

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028639.D
 Acq On : 12 May 2022 15:17
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051222

Quant Time: May 13 02:46:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/13/2022
 Supervised By : Mahesh Dadoda 05/13/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	222339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	370911	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	344405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	179127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	159937	52.477	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.960%			
35) Dibromofluoromethane	5.385	113	129941	53.470	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.940%			
50) Toluene-d8	8.653	98	493778	53.893	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.780%			
62) 4-Bromofluorobenzene	11.079	95	188310	55.027	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 110.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	156478	53.748	ug/l	100
3) Chloromethane	1.288	50	136315	49.718	ug/l	98
4) Vinyl Chloride	1.374	62	152186	51.507	ug/l	98
5) Bromomethane	1.599	94	115324	55.842	ug/l	99
6) Chloroethane	1.678	64	100106	53.959	ug/l	99
7) Trichlorofluoromethane	1.880	101	241832	51.336	ug/l	100
8) Diethyl Ether	2.130	74	88150	51.355	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	125064	50.451	ug/l	94
10) Methyl Iodide	2.453	142	145726	49.102	ug/l	94
11) Tert butyl alcohol	2.965	59	169780	262.905	ug/l	100
12) 1,1-Dichloroethene	2.319	96	118189	51.362	ug/l	98
13) Acrolein	2.233	56	113514	226.913	ug/l	99
14) Allyl chloride	2.660	41	192614	52.189	ug/l	91
15) Acrylonitrile	3.062	53	382530	260.505	ug/l	99
16) Acetone	2.380	43	360404	275.533	ug/l	92
17) Carbon Disulfide	2.508	76	311627	52.243	ug/l	99
18) Methyl Acetate	2.703	43	168313	51.376	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	432790	53.000	ug/l	99
20) Methylene Chloride	2.788	84	136466	49.729	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	135505	52.279	ug/l	98
22) Diisopropyl ether	3.757	45	417633	52.953	ug/l #	79
23) Vinyl Acetate	3.721	43	1841425	270.832	ug/l	97
24) 1,1-Dichloroethane	3.605	63	242693	52.931	ug/l	99
25) 2-Butanone	4.556	43	551322	268.522	ug/l	96
26) 2,2-Dichloropropane	4.477	77	199776	55.570	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	158376	52.317	ug/l	97
28) Bromochloromethane	4.897	49	100298	51.969	ug/l	93
29) Tetrahydrofuran	5.001	42	350065	262.302	ug/l	93
30) Chloroform	5.092	83	257585	51.909	ug/l	97
31) Cyclohexane	5.470	56	219977	51.999	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	226523	52.290	ug/l	99
36) 1,1-Dichloropropene	5.690	75	191636	52.502	ug/l	99
37) Ethyl Acetate	4.708	43	210006	55.085	ug/l	97
38) Carbon Tetrachloride	5.678	117	199732	54.374	ug/l	99
39) Methylcyclohexane	7.385	83	227455	54.338	ug/l	95
40) Benzene	6.037	78	554092	52.820	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	109578	53.606	ug/l	93
42) 1,2-Dichloroethane	6.086	62	203822	52.676	ug/l	98
43) Isopropyl Acetate	6.342	43	328667	55.105	ug/l	95
44) Trichloroethene	7.129	130	152661	53.659	ug/l	99
45) 1,2-Dichloropropane	7.434	63	139261	53.208	ug/l	99
46) Dibromomethane	7.580	93	103047	52.721	ug/l	92
47) Bromodichloromethane	7.824	83	198109	54.593	ug/l	100
48) Methyl methacrylate	7.696	41	160193	55.600	ug/l	86
49) 1,4-Dioxane	7.659	88	77311	1074.094	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	1071387	272.712	ug/l	94
52) Toluene	8.720	92	363407	53.853	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	213946	51.178	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	231259	56.637	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	146513	53.245	ug/l	98
56) Ethyl methacrylate	9.116	69	234733	56.332	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	247994	53.434	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	560980	274.979	ug/l	99
59) 2-Hexanone	9.433	43	857884	281.064	ug/l	92
60) Dibromochloromethane	9.525	129	152083	56.671	ug/l	96
61) 1,2-Dibromoethane	9.610	107	159190	55.081	ug/l	99
64) Tetrachloroethene	9.275	164	141339	54.344	ug/l	98
65) Chlorobenzene	10.079	112	388828	53.218	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	143147	55.308	ug/l	99
67) Ethyl Benzene	10.195	91	714056	54.525	ug/l	99
68) m/p-Xylenes	10.305	106	560201	109.874	ug/l	99
69) o-Xylene	10.640	106	272495	54.284	ug/l	99
70) Styrene	10.659	104	459116	56.320	ug/l	98
71) Bromoform	10.799	173	109272	50.912	ug/l #	100
73) Isopropylbenzene	10.963	105	710624	52.313	ug/l	99
74) N-amyl acetate	10.841	43	299121	56.017	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	239729	51.442	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	219886m	52.416	ug/l	
77) Bromobenzene	11.201	156	170427	53.024	ug/l	97
78) n-propylbenzene	11.305	91	838068	53.336	ug/l	100
79) 2-Chlorotoluene	11.366	91	499932	51.910	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	607554	53.676	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	71450	50.748	ug/l	88
82) 4-Chlorotoluene	11.457	91	585181	52.560	ug/l	99
83) tert-Butylbenzene	11.719	119	586199	53.490	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	611520	53.876	ug/l	99
85) sec-Butylbenzene	11.890	105	723387	53.512	ug/l	99
86) p-Isopropyltoluene	12.012	119	620041	54.661	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	333024	52.825	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	333168	50.950	ug/l	98
89) n-Butylbenzene	12.335	91	536880	54.625	ug/l	98
90) Hexachloroethane	12.542	117	101089	55.108	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	329668	53.231	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	52909	53.171	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	189756	53.049	ug/l	99
94) Hexachlorobutadiene	13.725	225	76727	52.800	ug/l	95
95) Naphthalene	13.780	128	699829	54.980	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	190262	52.959	ug/l	95

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ICVVX051222

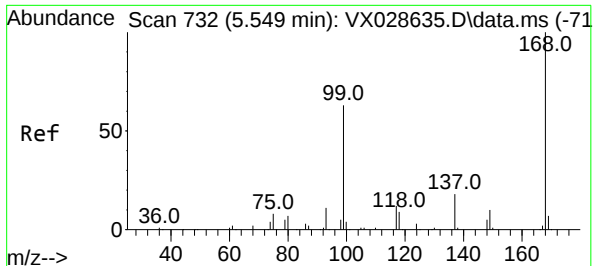
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
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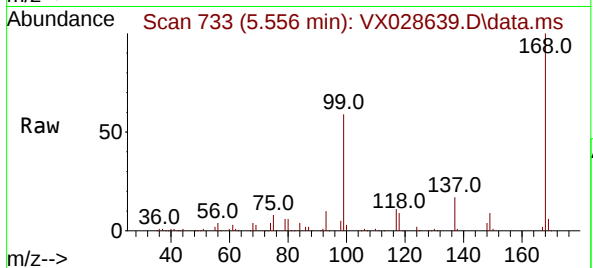
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 732
Delta R.T. 0.007 min
Lab File: VX028639.D
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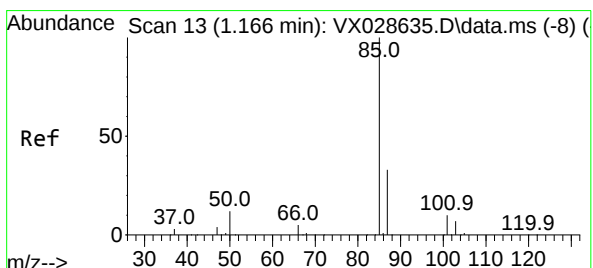
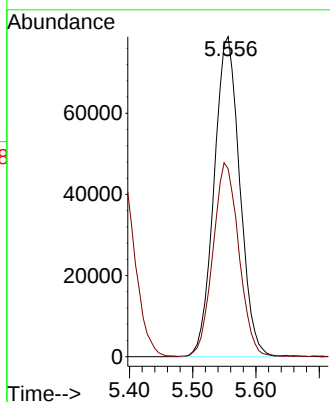
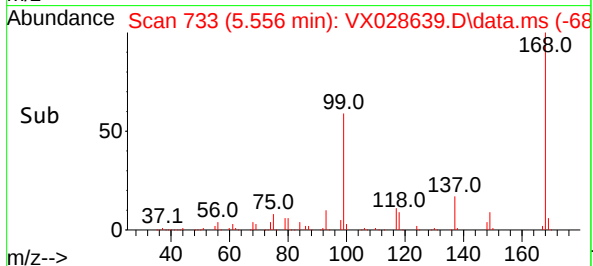
Instrument :
MSVOA_X
ClientSampleId :
ICVVX051222



Tgt Ion:168 Resp: 222339
Ion Ratio Lower Upper
168 100
99 58.6 41.7 62.5

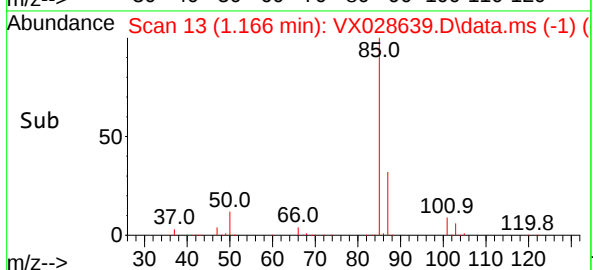
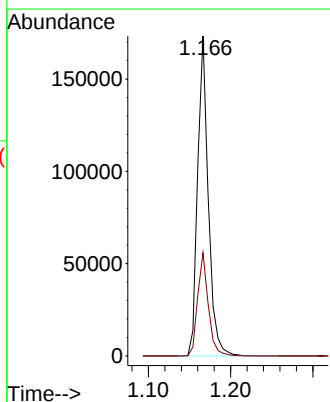
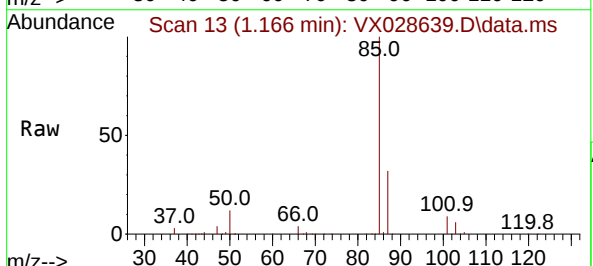
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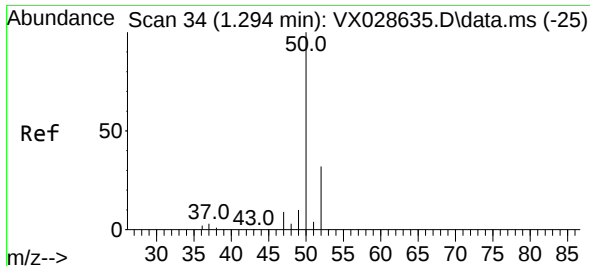
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#2
Dichlorodifluoromethane
Concen: 53.748 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

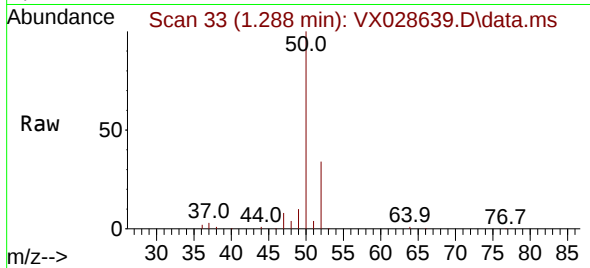
Tgt Ion: 85 Resp: 156478
Ion Ratio Lower Upper
85 100
87 32.3 16.2 48.6





#3
Chloromethane
Concen: 49.718 ug/l
RT: 1.288 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

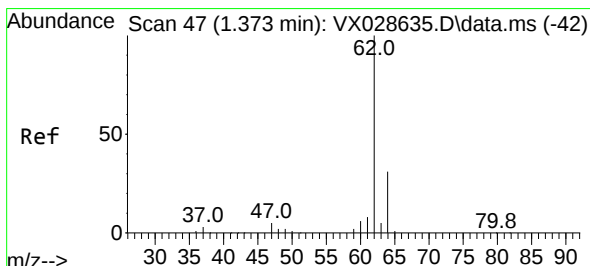
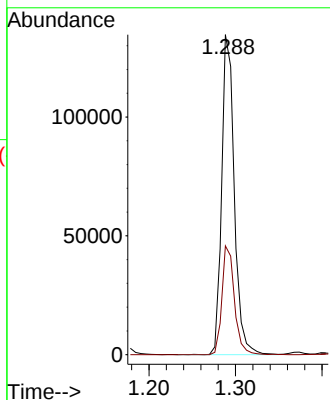
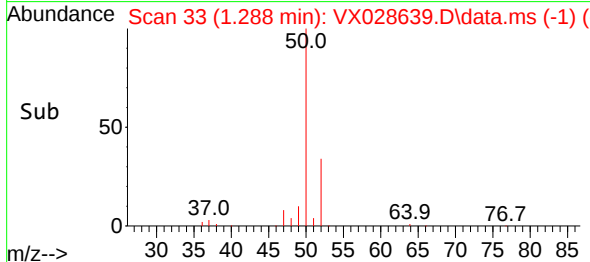
Instrument :
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Tgt Ion: 50 Resp: 136315
Ion Ratio Lower Upper
50 100
52 34.0 26.4 39.6

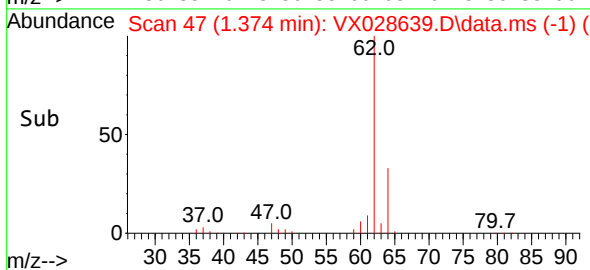
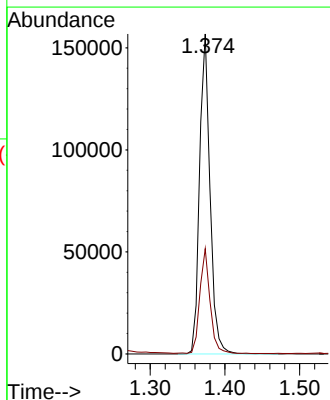
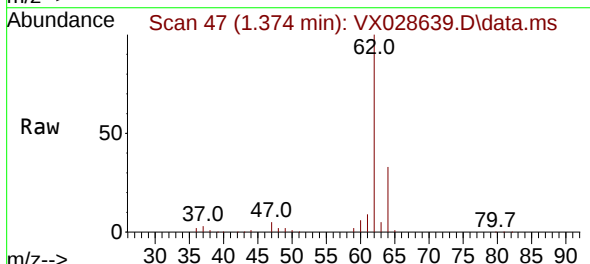
Manual Integrations
APPROVED

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#4
Vinyl Chloride
Concen: 51.507 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

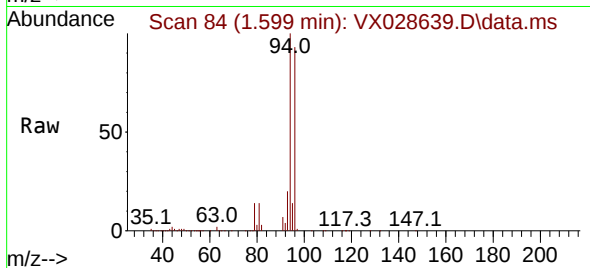
Tgt Ion: 62 Resp: 152186
Ion Ratio Lower Upper
62 100
64 32.7 25.5 38.3





#5
Bromomethane
Concen: 55.842 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

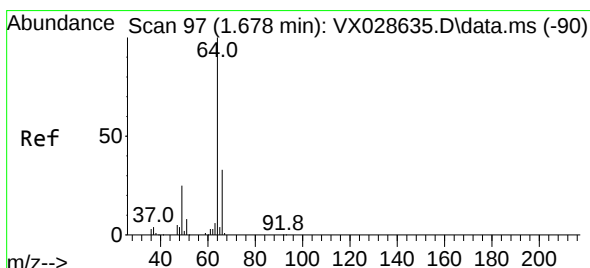
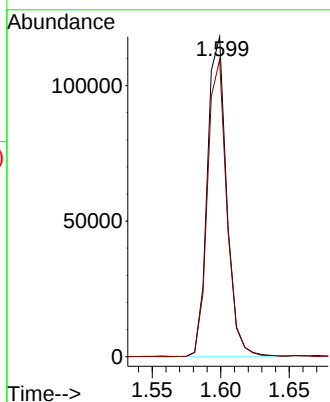
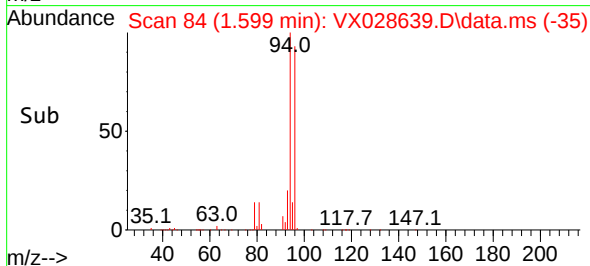
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 115324
Ion Ratio Lower Upper
94 100
96 92.8 75.3 112.9

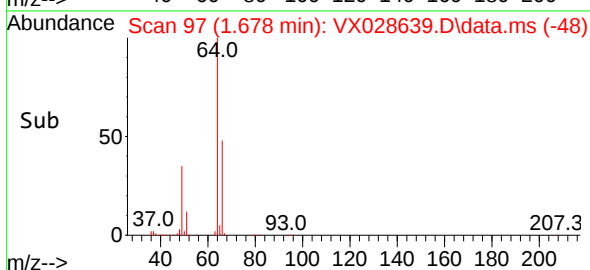
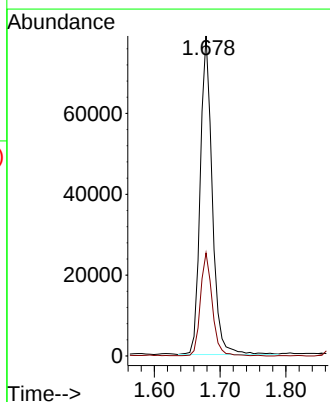
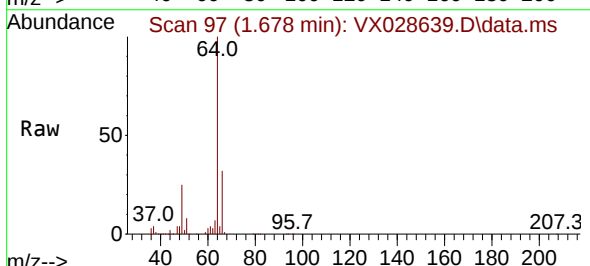
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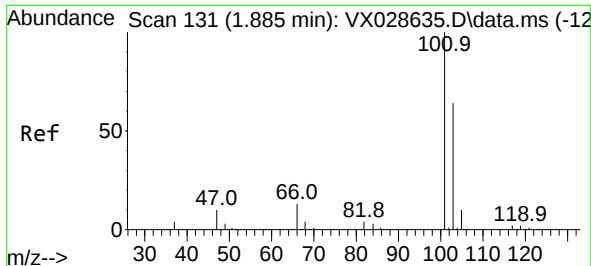
Reviewed By :John Carlone 05/13/2022
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#6
Chloroethane
Concen: 53.959 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

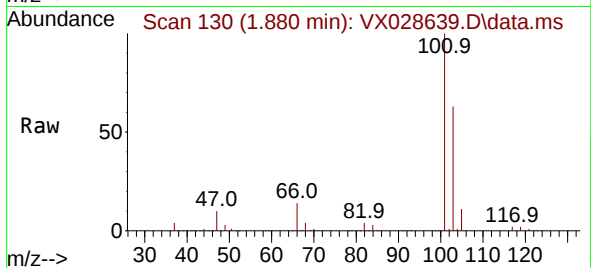
Tgt Ion: 64 Resp: 100106
Ion Ratio Lower Upper
64 100
66 32.3 25.3 37.9





#7
Trichlorofluoromethane
Concen: 51.336 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.005 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

