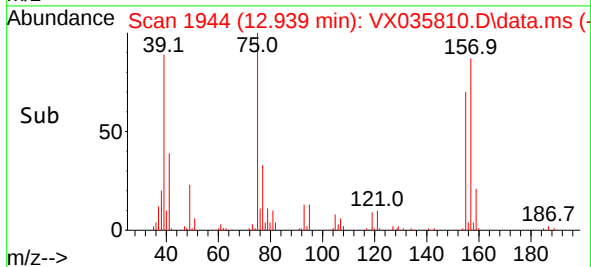
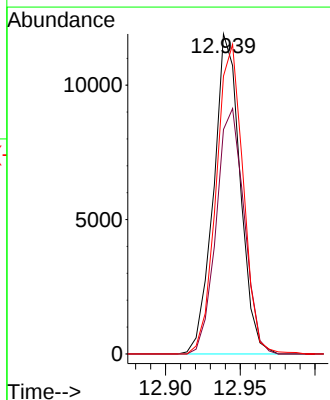
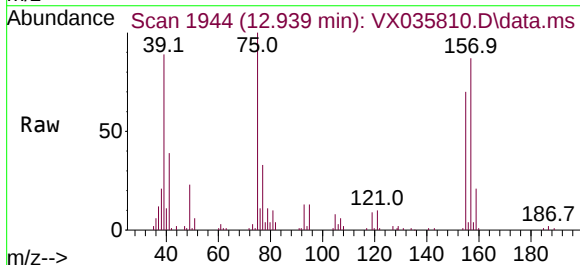
Manual Integrations
APPROVED

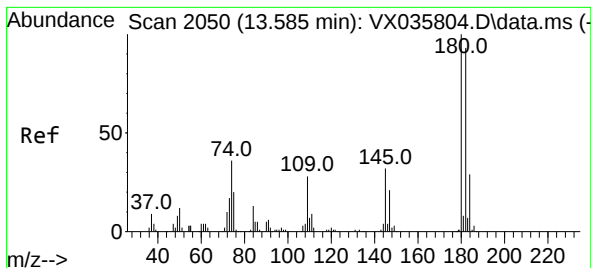
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.685 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

Tgt Ion: 75 Resp: 14718
Ion Ratio Lower Upper
75 100
155 80.4 63.7 95.5
157 98.3 83.7 125.5





#89

1,2,4-Trichlorobenzene

Concen: 21.134 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX035810.D

Acq: 23 May 2023 13:08

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBS01

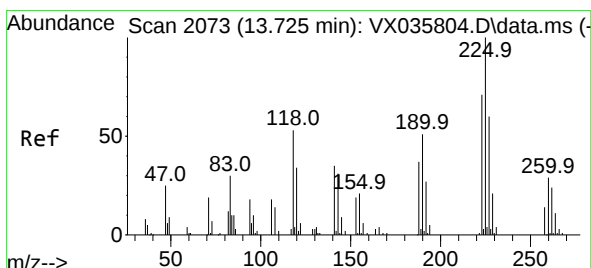
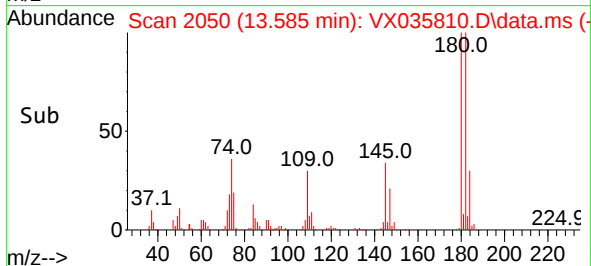
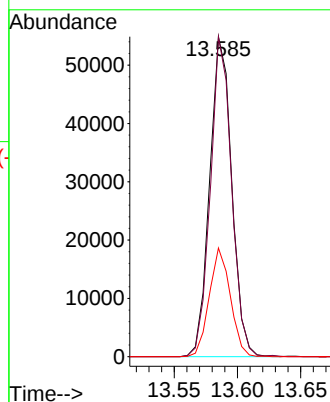
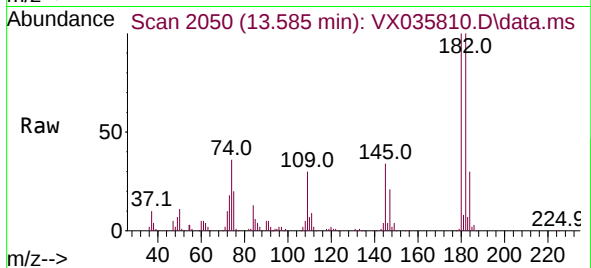
Tgt Ion:180	Resp:	6639
Ion Ratio	Lower	Upper
180	100	
182	95.9	75.8 113.8
145	32.5	25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#90