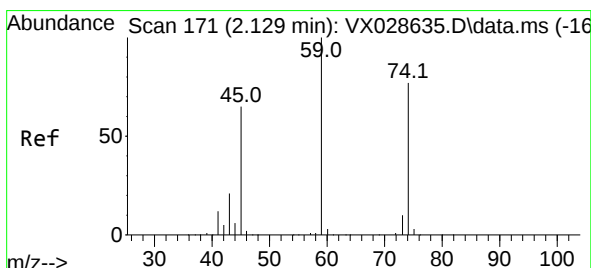
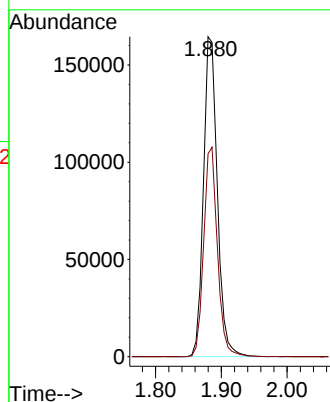
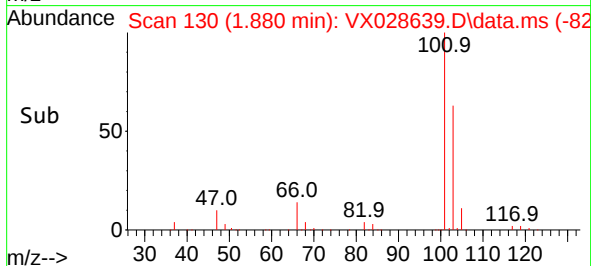
Instrument :
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Tgt Ion:101 Resp: 24183
Ion Ratio Lower Upper
101 100
103 63.4 50.5 75.7

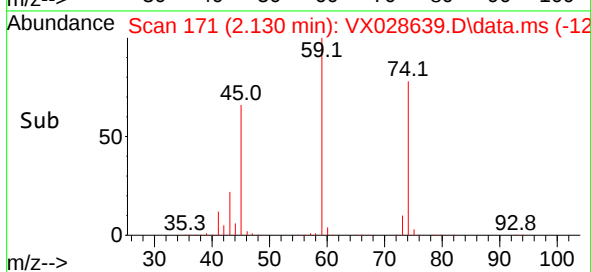
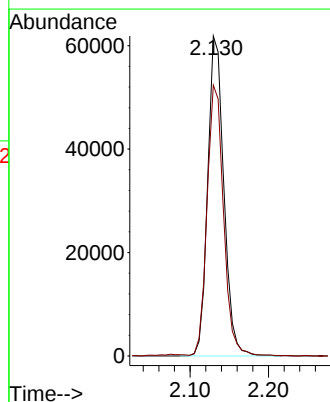
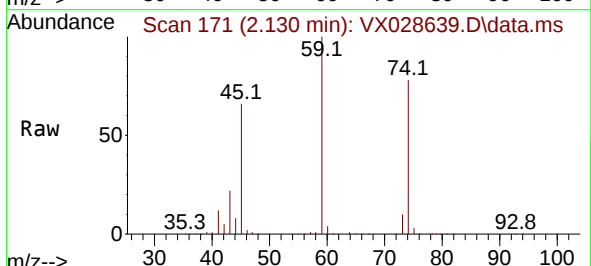
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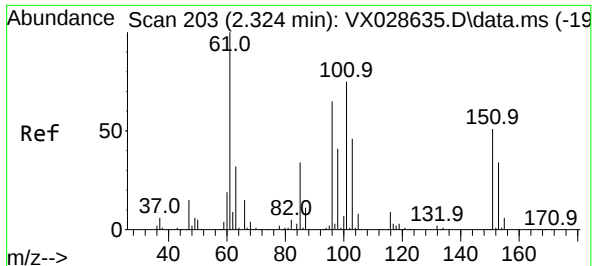
Reviewed By :John Carlone 05/13/2022
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#8
Diethyl Ether
Concen: 51.355 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.001 min
Lab File: VX028639.D
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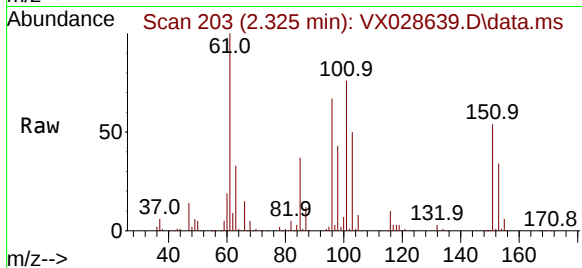
Tgt Ion: 74 Resp: 88150
Ion Ratio Lower Upper
74 100
45 87.0 42.0 126.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.451 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.001 min
Lab File: VX028639.D
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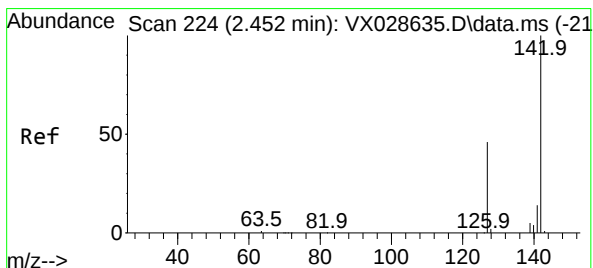
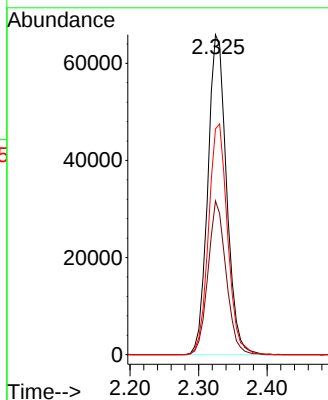
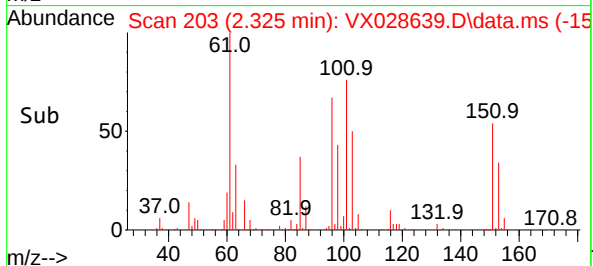
Instrument :
MSVOA_X
ClientSampleId :
ICVVX051222



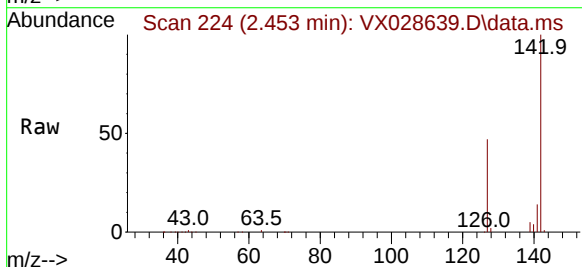
Tgt Ion:101 Resp: 125064
Ion Ratio Lower Upper
101 100
85 46.4 33.5 50.3
151 73.2 61.8 92.6

Manual Integrations
APPROVED

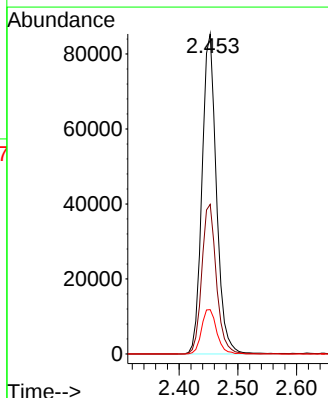
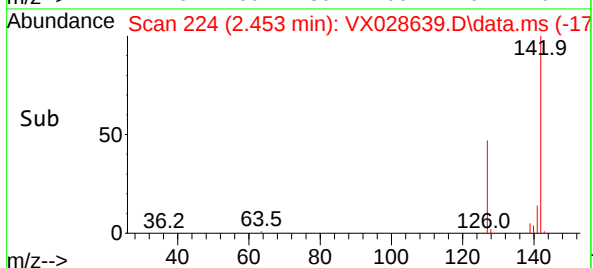
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

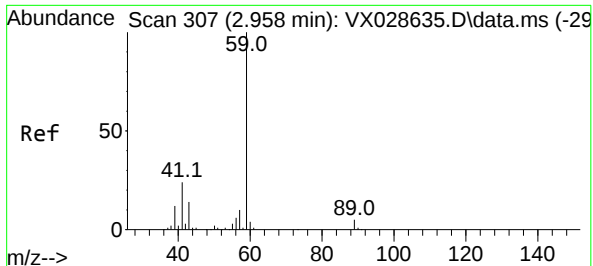


#10
Methyl Iodide
Concen: 49.102 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17



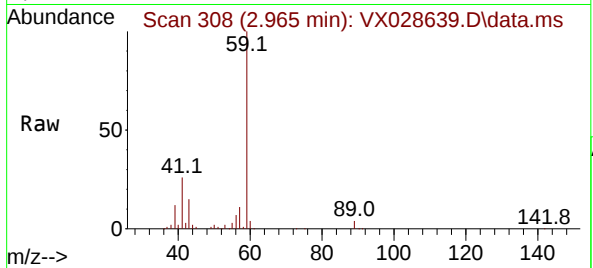
Tgt Ion:142 Resp: 145726
Ion Ratio Lower Upper
142 100
127 47.3 33.9 50.9
141 14.6 11.4 17.2





#11
Tert butyl alcohol
Concen: 262.905 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.007 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

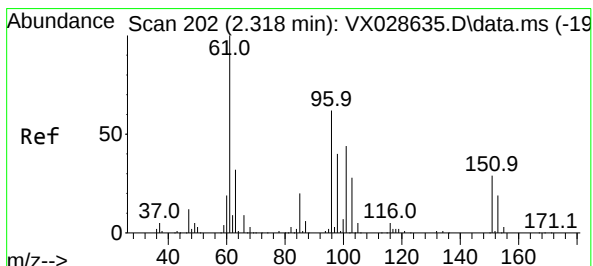
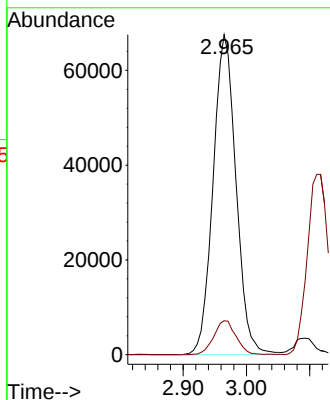
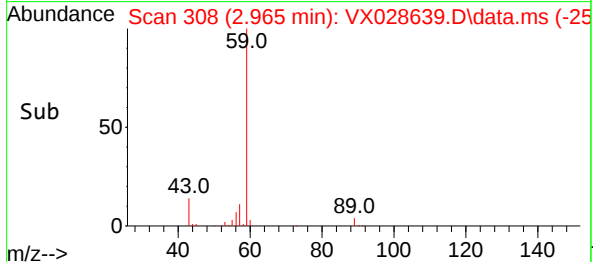
Instrument :
MSVOA_X
ClientSampleId :
ICVVX051222



Tgt Ion: 59 Resp: 169780
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

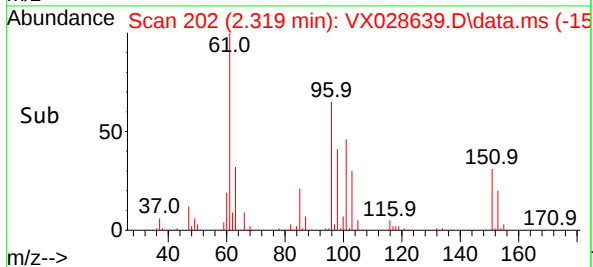
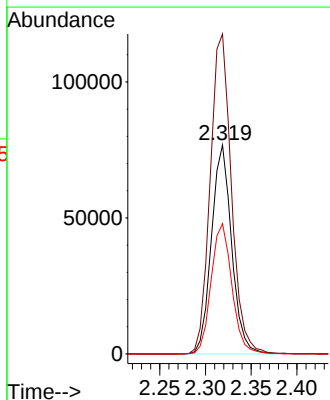
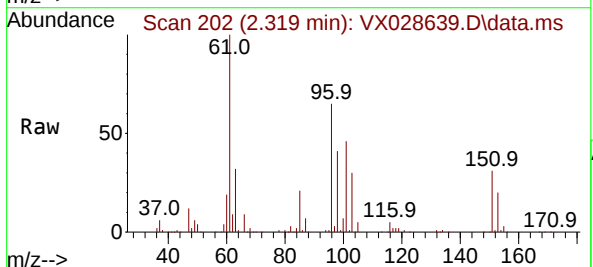
Manual Integrations
APPROVED

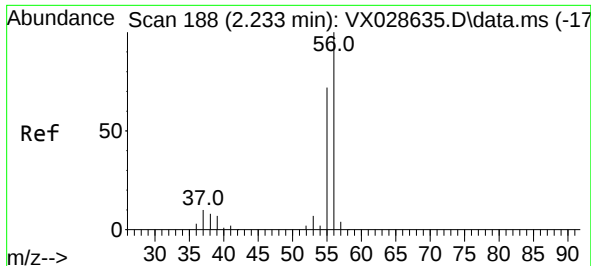
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#12
1,1-Dichloroethene
Concen: 51.362 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

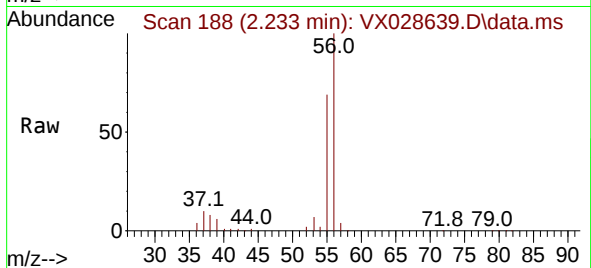
Tgt Ion: 96 Resp: 118189
Ion Ratio Lower Upper
96 100
61 153.2 124.6 187.0
98 62.3 51.0 76.4





#13
Acrolein
Concen: 226.913 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

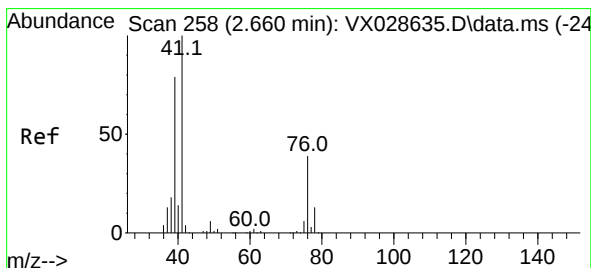
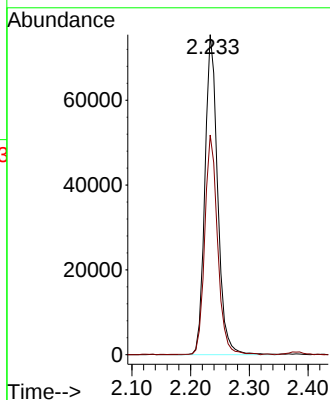
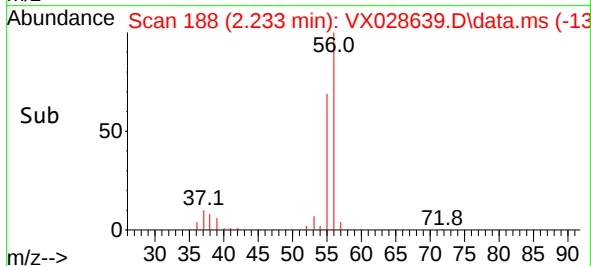
Instrument :
MSVOA_X
ClientSampleId :
ICVVX051222



Tgt Ion: 56 Resp: 113514
Ion Ratio Lower Upper
56 100
55 69.3 55.0 82.6

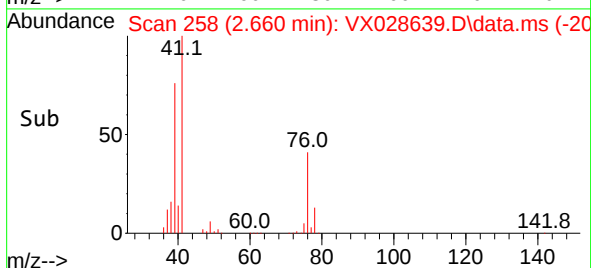
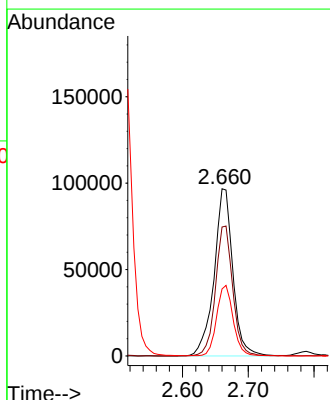
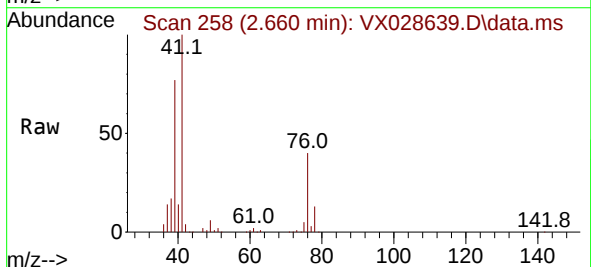
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#14
Allyl chloride
Concen: 52.189 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

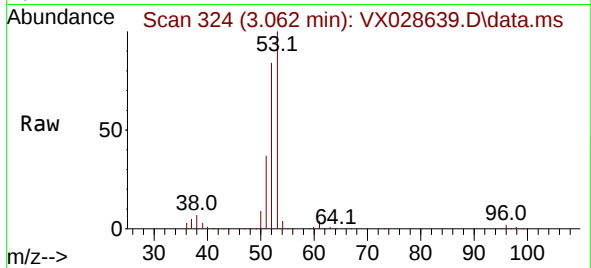
Tgt Ion: 41 Resp: 192614
Ion Ratio Lower Upper
41 100
39 71.4 50.4 75.6
76 37.3 32.7 49.1





#15
Acrylonitrile
Concen: 260.505 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

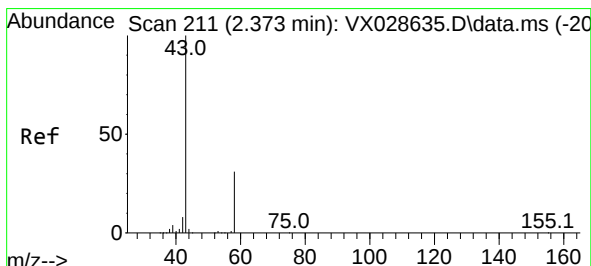
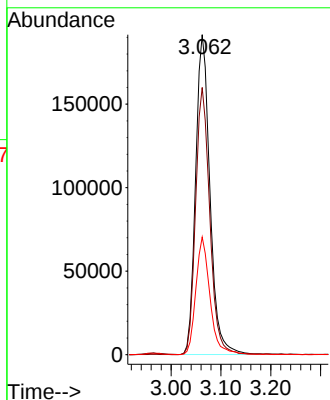
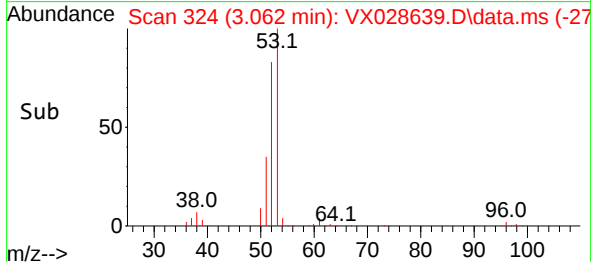
Instrument :
MSVOA_X
ClientSampleId :
ICVVX051222



Tgt Ion: 53 Resp: 382530
Ion Ratio Lower Upper
53 100
52 83.0 65.7 98.5
51 36.3 28.4 42.6

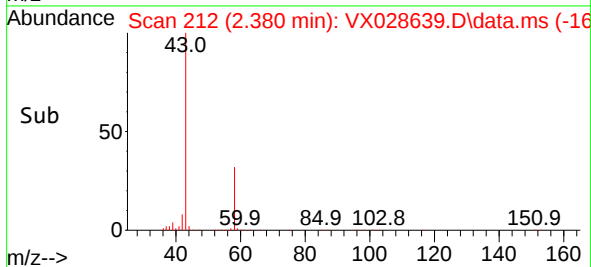
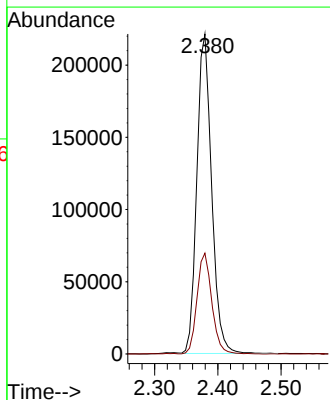
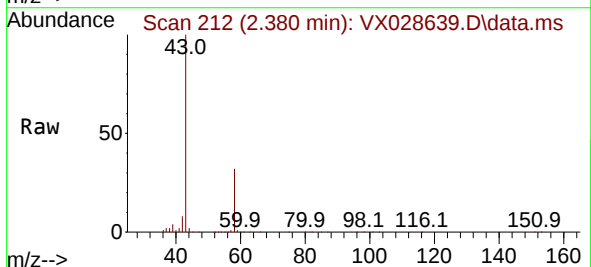
Manual Integrations
APPROVED

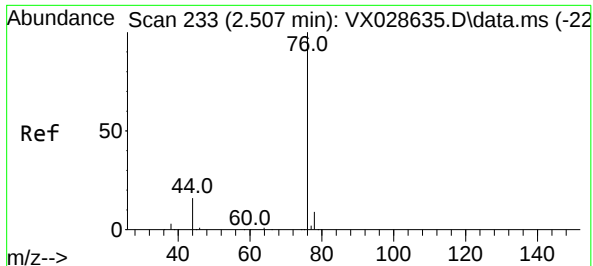
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#16
Acetone
Concen: 275.533 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

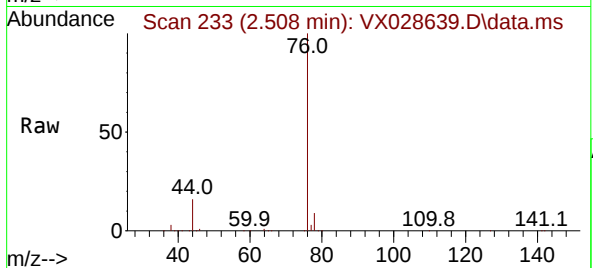
Tgt Ion: 43 Resp: 360404
Ion Ratio Lower Upper
43 100
58 31.5 28.8 43.2





#17
Carbon Disulfide
Concen: 52.243 ug/l
RT: 2.508 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

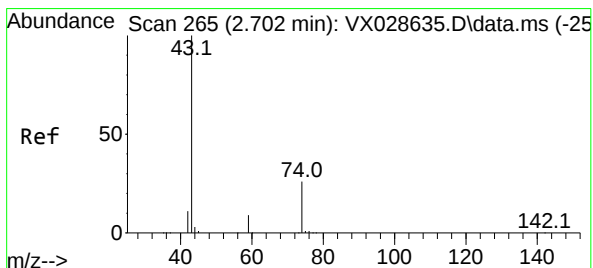
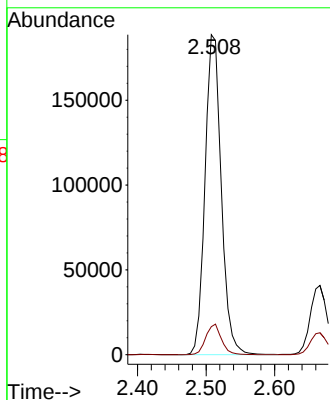
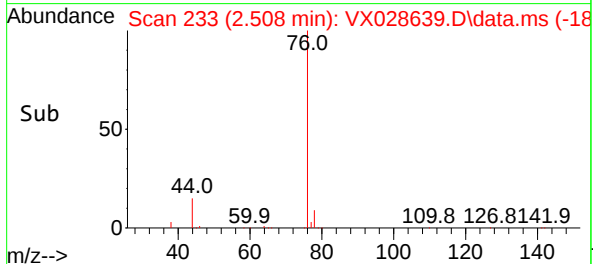
Instrument :
MSVOA_X
ClientSampleId :
ICVVX051222



Tgt Ion: 76 Resp: 31162
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

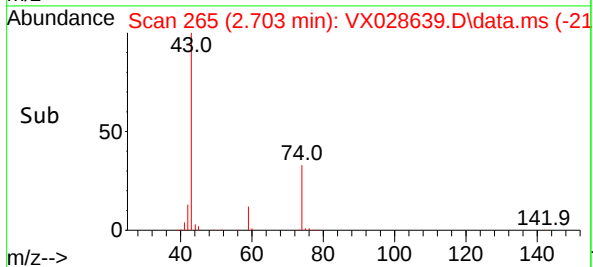
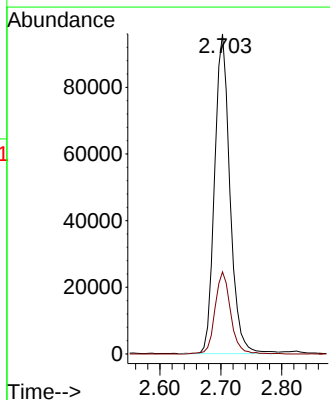
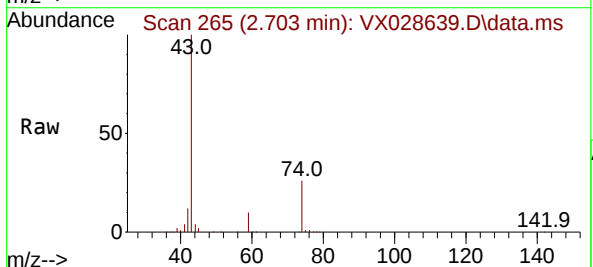
Manual Integrations
APPROVED

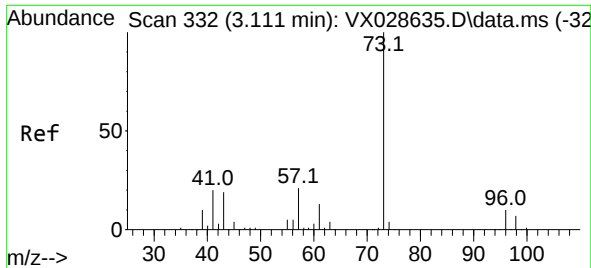
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#18
Methyl Acetate
Concen: 51.376 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.001 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

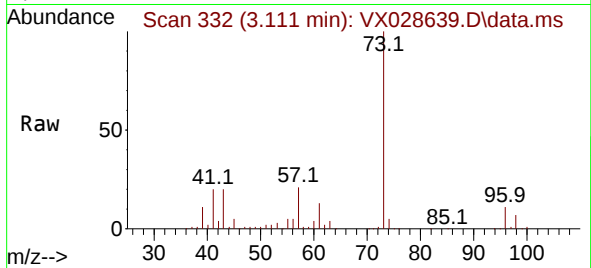
Tgt Ion: 43 Resp: 168313
Ion Ratio Lower Upper
43 100
74 26.0 22.8 34.2





#19
Methyl tert-butyl Ether
Concen: 53.000 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

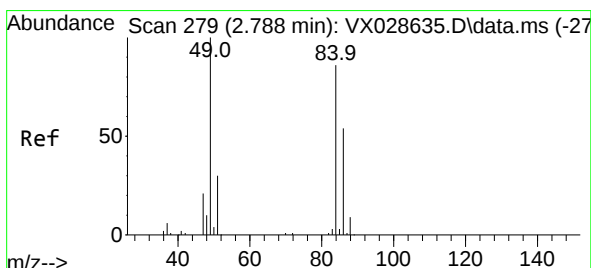
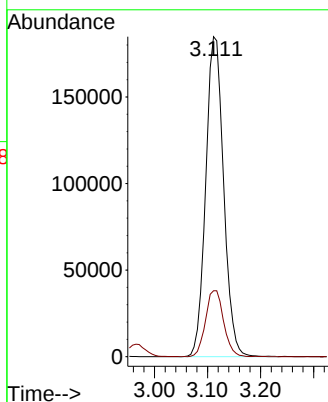
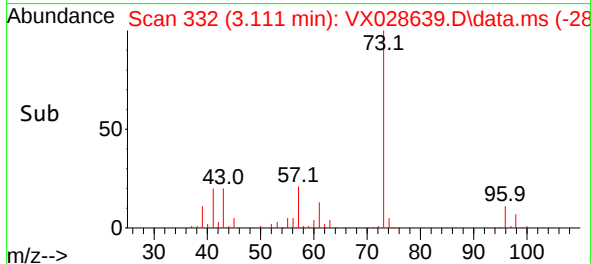
Instrument :
MSVOA_X
ClientSampleId :
ICVVX051222



Tgt Ion: 73 Resp: 432790
Ion Ratio Lower Upper
73 100
57 20.6 16.8 25.2

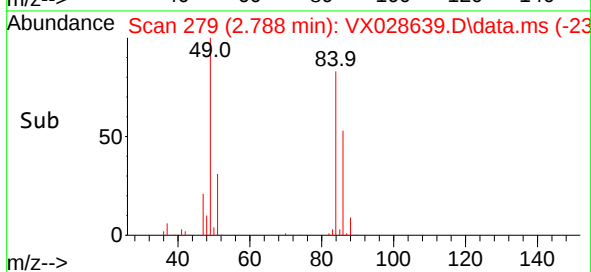
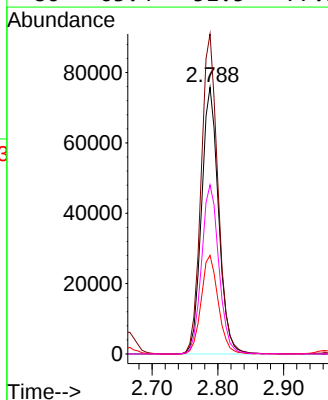
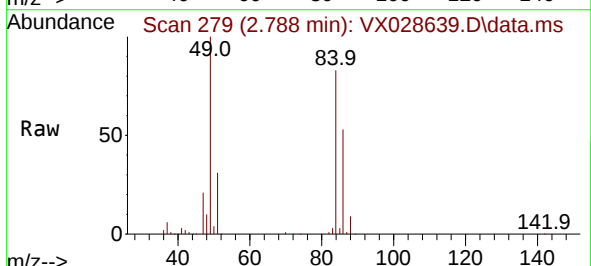
Manual Integrations
APPROVED

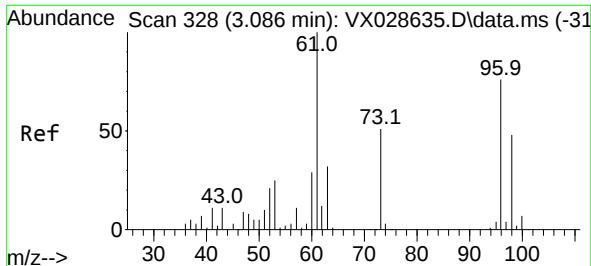
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#20
Methylene Chloride
Concen: 49.729 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

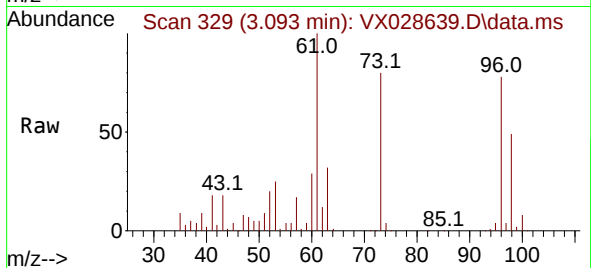
Tgt Ion: 84 Resp: 136466
Ion Ratio Lower Upper
84 100
49 120.0 85.5 128.3
51 37.0 26.6 39.8
86 63.4 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 52.279 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

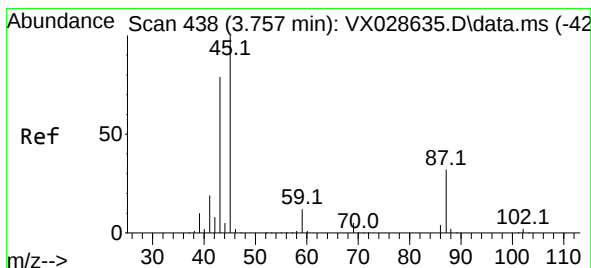
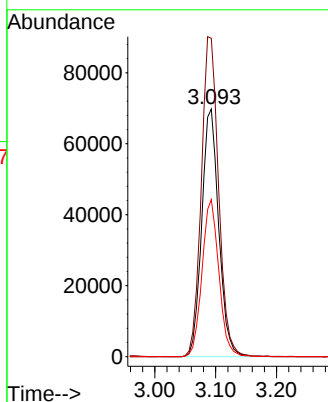
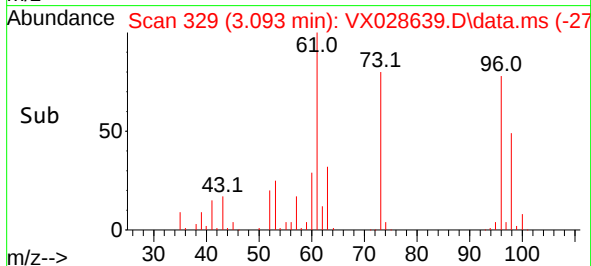
Instrument :
MSVOA_X
ClientSampleId :
ICVVX051222



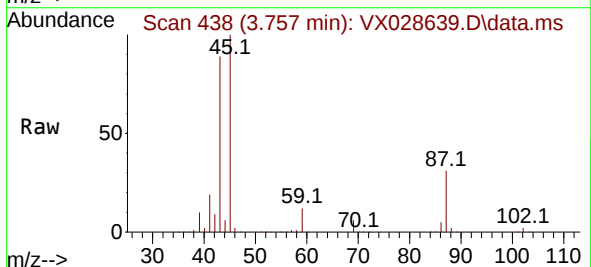
Tgt Ion: 96 Resp: 13550
Ion Ratio Lower Upper
96 100
61 128.5 105.4 158.2
98 63.4 50.0 75.0

Manual Integrations
APPROVED

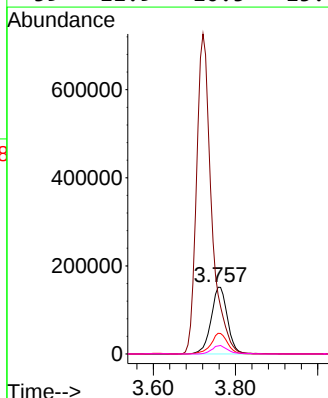
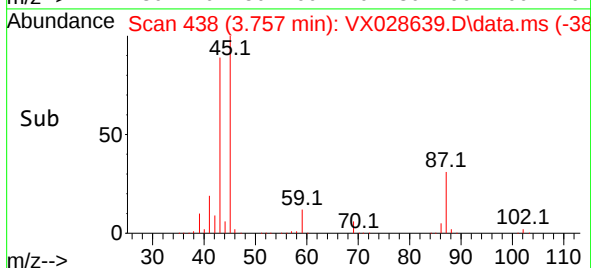
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

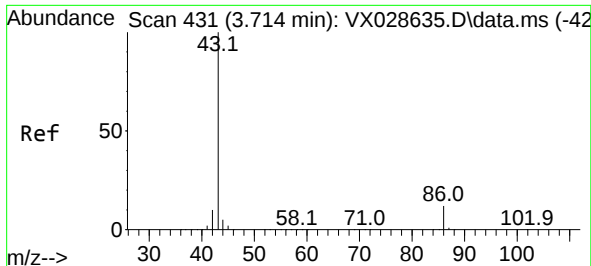


#22
Diisopropyl ether
Concen: 52.953 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17



Tgt Ion: 45 Resp: 417633
Ion Ratio Lower Upper
45 100
43 89.4 50.8 76.2#
87 31.0 26.6 39.8
59 11.9 10.5 15.7





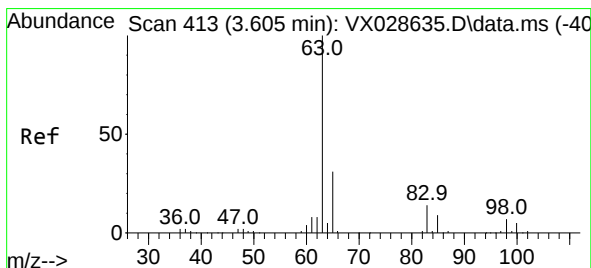
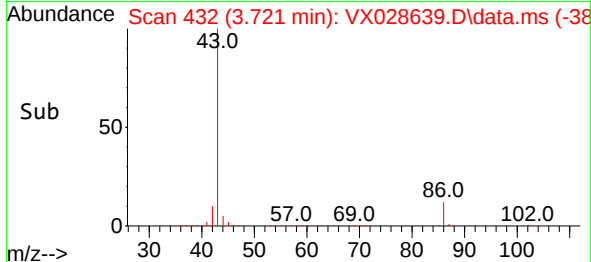
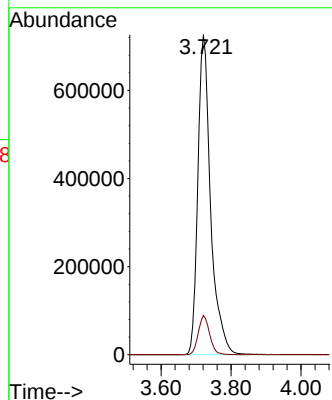
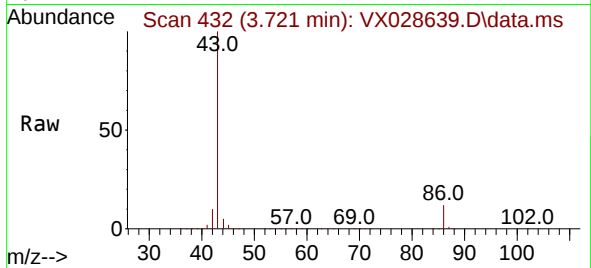
#23
 Vinyl Acetate
 Concen: 270.832 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VX028639.D
 Acq: 12 May 2022 15:17

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051222

Tgt Ion: 43 Resp: 184142
 Ion Ratio Lower Upper
 43 100
 86 12.2 10.8 16.2

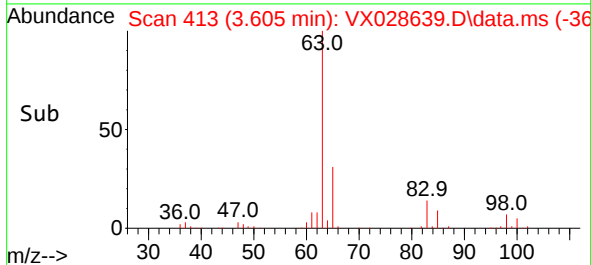
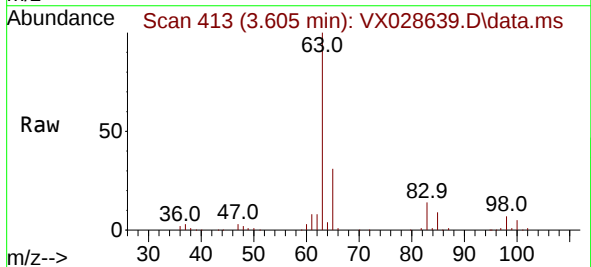
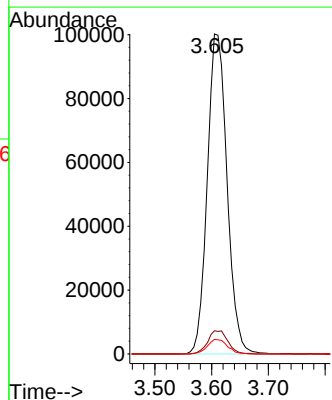
Manual Integrations
 APPROVED

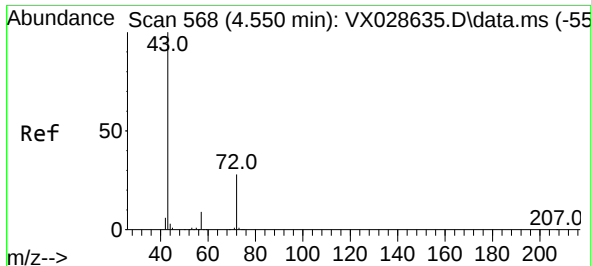
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022



#24
 1,1-Dichloroethane
 Concen: 52.931 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX028639.D
 Acq: 12 May 2022 15:17

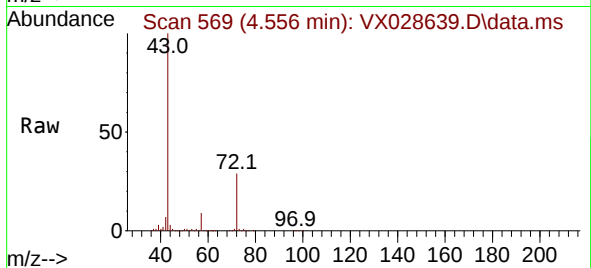
Tgt Ion: 63 Resp: 242693
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 4.6 2.4 7.2





#25
2-Butanone
Concen: 268.522 ug/l
RT: 4.556 min Scan# 501
Delta R.T. 0.006 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

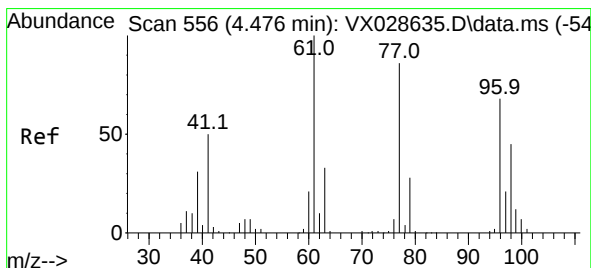
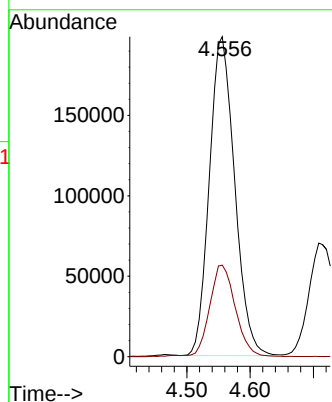
Instrument :
MSVOA_X
ClientSampleId :
ICVVX051222