Hexachlorobutadiene

Concen: 22.139 ug/l

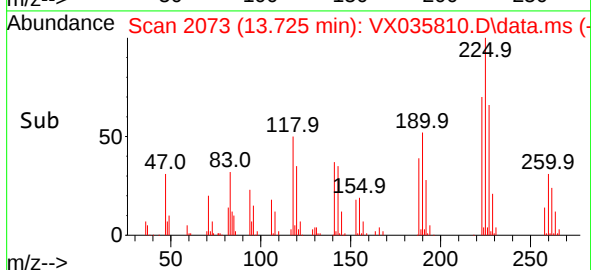
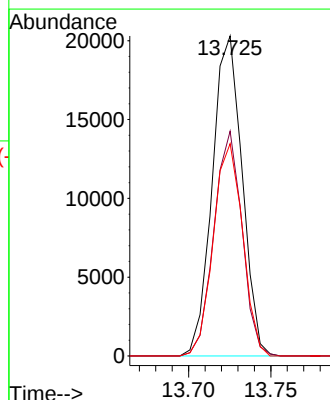
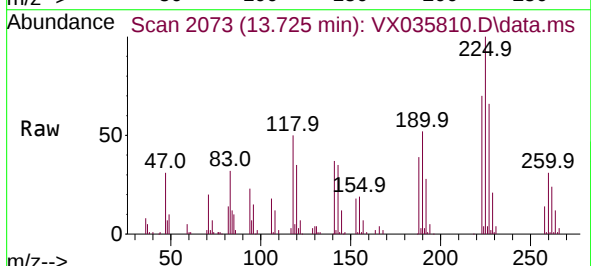
RT: 13.725 min Scan# 2073

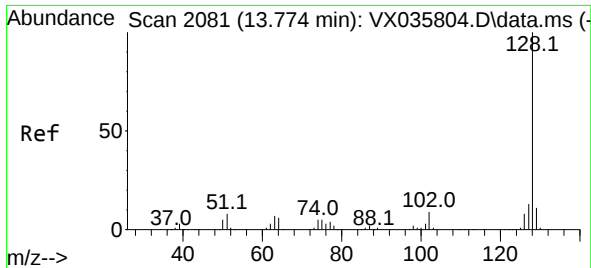
Delta R.T. 0.000 min

Lab File: VX035810.D

Acq: 23 May 2023 13:08

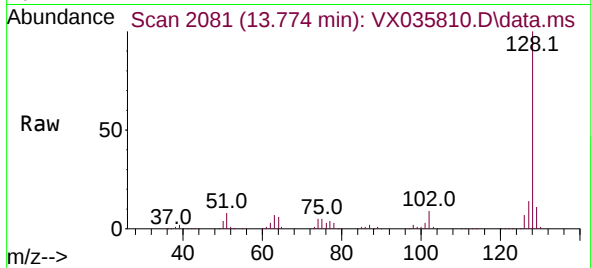
Tgt Ion:225	Resp:	25640
Ion Ratio	Lower	Upper
225	100	
223	66.2	0.0 124.2
227	65.1	0.0 122.8





#91
Naphthalene
Concen: 20.485 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08

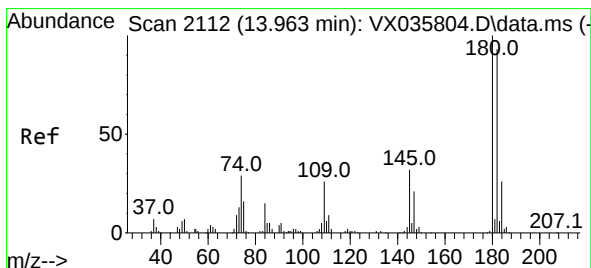
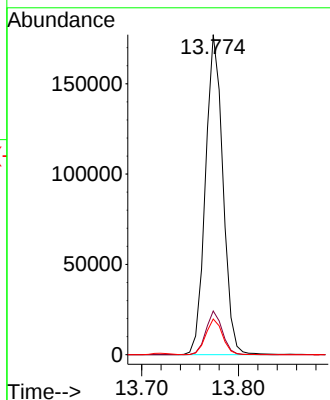
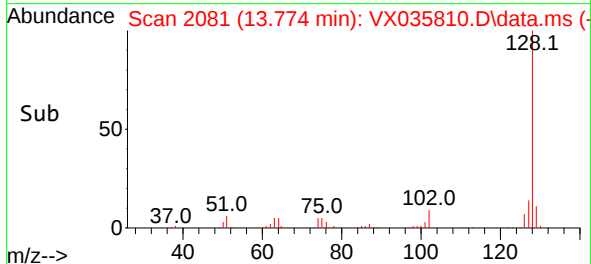
Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01



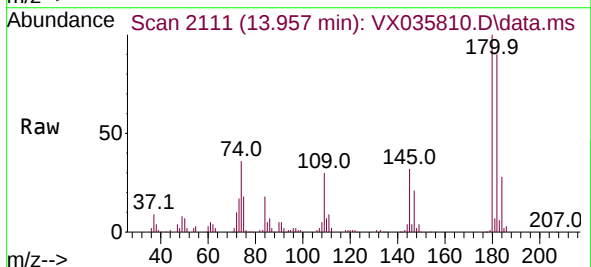
Tgt Ion:128 Resp: 222700
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.8 13.2

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 21.159 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX035810.D
Acq: 23 May 2023 13:08



Tgt Ion:180 Resp: 66370
Ion Ratio Lower Upper
180 100
182 91.3 0.0 191.0
145 34.0 0.0 66.8