Tgt Ion: 43 Resp: 55132
Ion Ratio Lower Upper
43 100
72 28.5 24.4 36.6

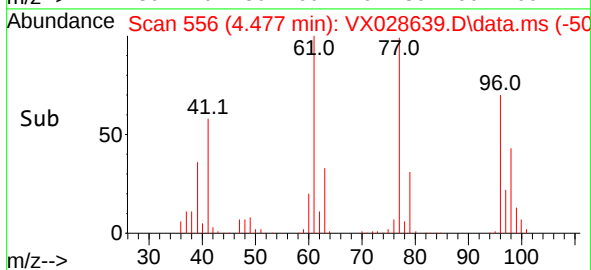
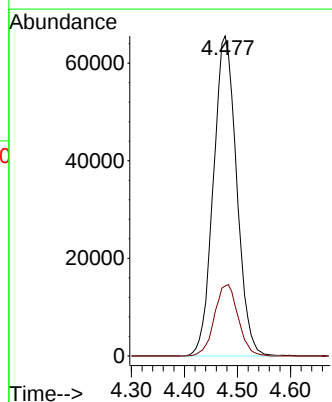
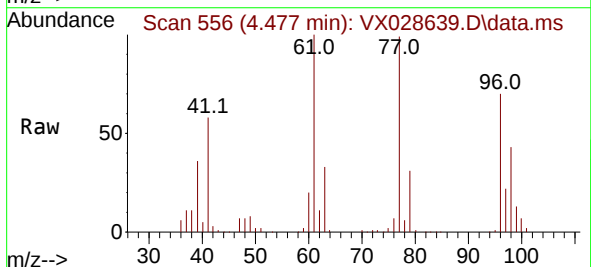
Manual Integrations
APPROVED

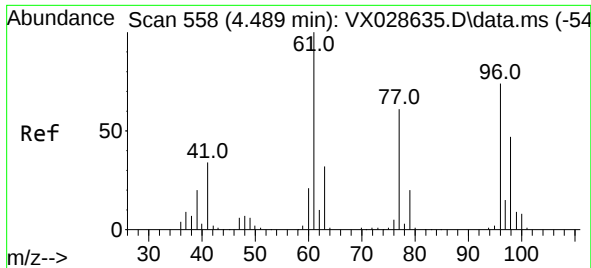
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#26
2,2-Dichloropropane
Concen: 55.570 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.001 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

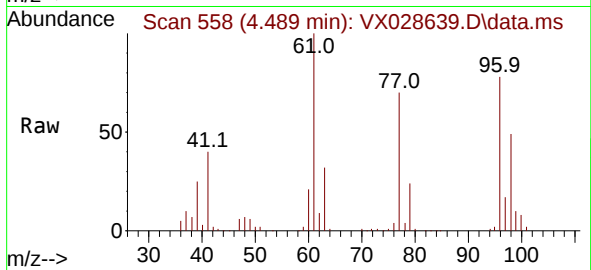
Tgt Ion: 77 Resp: 199776
Ion Ratio Lower Upper
77 100
97 22.7 11.8 35.4





#27
 cis-1,2-Dichloroethene
 Concen: 52.317 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX028639.D
 Acq: 12 May 2022 15:17

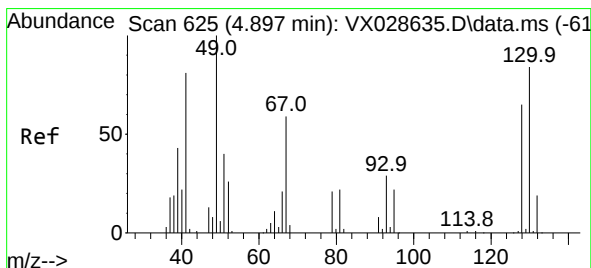
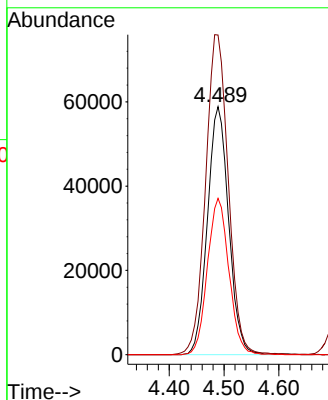
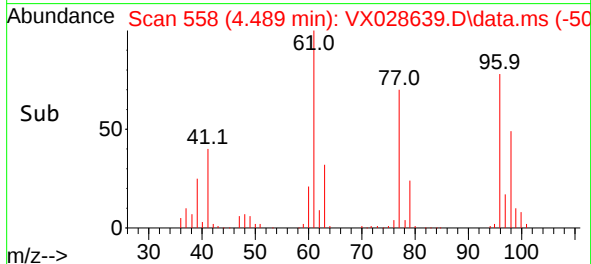
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051222



Tgt Ion: 96 Resp: 158370
 Ion Ratio Lower Upper
 96 100
 61 138.0 0.0 283.8
 98 63.7 0.0 129.8

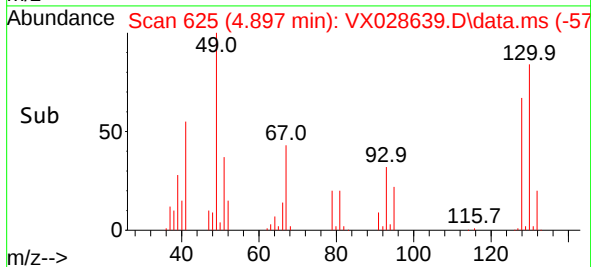
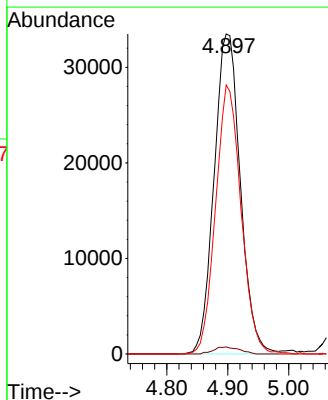
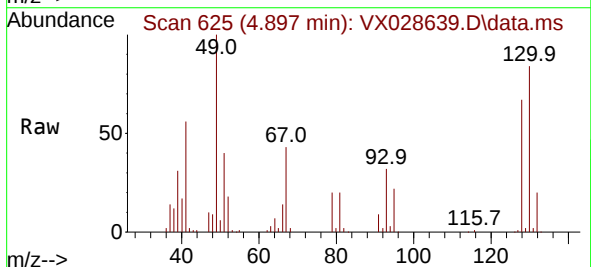
Manual Integrations
 APPROVED

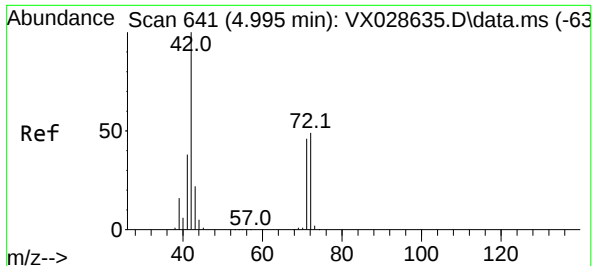
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022



#28
 Bromochloromethane
 Concen: 51.969 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX028639.D
 Acq: 12 May 2022 15:17

Tgt Ion: 49 Resp: 100298
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.4
 130 81.5 70.7 106.1





#29

Tetrahydrofuran

Concen: 262.302 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX028639.D

Acq: 12 May 2022 15:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051222

Tgt Ion: 42 Resp: 35006

Ion Ratio Lower Upper

42 100

72 49.3 44.1 66.1

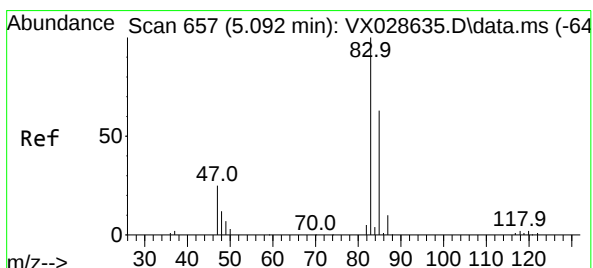
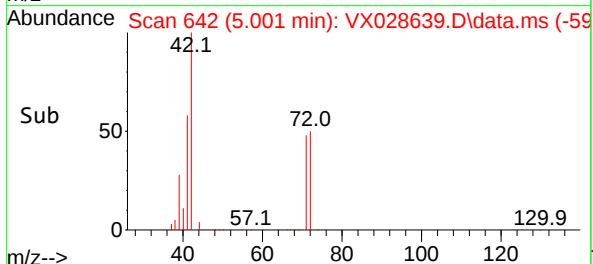
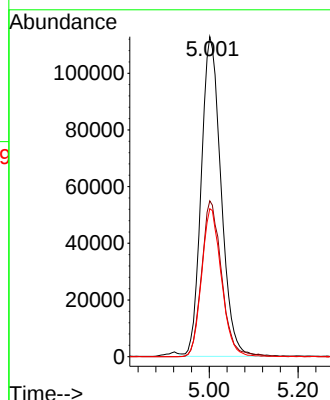
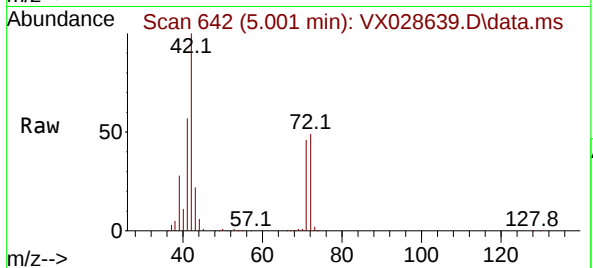
71 46.2 40.5 60.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#30

Chloroform

Concen: 51.909 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX028639.D

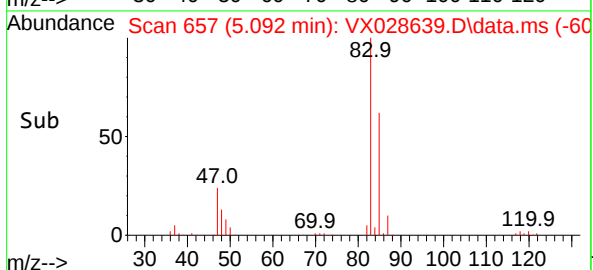
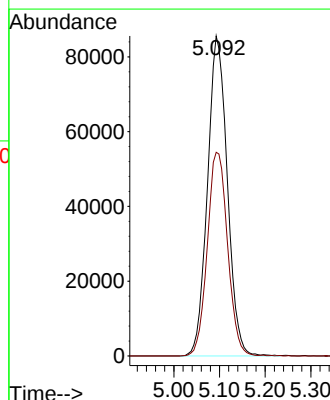
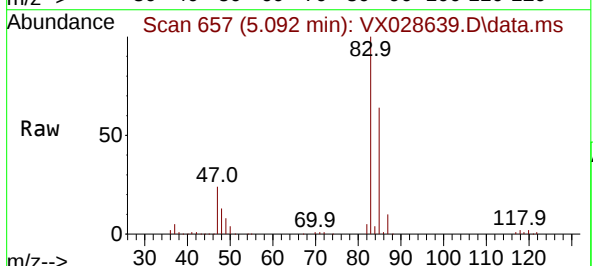
Acq: 12 May 2022 15:17

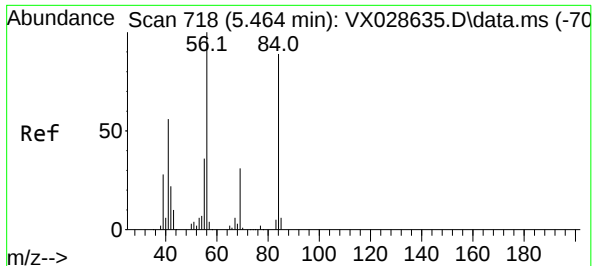
Tgt Ion: 83 Resp: 257585

Ion Ratio Lower Upper

83 100

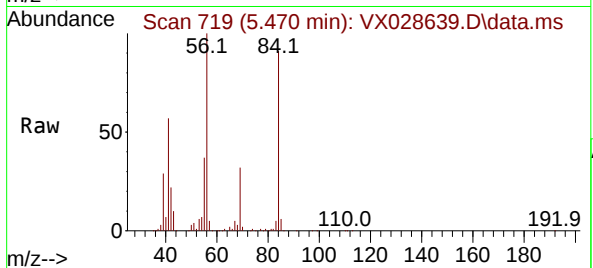
85 63.7 52.7 79.1





#31
Cyclohexane
Concen: 51.999 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

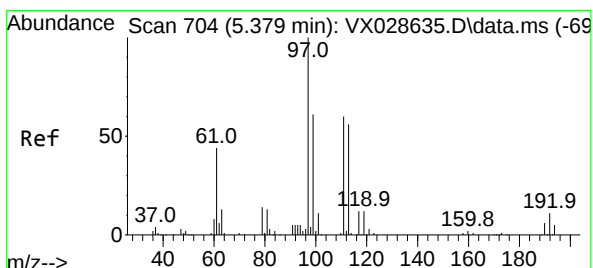
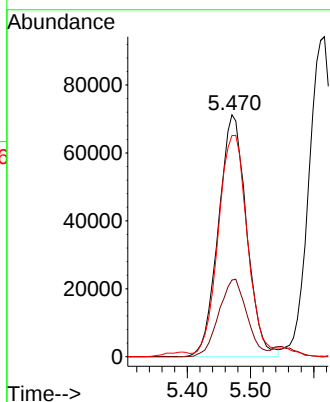
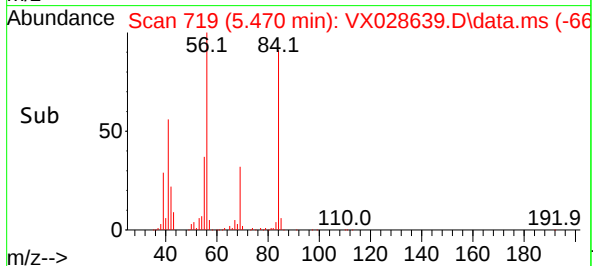
Instrument :
MSVOA_X
ClientSampleId :
ICVVX051222



Tgt Ion: 56 Resp: 21997
Ion Ratio Lower Upper
56 100
69 31.7 26.7 40.1
84 89.7 77.2 115.8

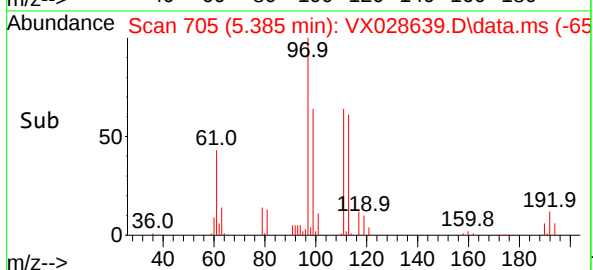
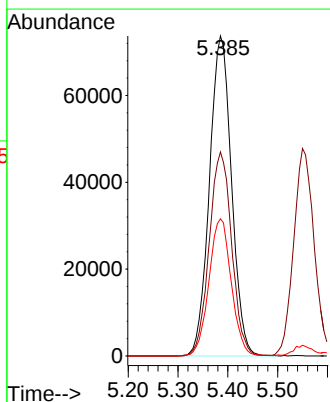
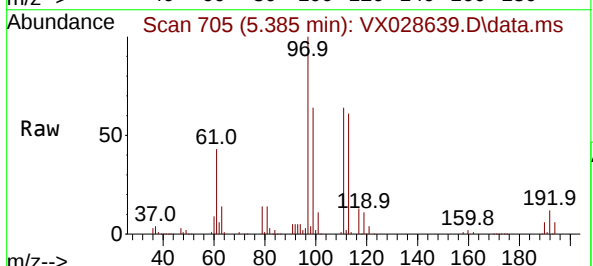
Manual Integrations
APPROVED

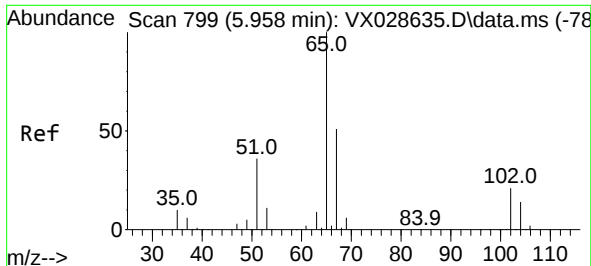
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#32
1,1,1-Trichloroethane
Concen: 52.290 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

Tgt Ion: 97 Resp: 226523
Ion Ratio Lower Upper
97 100
99 64.9 51.8 77.6
61 43.4 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 52.477 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028639.D

Acq: 12 May 2022 15:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051222

Tgt Ion: 65 Resp: 15993

Ion Ratio Lower Upper

65 100

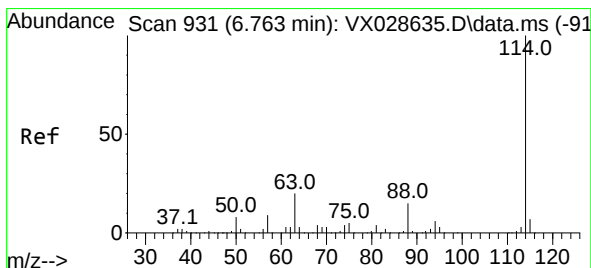
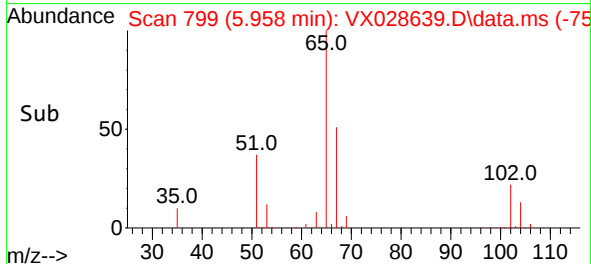
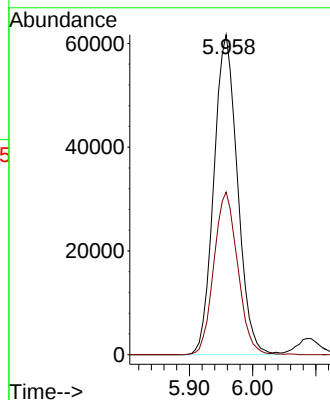
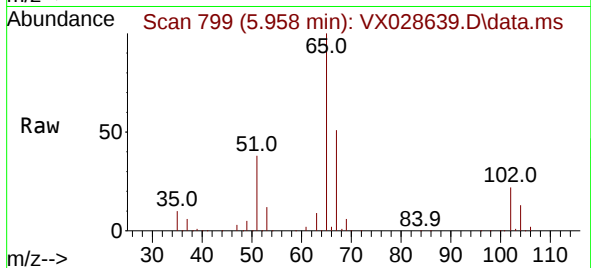
67 51.2 0.0 107.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028639.D

Acq: 12 May 2022 15:17

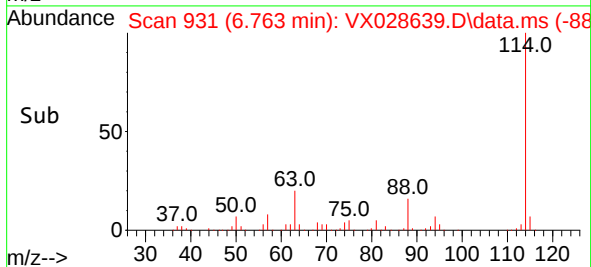
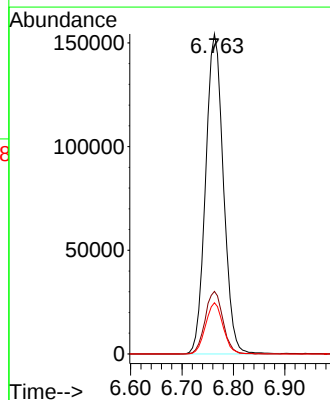
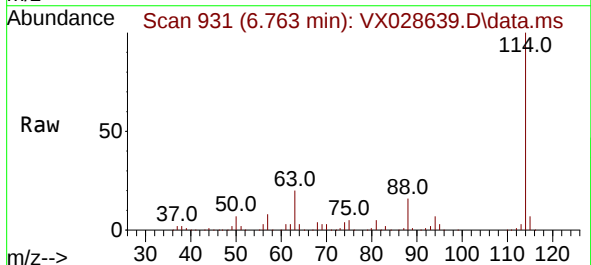
Tgt Ion:114 Resp: 370911

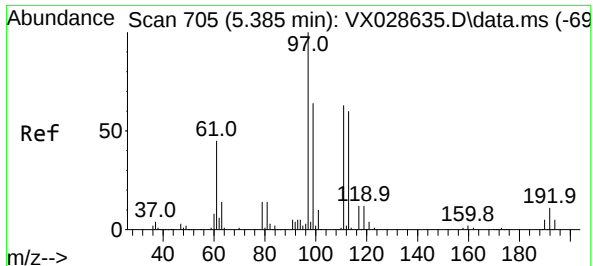
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.8

88 16.0 0.0 32.4





#35

Dibromofluoromethane

Concen: 53.470 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX028639.D

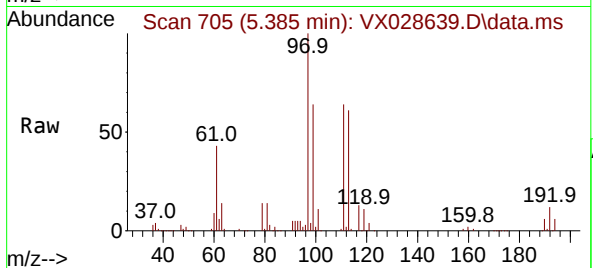
Acq: 12 May 2022 15:17

Instrument :

MSVOA_X

ClientSampleId :

ICVX051222



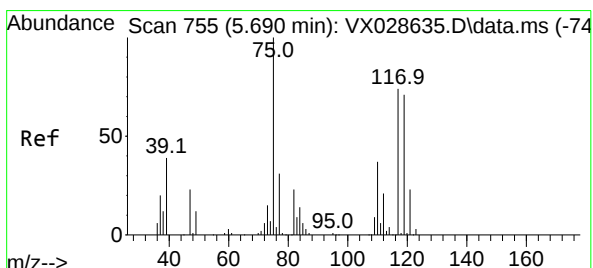
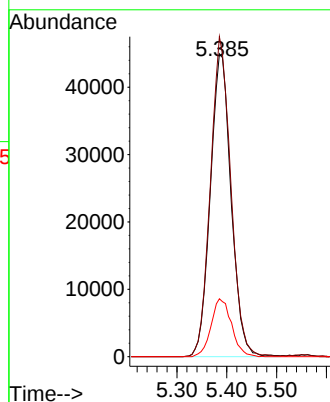
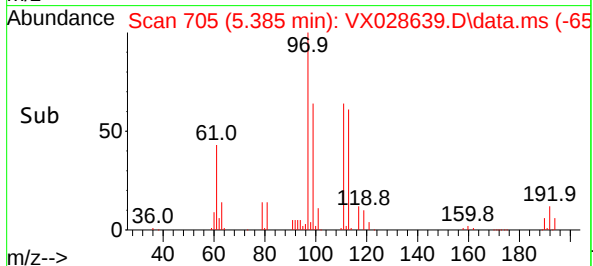
Tgt Ion:	113	Resp:	12994
Ion Ratio	Lower	Upper	
113	100		
111	103.8	82.8	124.2
192	18.9	16.9	25.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#36

1,1-Dichloropropene

Concen: 52.502 ug/l

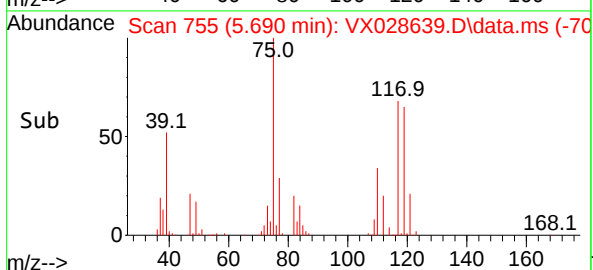
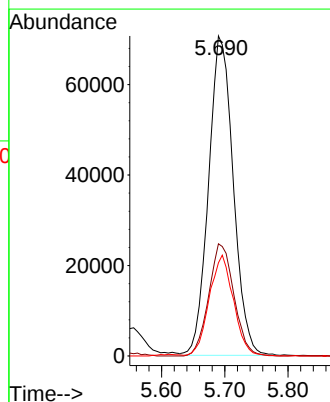
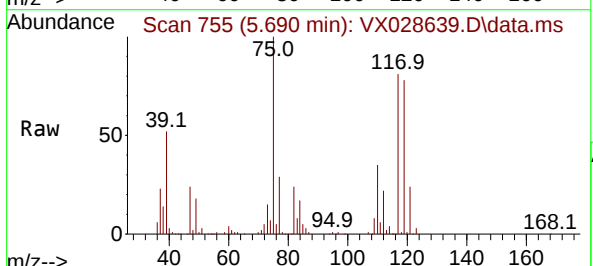
RT: 5.690 min Scan# 755

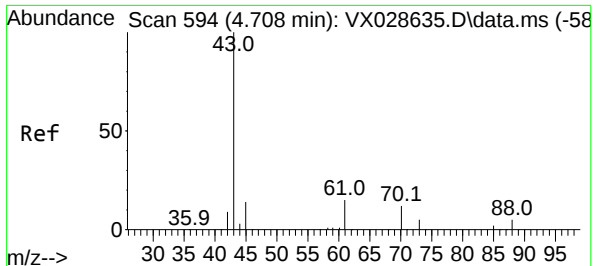
Delta R.T. -0.000 min

Lab File: VX028639.D

Acq: 12 May 2022 15:17

Tgt Ion:	75	Resp:	191636
Ion Ratio	Lower	Upper	
75	100		
110	35.8	18.3	54.8
77	31.1	24.8	37.2





#37

Ethyl Acetate

Concen: 55.085 ug/l

RT: 4.708 min Scan# 594

Delta R.T. 0.000 min

Lab File: VX028639.D

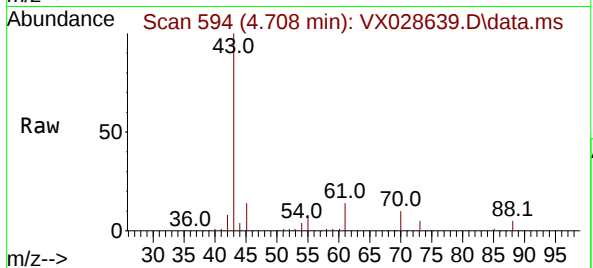
Acq: 12 May 2022 15:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051222



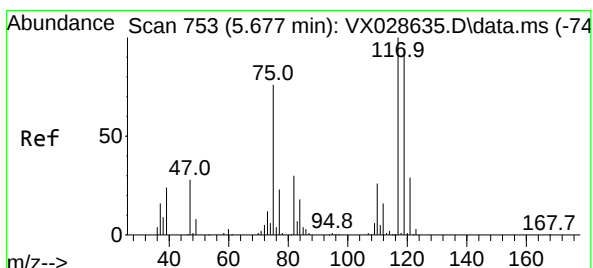
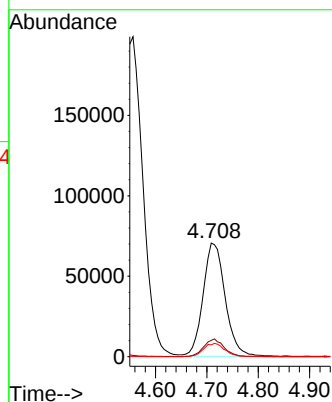
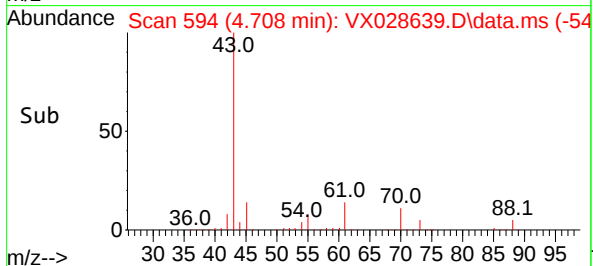
Tgt Ion:	43	Resp:	210000
Ion	Ratio	Lower	Upper
43	100		
61	14.6	12.6	19.0
70	11.4	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#38

Carbon Tetrachloride

Concen: 54.374 ug/l

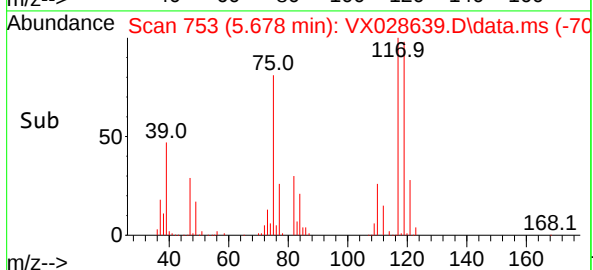
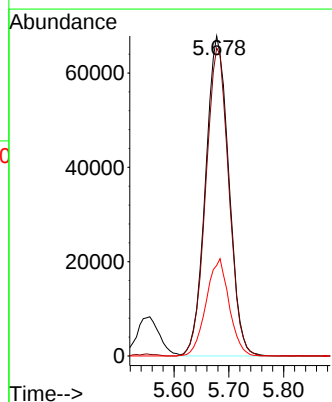
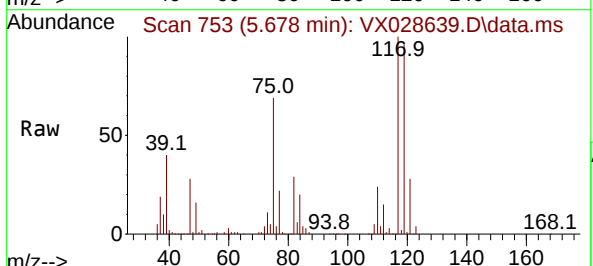
RT: 5.678 min Scan# 753

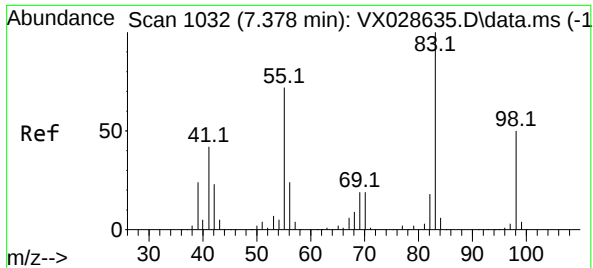
Delta R.T. 0.001 min

Lab File: VX028639.D

Acq: 12 May 2022 15:17

Tgt Ion:	117	Resp:	199732
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.3	115.9
121	28.3	24.2	36.2





#39

Methylcyclohexane

Concen: 54.338 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.007 min

Lab File: VX028639.D

Acq: 12 May 2022 15:17

Instrument :

MSVOA_X

ClientSampleId :

ICVX051222

Tgt Ion: 83 Resp: 22745

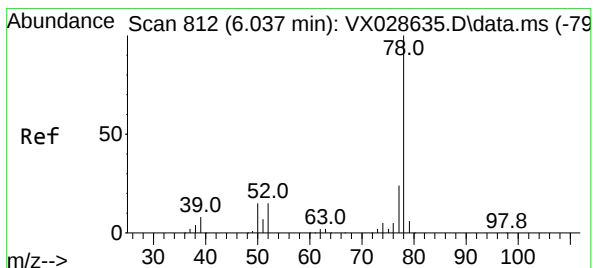
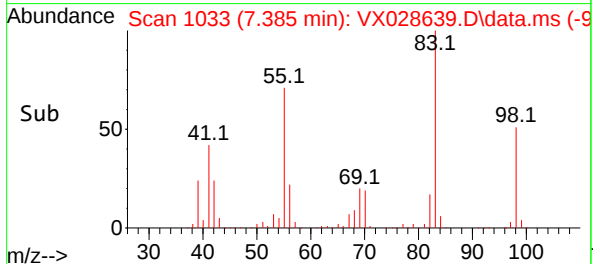
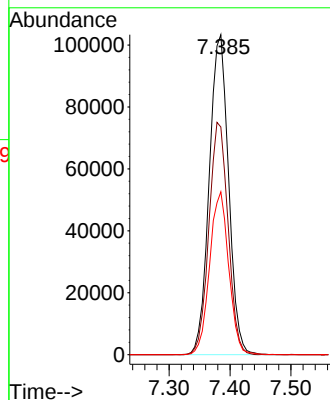
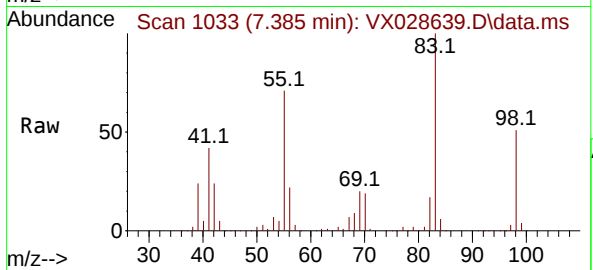
Ion	Ratio	Lower	Upper
83	100		
55	71.2	54.6	81.8
98	50.9	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#40

Benzene

Concen: 52.820 ug/l

RT: 6.037 min Scan# 812

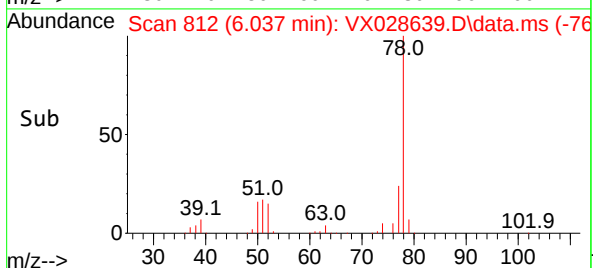
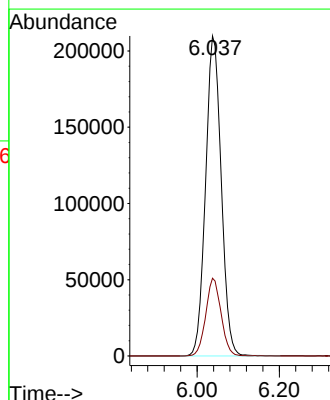
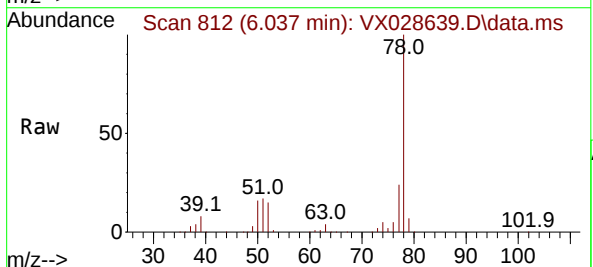
Delta R.T. 0.000 min

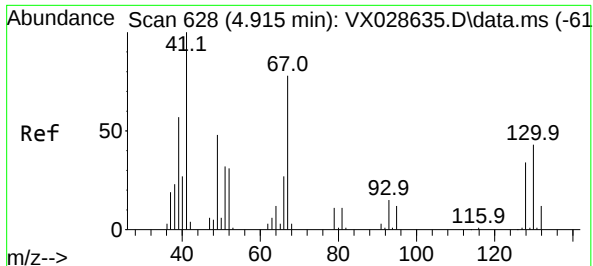
Lab File: VX028639.D

Acq: 12 May 2022 15:17

Tgt Ion: 78 Resp: 554092

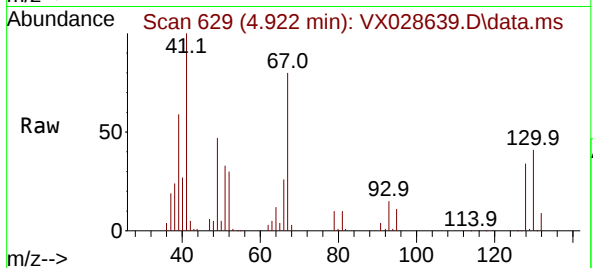
Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.3	28.9





#41
Methacrylonitrile
Concen: 53.606 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

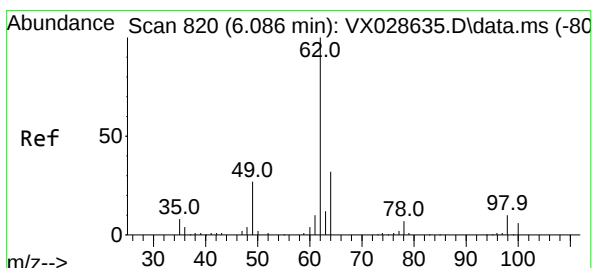
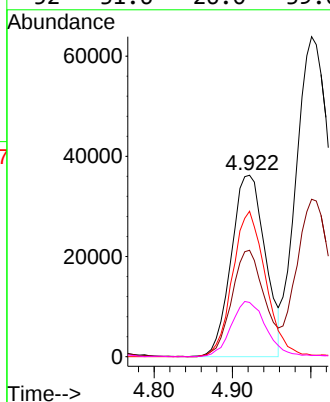
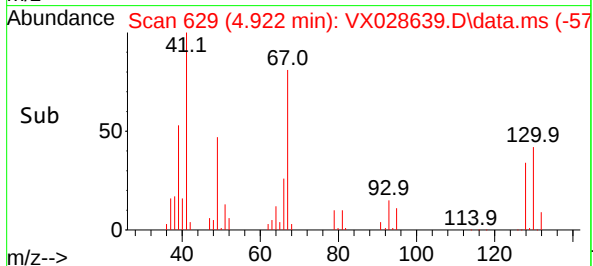
Instrument :
MSVOA_X
ClientSampleId :
ICVVX051222



Tgt Ion: 41 Resp: 109578
Ion Ratio Lower Upper
41 100
39 56.5 43.0 64.4
67 78.1 70.2 105.4
52 31.6 26.0 39.0

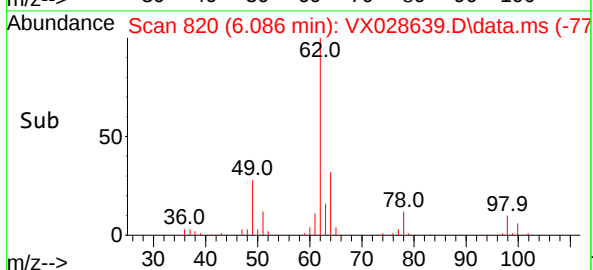
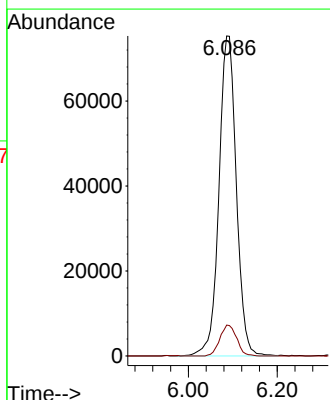
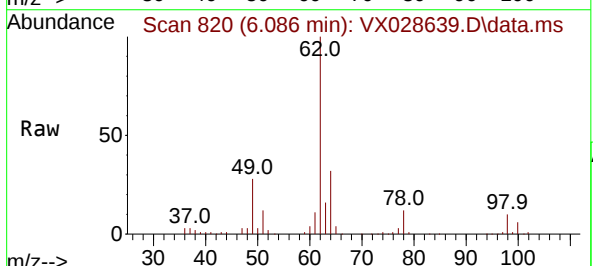
Manual Integrations
APPROVED

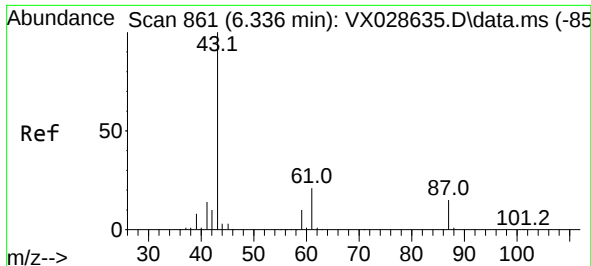
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#42
1,2-Dichloroethane
Concen: 52.676 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

Tgt Ion: 62 Resp: 203822
Ion Ratio Lower Upper
62 100
98 9.4 0.0 20.4





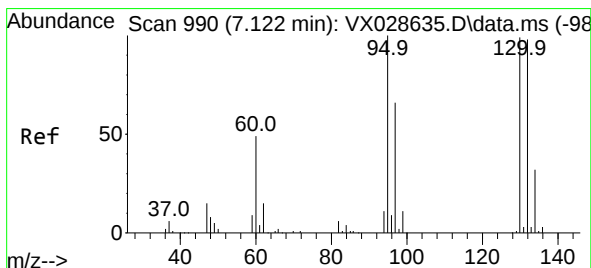
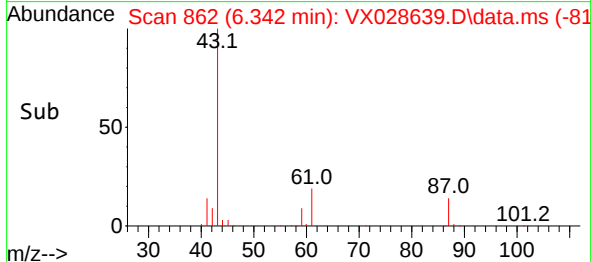
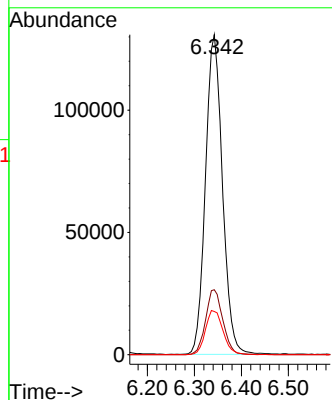
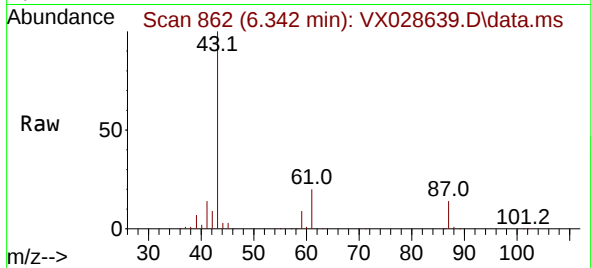
#43
Isopropyl Acetate
Concen: 55.105 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

Instrument :
MSVOA_X
ClientSampleId :
ICVX051222

Tgt Ion: 43 Resp: 32866
Ion Ratio Lower Upper
43 100
61 20.5 18.5 27.7
87 14.3 13.0 19.6

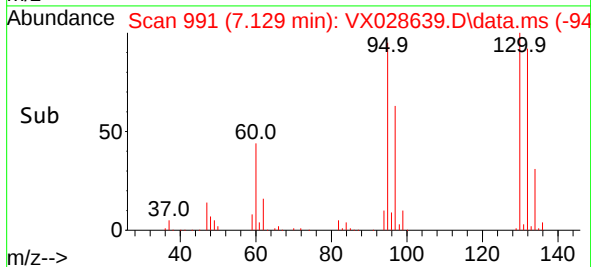
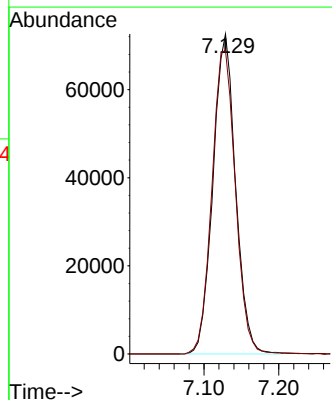
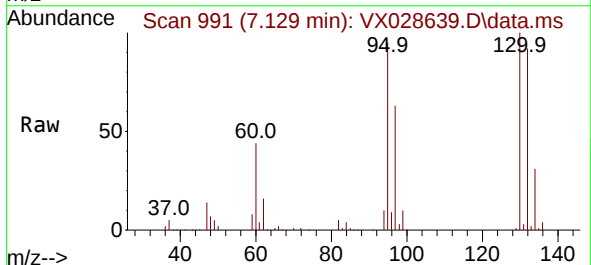
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#44
Trichloroethene
Concen: 53.659 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

Tgt Ion:130 Resp: 152661
Ion Ratio Lower Upper
130 100
95 95.0 0.0 188.8





#45

1,2-Dichloropropane

Concen: 53.208 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.007 min

Lab File: VX028639.D

Acq: 12 May 2022 15:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051222

Tgt Ion: 63 Resp: 13926

Ion Ratio Lower Upper

63 100

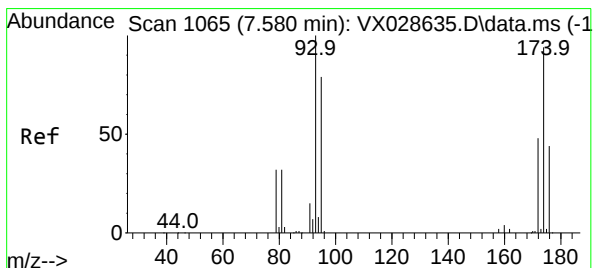
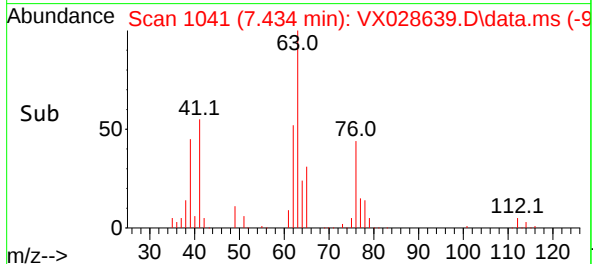
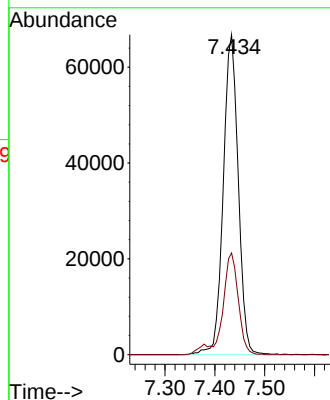
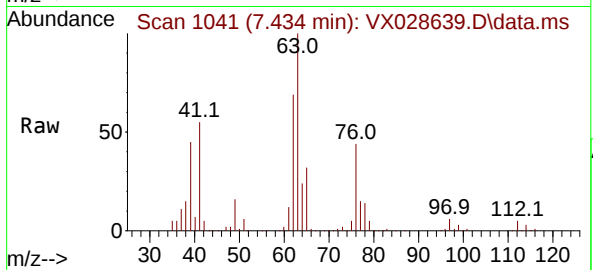
65 31.8 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#46

Dibromomethane

Concen: 52.721 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX028639.D

Acq: 12 May 2022 15:17

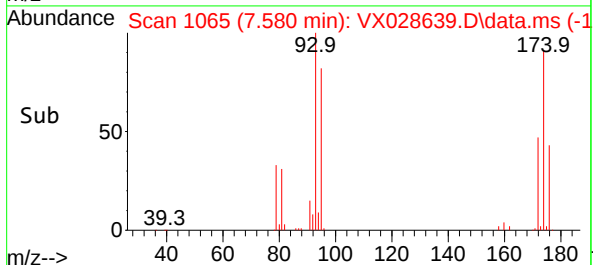
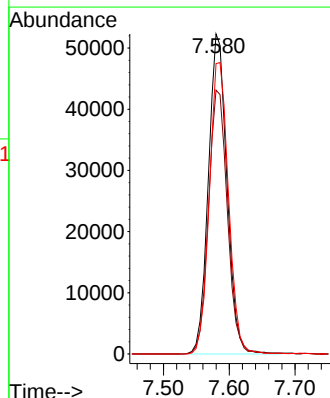
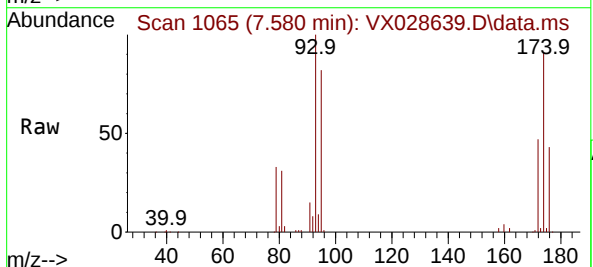
Tgt Ion: 93 Resp: 103047

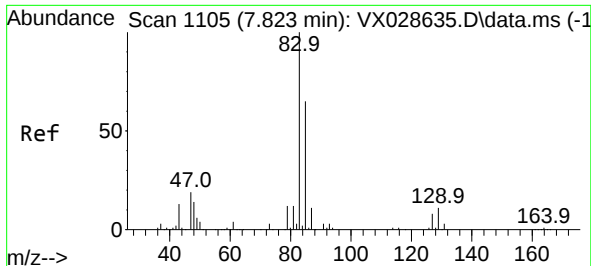
Ion Ratio Lower Upper

93 100

95 83.8 65.8 98.6

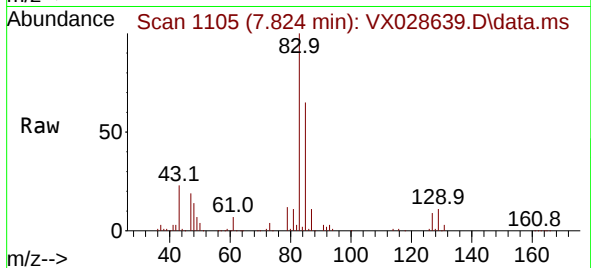
174 93.7 85.4 128.2





#47
Bromodichloromethane
Concen: 54.593 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

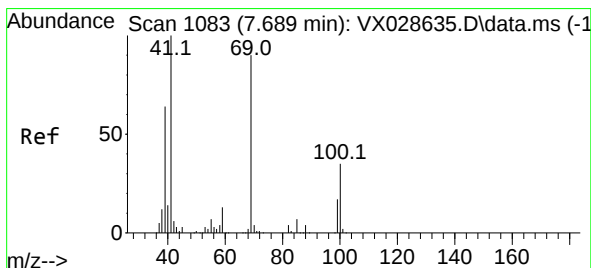
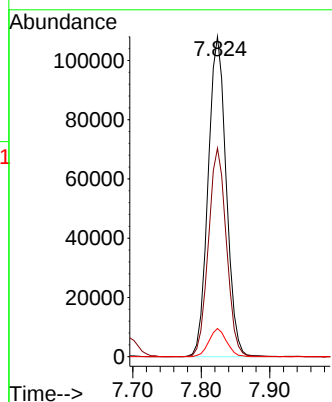
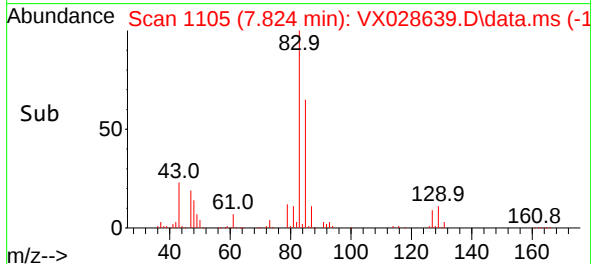
Instrument : MSVOA_X
ClientSampleId : ICVVX051222



Tgt Ion: 83 Resp: 198109
Ion Ratio Lower Upper
83 100
85 65.1 52.2 78.2
127 8.8 6.8 10.2

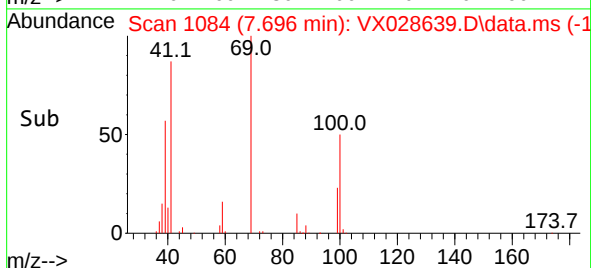
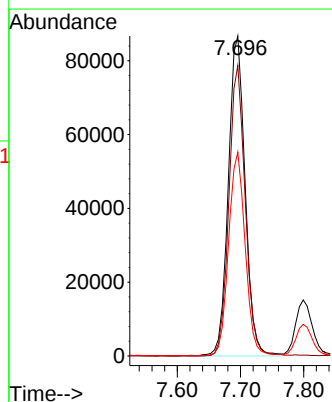
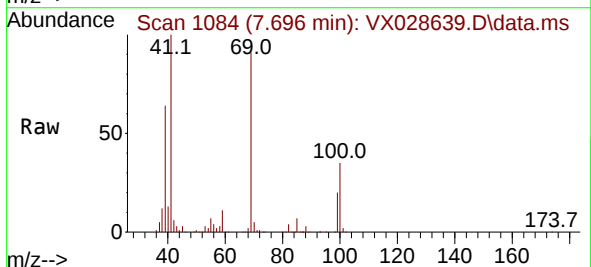
Manual Integrations
APPROVED

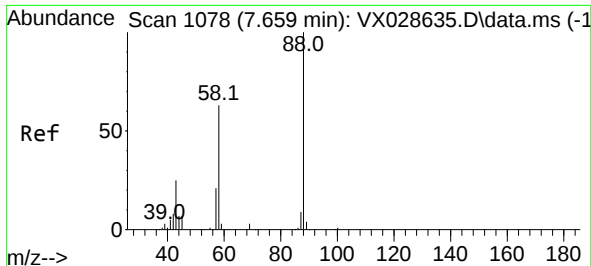
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#48
Methyl methacrylate
Concen: 55.600 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.007 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

Tgt Ion: 41 Resp: 160193
Ion Ratio Lower Upper
41 100
69 88.2 82.5 123.7
39 63.1 43.8 65.8





#49

1,4-Dioxane

Concen: 1074.094 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX028639.D

Acq: 12 May 2022 15:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051222

Tgt Ion: 88 Resp: 7731

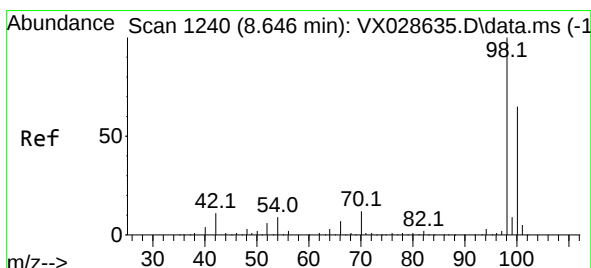
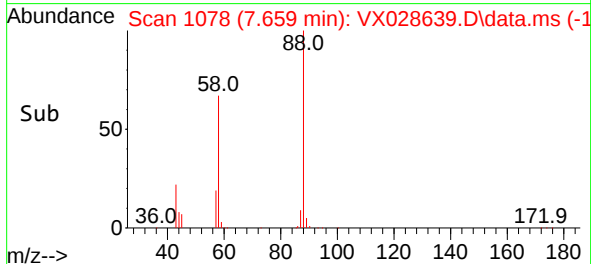
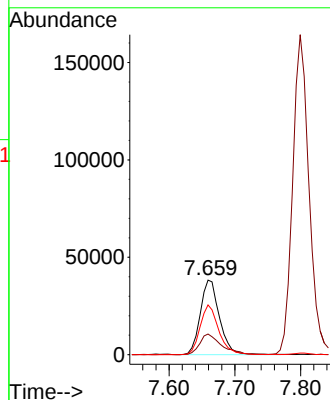
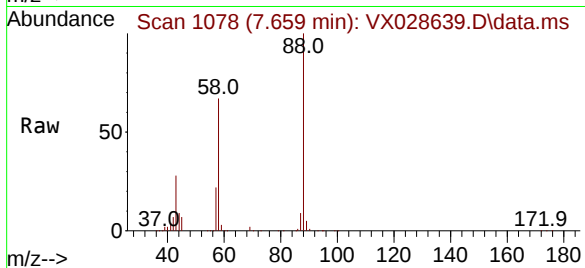
Ion	Ratio	Lower	Upper
88	100		
43	31.1	21.9	32.9
58	65.0	53.7	80.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#50

Toluene-d8

Concen: 53.893 ug/l

RT: 8.653 min Scan# 1241

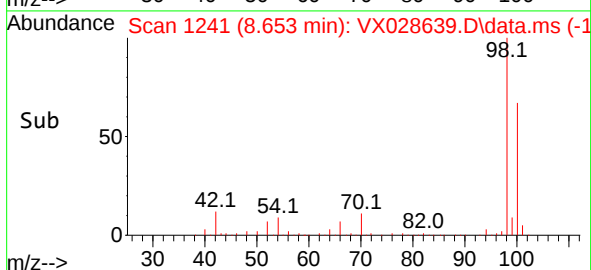
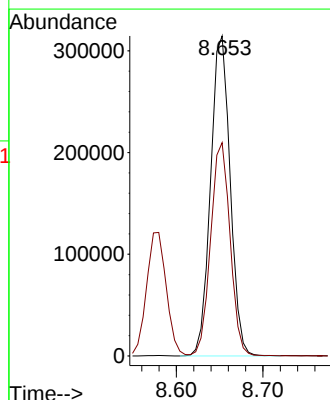
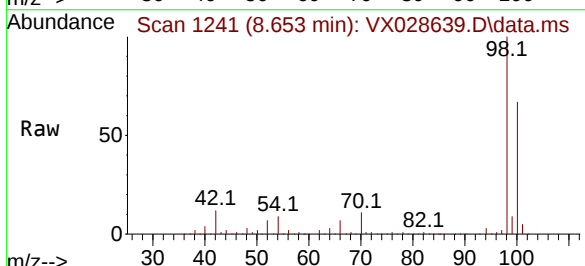
Delta R.T. 0.007 min

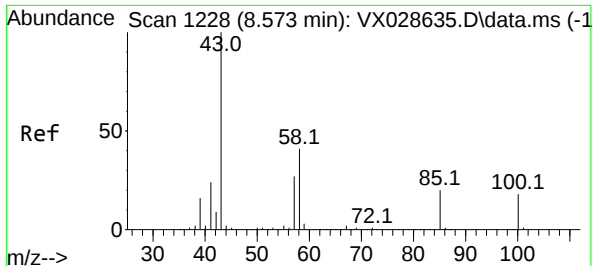
Lab File: VX028639.D

Acq: 12 May 2022 15:17

Tgt Ion: 98 Resp: 493778

Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.6	78.8





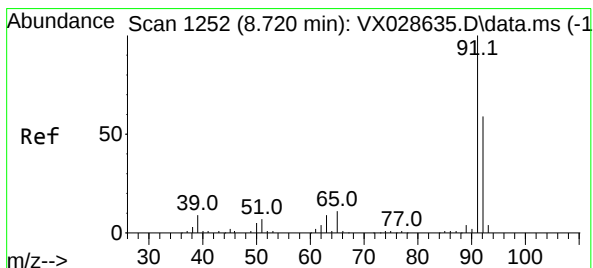
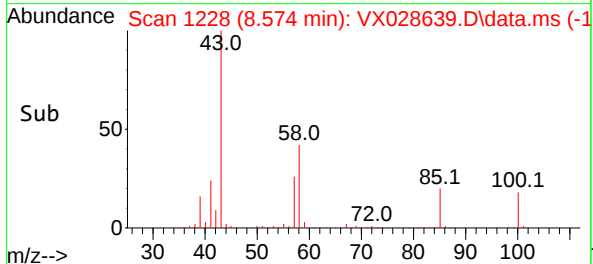
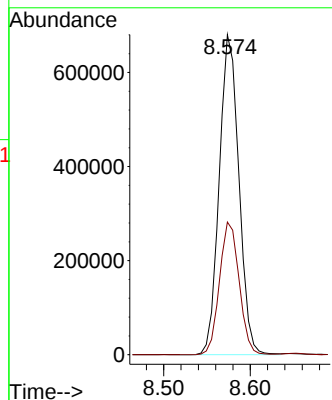
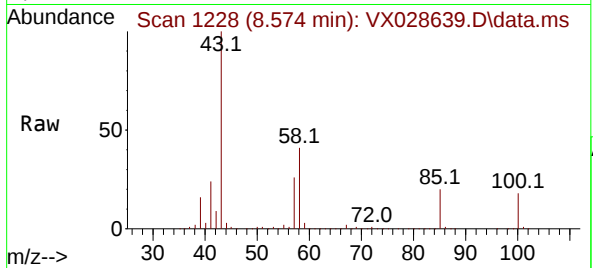
#51
4-Methyl-2-Pentanone
Concen: 272.712 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051222

Tgt Ion: 43 Resp: 107138
Ion Ratio Lower Upper
43 100
58 41.5 36.1 54.1

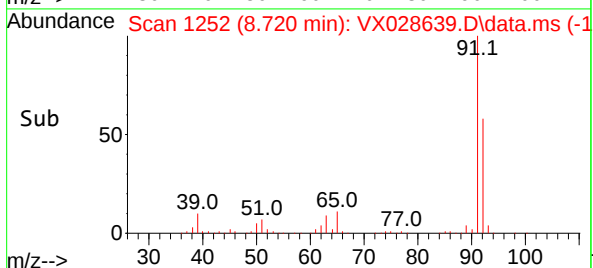
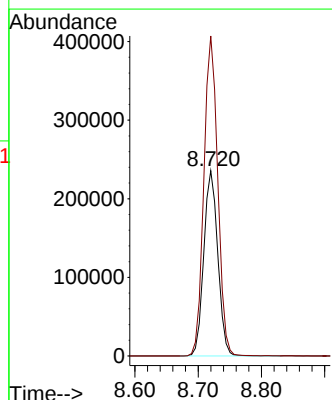
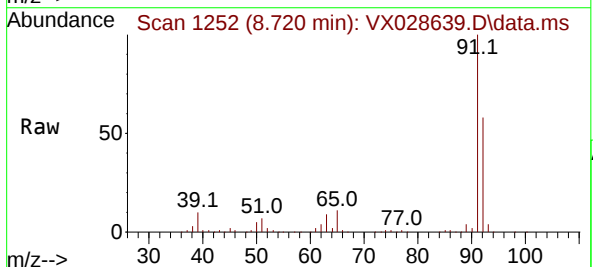
Manual Integrations
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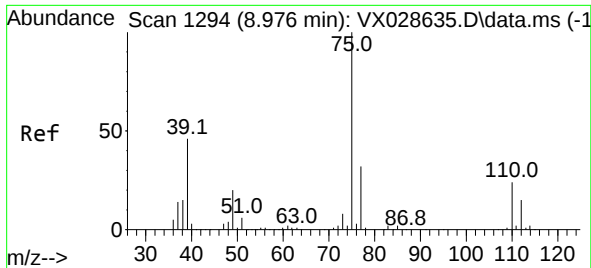
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#52
Toluene
Concen: 53.853 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

Tgt Ion: 92 Resp: 363407
Ion Ratio Lower Upper
92 100
91 171.4 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 51.178 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VX028639.D

Acq: 12 May 2022 15:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051222

Tgt Ion: 75 Resp: 213940

Ion Ratio Lower Upper

75 100

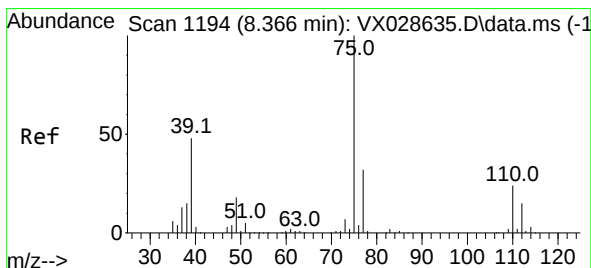
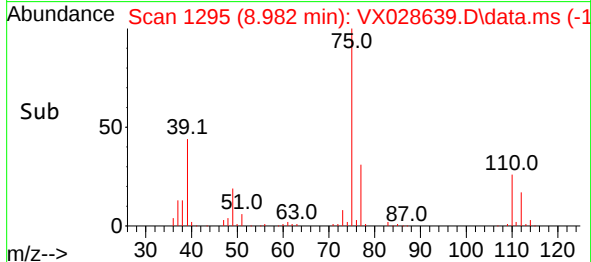
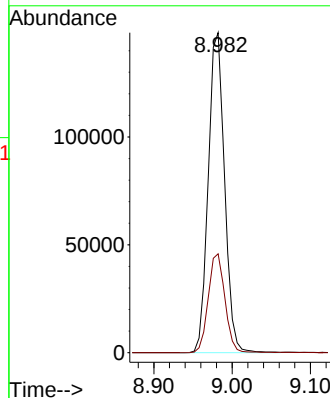
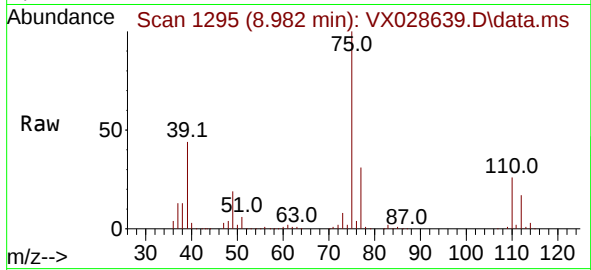
77 30.9 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#54

cis-1,3-Dichloropropene

Concen: 56.637 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX028639.D

Acq: 12 May 2022 15:17

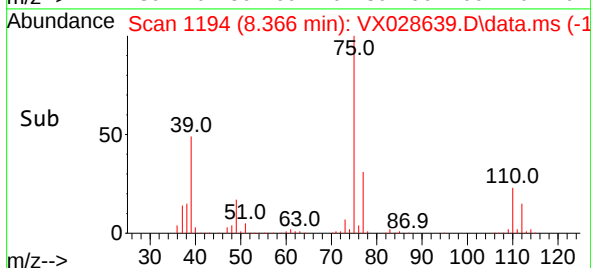
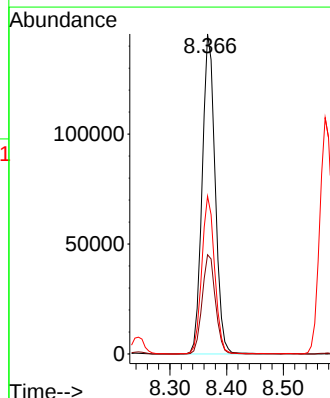
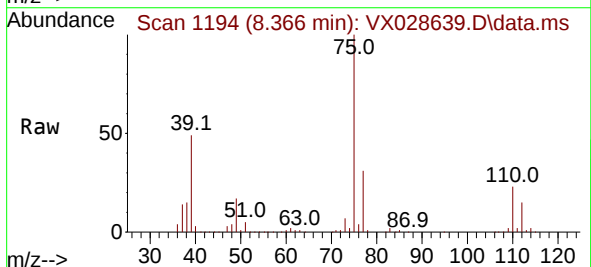
Tgt Ion: 75 Resp: 231259

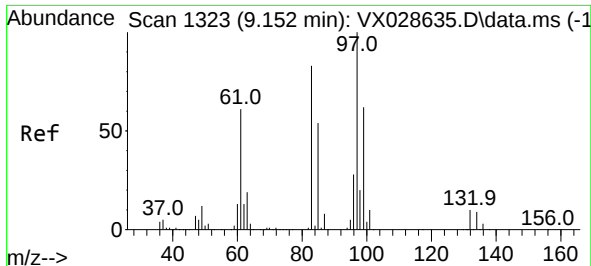
Ion Ratio Lower Upper

75 100

77 31.0 24.8 37.2

39 49.2 29.6 44.4#





#55

1,1,2-Trichloroethane

Concen: 53.245 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.001 min

Lab File: VX028639.D

Acq: 12 May 2022 15:17

Instrument :

MSVOA_X

ClientSampleId :

ICVX051222

Tgt Ion: 97 Resp: 14651

Ion Ratio Lower Upper

97 100

83 85.8 66.2 99.4

85 55.5 42.9 64.3

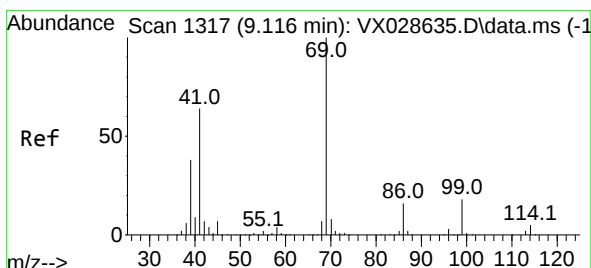
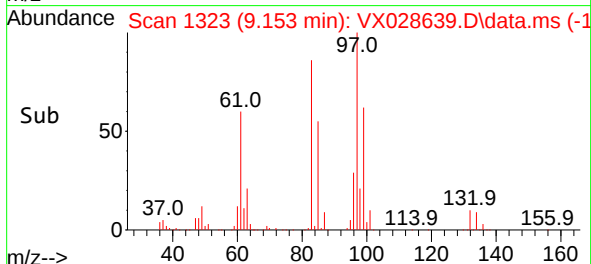
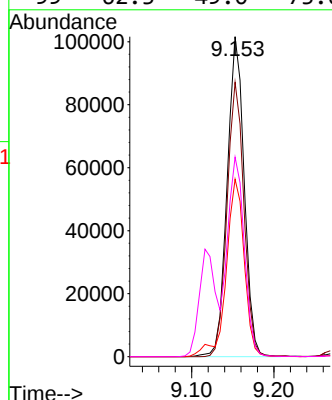
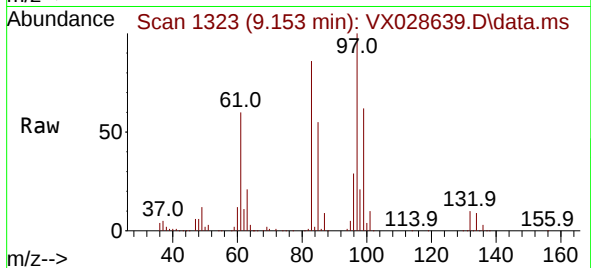
99 62.3 49.0 73.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#56

Ethyl methacrylate

Concen: 56.332 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX028639.D

Acq: 12 May 2022 15:17

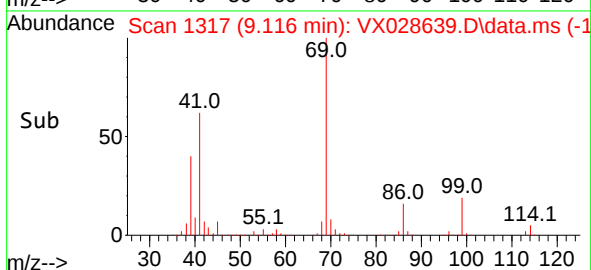
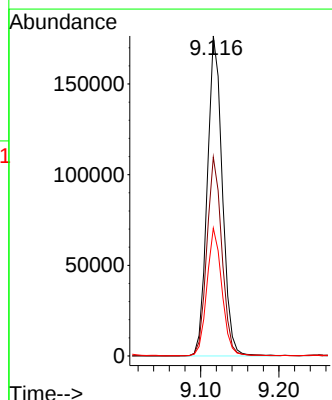
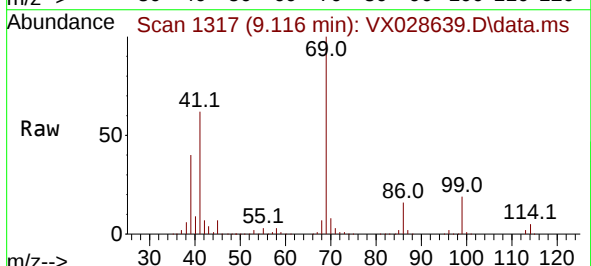
Tgt Ion: 69 Resp: 234733

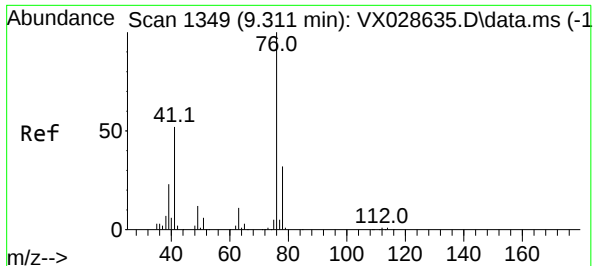
Ion Ratio Lower Upper

69 100

41 62.2 43.8 65.6

39 39.8 22.2 33.2#





#57

1,3-Dichloropropane

Concen: 53.434 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.000 min

Lab File: VX028639.D

Acq: 12 May 2022 15:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051222

Tgt Ion: 76 Resp: 247994

Ion Ratio Lower Upper

76 100

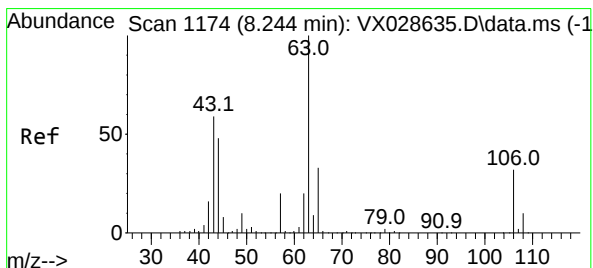
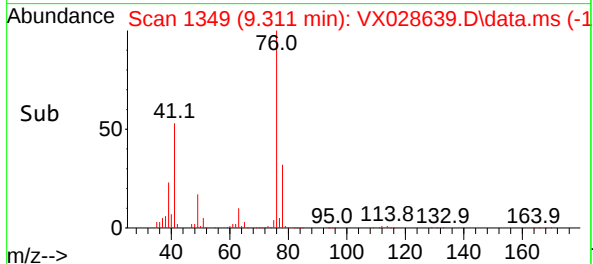
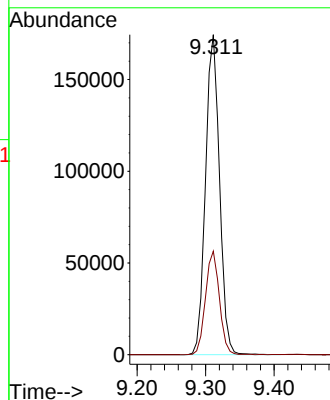
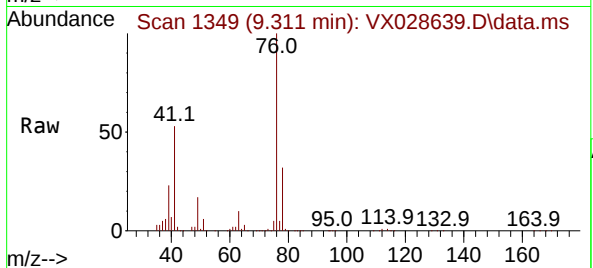
78 32.2 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#58

2-Chloroethyl Vinyl ether

Concen: 274.979 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX028639.D

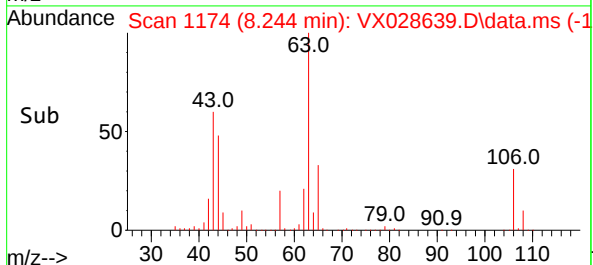
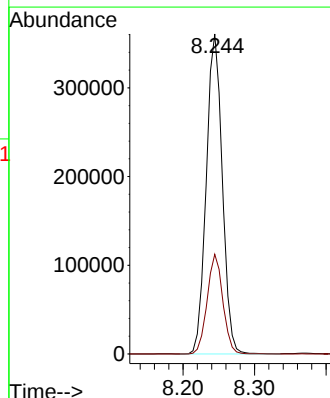
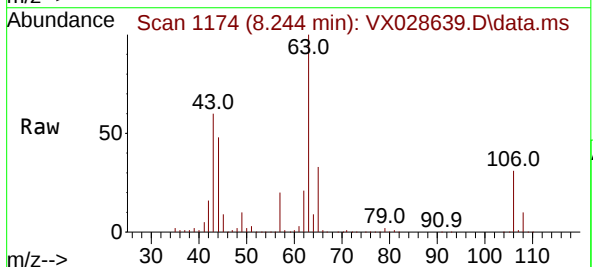
Acq: 12 May 2022 15:17

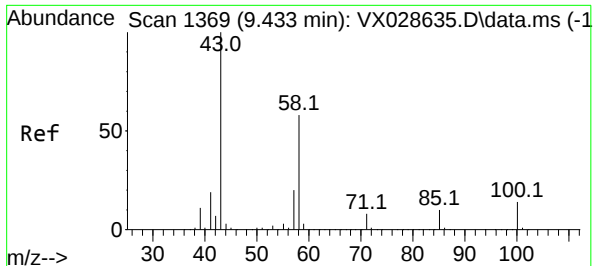
Tgt Ion: 63 Resp: 560980

Ion Ratio Lower Upper

63 100

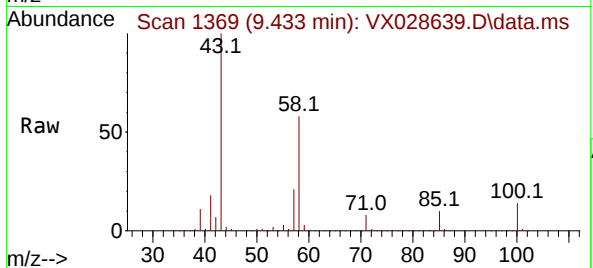
106 30.4 23.9 35.9





#59
2-Hexanone
Concen: 281.064 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

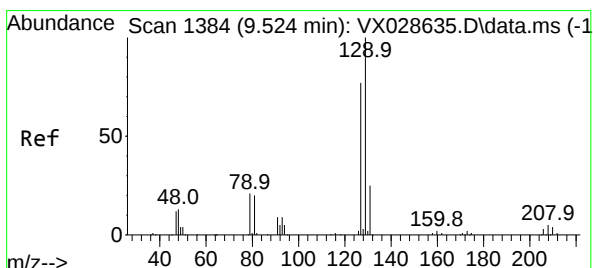
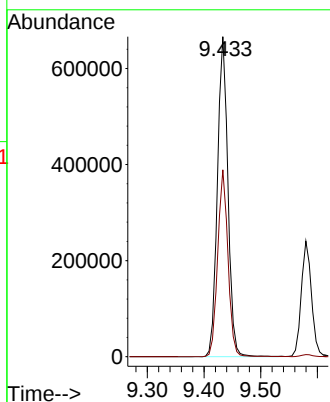
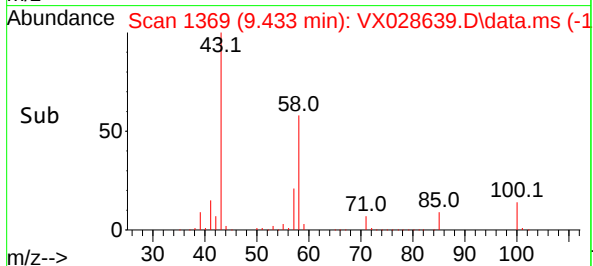
Instrument :
MSVOA_X
ClientSampleId :
ICVX051222



Tgt Ion: 43 Resp: 857884
Ion Ratio Lower Upper
43 100
58 57.3 31.9 95.7

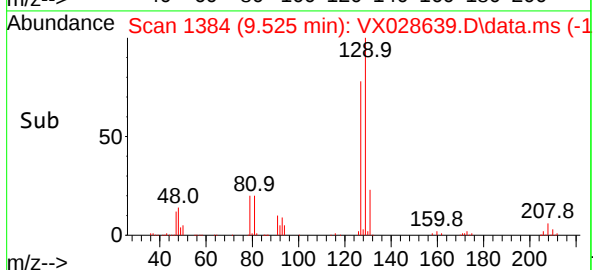
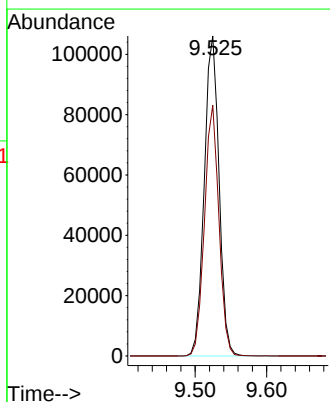
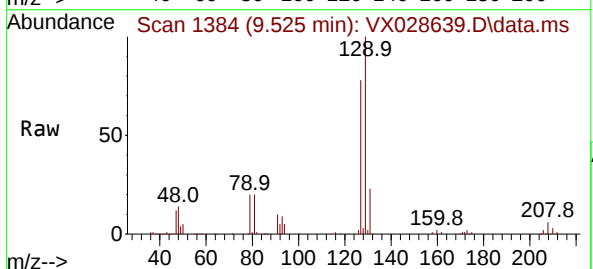
Manual Integrations
APPROVED

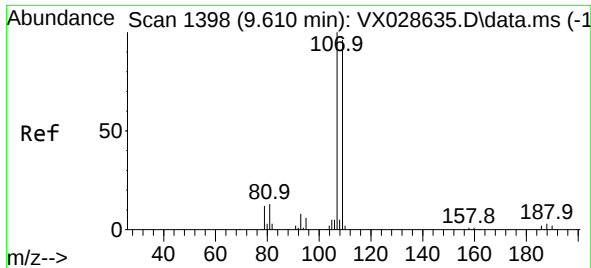
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#60
Dibromochloromethane
Concen: 56.671 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.001 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

Tgt Ion:129 Resp: 152083
Ion Ratio Lower Upper
129 100
127 76.6 40.3 120.8





#61
1,2-Dibromoethane
Concen: 55.081 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

Instrument :

MSVOA_X

ClientSampleId :

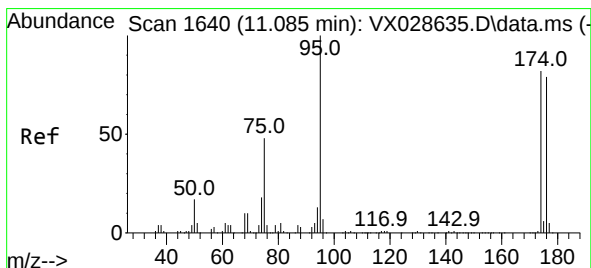
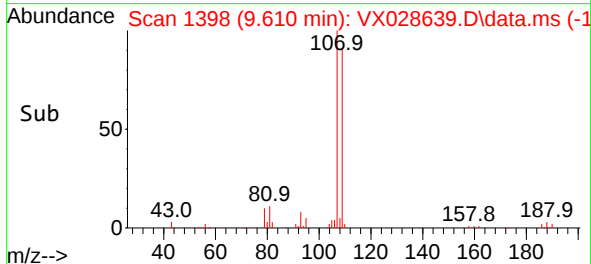
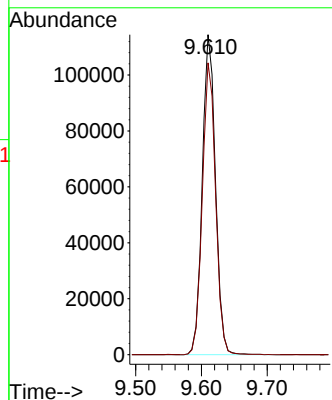
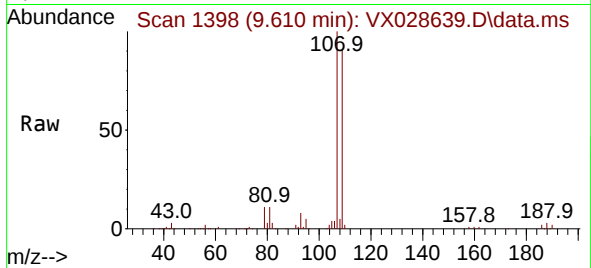
ICVVX051222

Tgt Ion:107 Resp: 159190
Ion Ratio Lower Upper
107 100
109 91.9 74.4 111.6

Manual Integrations

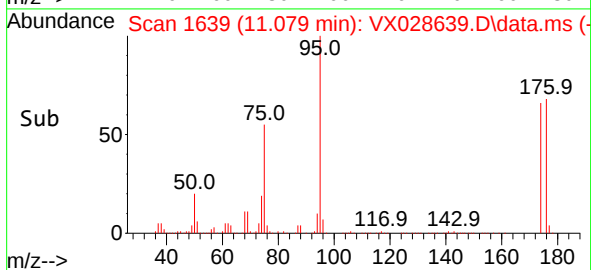
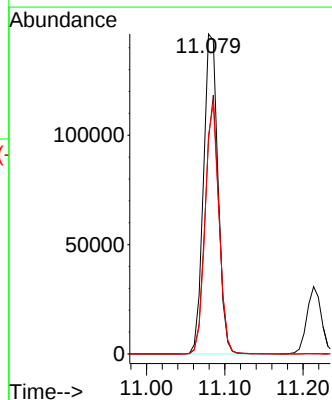
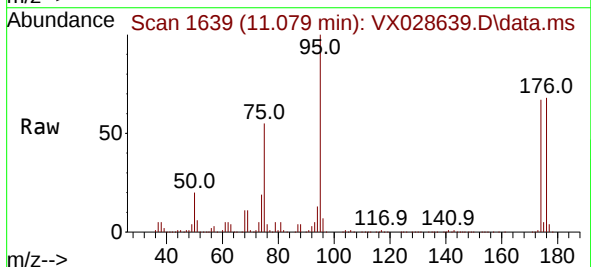
APPROVED

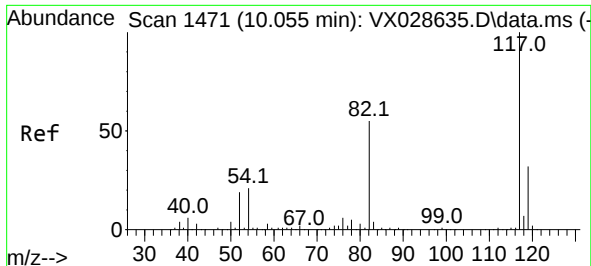
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#62
4-Bromofluorobenzene
Concen: 55.027 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

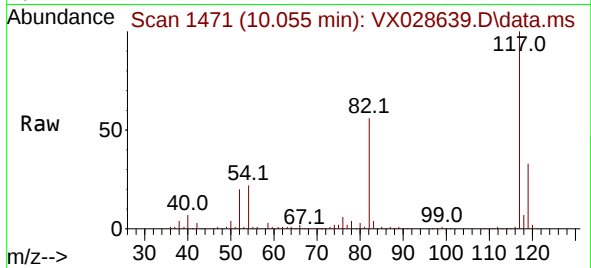
Tgt Ion: 95 Resp: 188310
Ion Ratio Lower Upper
95 100
174 76.0 0.0 163.0
176 74.5 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

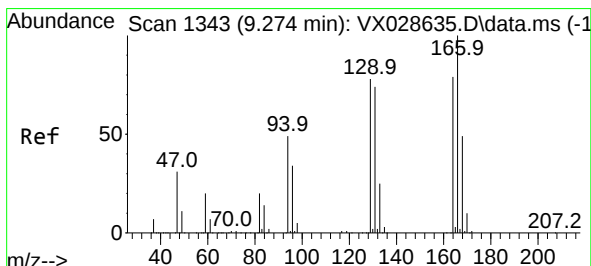
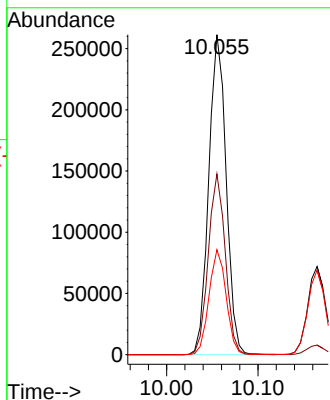
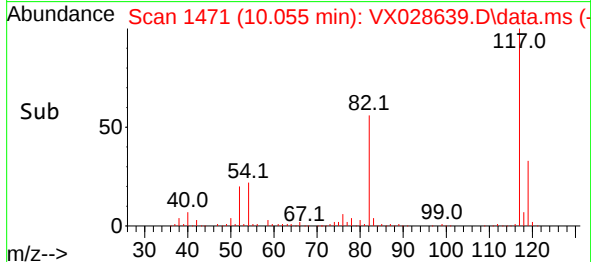
Instrument :
MSVOA_X
ClientSampleId :
ICVVX051222



Tgt Ion:117 Resp: 34440
Ion Ratio Lower Upper
117 100
82 56.5 41.8 62.8
119 32.8 24.8 37.2

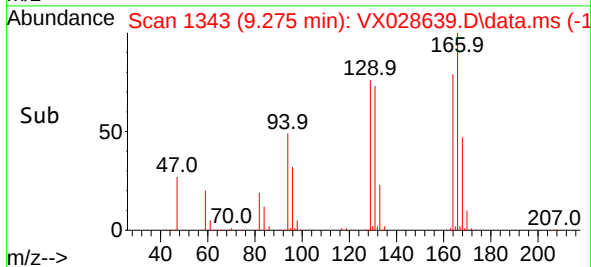
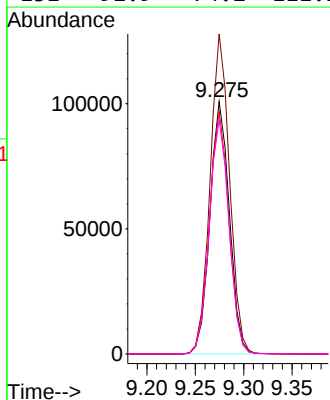
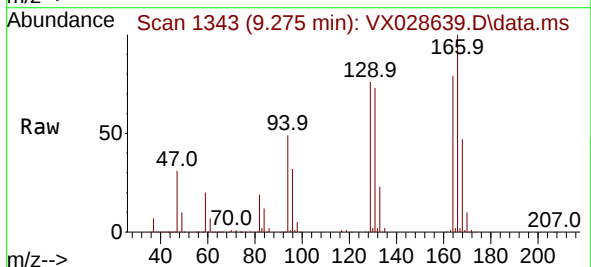
Manual Integrations
APPROVED

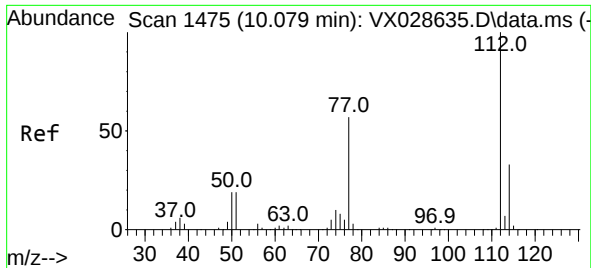
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#64
Tetrachloroethene
Concen: 54.344 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

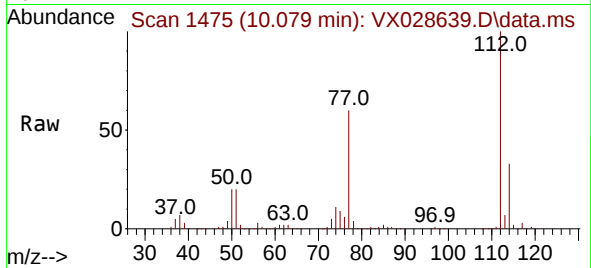
Tgt Ion:164 Resp: 141339
Ion Ratio Lower Upper
164 100
166 126.8 101.2 151.8
129 96.1 73.0 109.4
131 92.9 74.2 111.2





#65
Chlorobenzene
Concen: 53.218 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

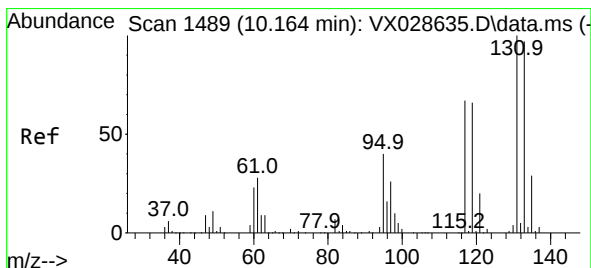
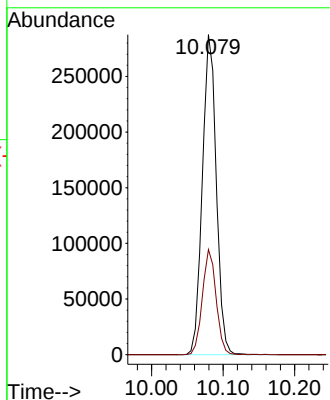
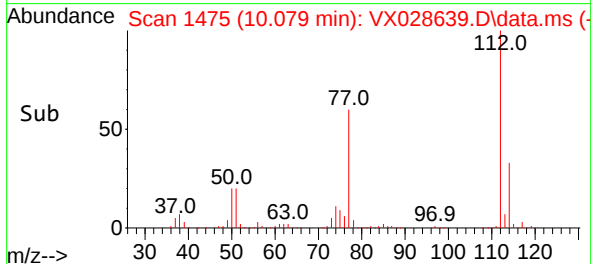
Instrument :
MSVOA_X
ClientSampleId :
ICVVX051222



Tgt Ion:112 Resp: 388828
Ion Ratio Lower Upper
112 100
114 32.8 25.8 38.8

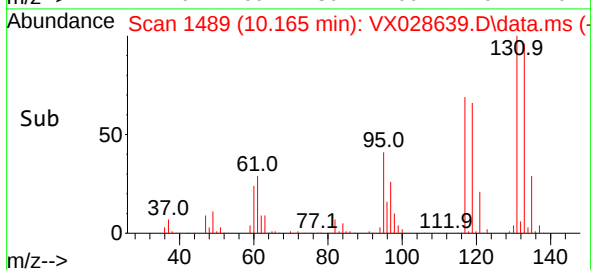
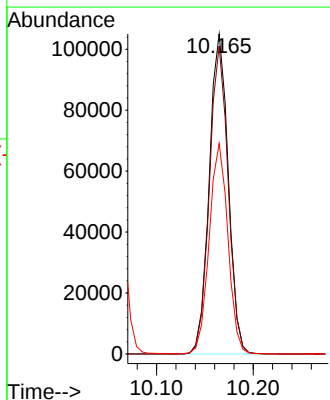
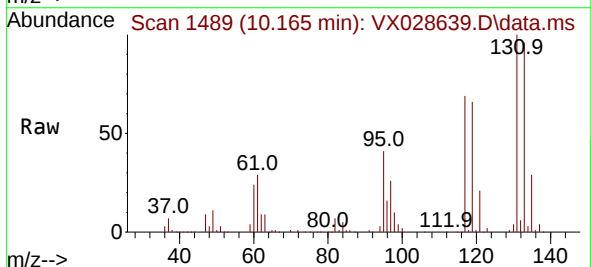
Manual Integrations
APPROVED

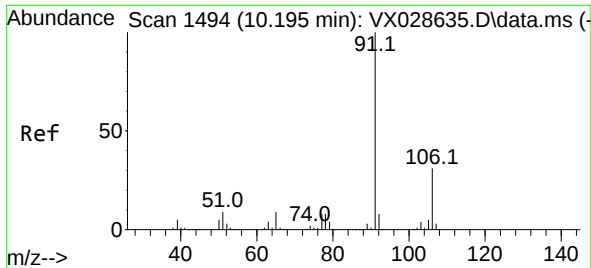
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 55.308 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

Tgt Ion:131 Resp: 143147
Ion Ratio Lower Upper
131 100
133 95.0 48.3 144.8
119 65.0 32.6 98.0





#67

Ethyl Benzene

Concen: 54.525 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX028639.D

Acq: 12 May 2022 15:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051222

Tgt Ion: 91 Resp: 714056

Ion Ratio Lower Upper

91 100

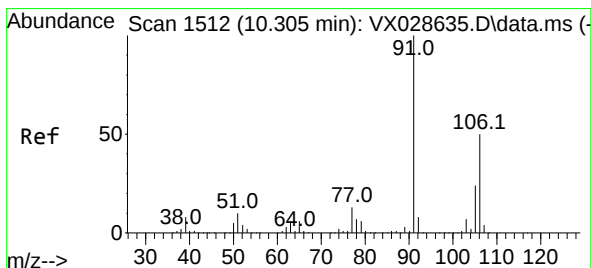
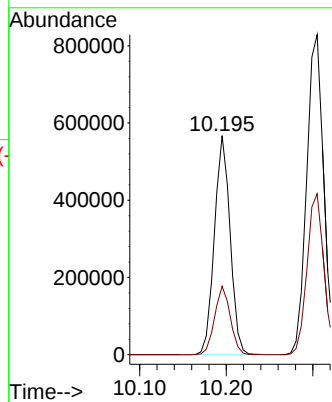
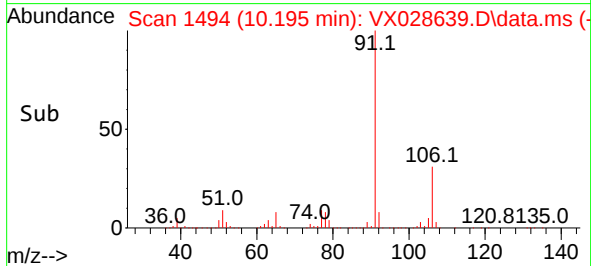
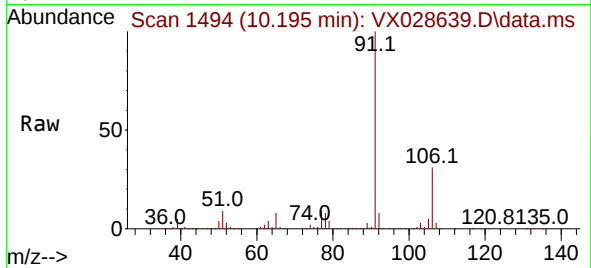
106 31.3 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#68

m/p-Xylenes

Concen: 109.874 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX028639.D

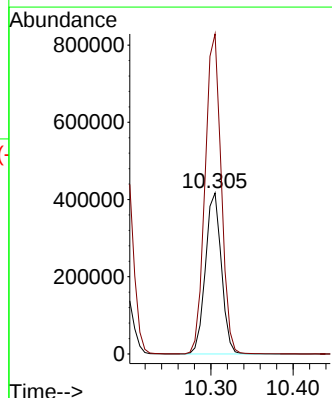
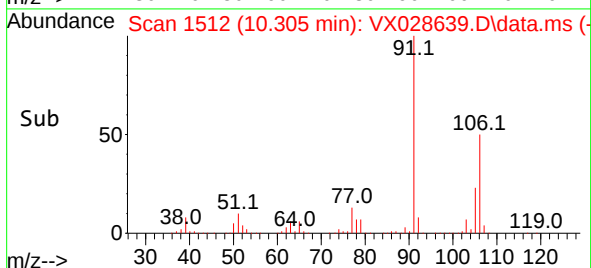
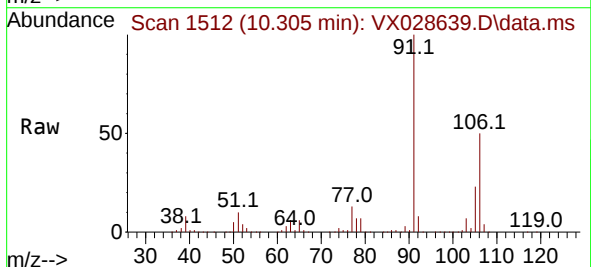
Acq: 12 May 2022 15:17

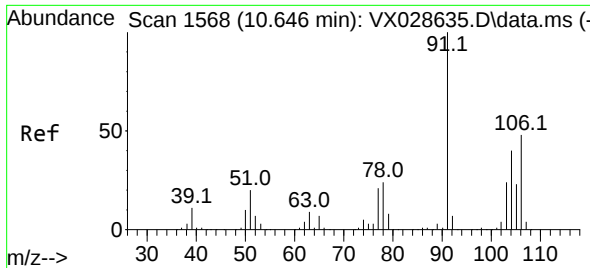
Tgt Ion:106 Resp: 560201

Ion Ratio Lower Upper

106 100

91 201.5 160.4 240.6





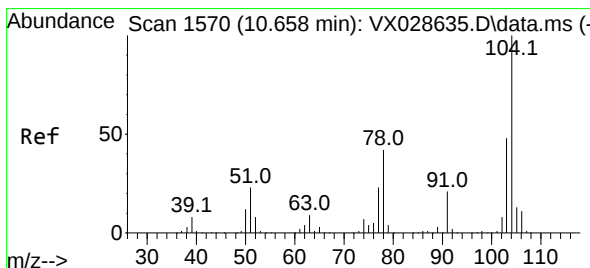
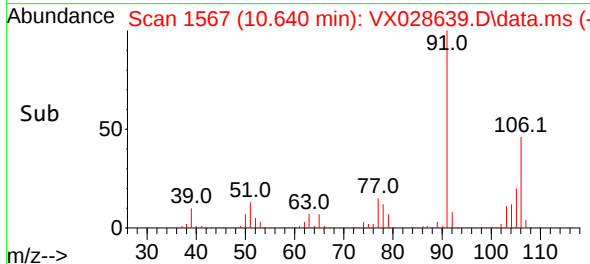
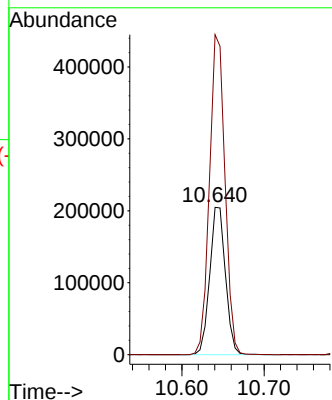
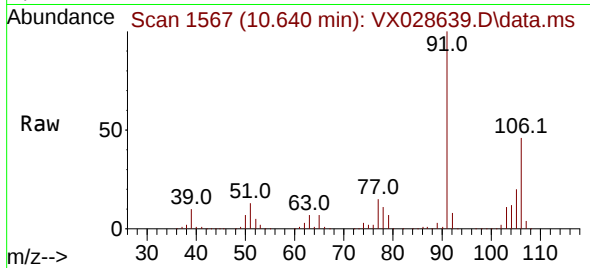
#69
o-Xylene
Concen: 54.284 ug/l
RT: 10.640 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051222

Tgt Ion:106 Resp: 272495
Ion Ratio Lower Upper
106 100
91 214.0 106.1 318.1

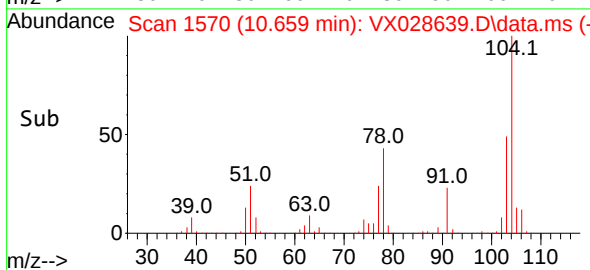
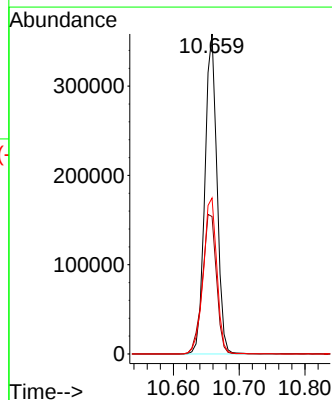
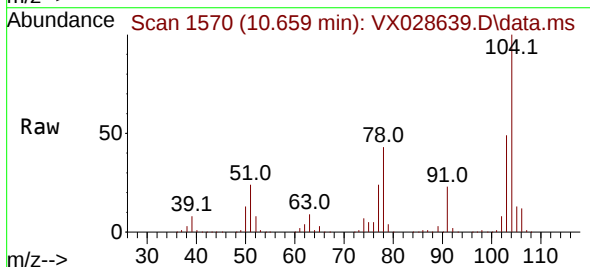
Manual Integrations
APPROVED

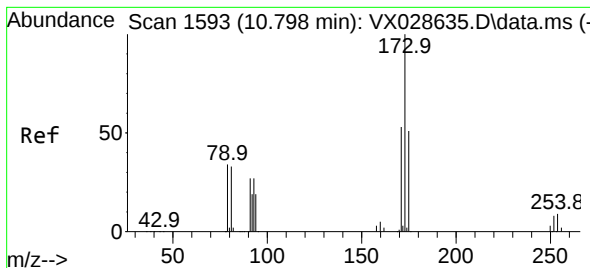
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#70
Styrene
Concen: 56.320 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.001 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

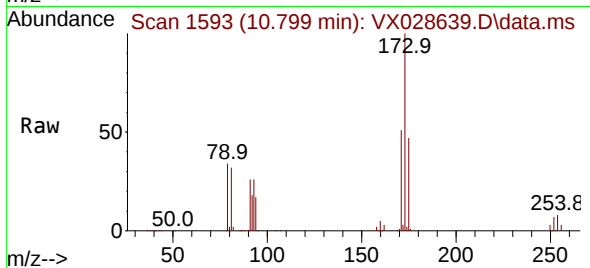
Tgt Ion:104 Resp: 459116
Ion Ratio Lower Upper
104 100
78 50.6 38.6 57.8
103 54.5 43.8 65.8





#71
Bromoform
Concen: 50.912 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.001 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

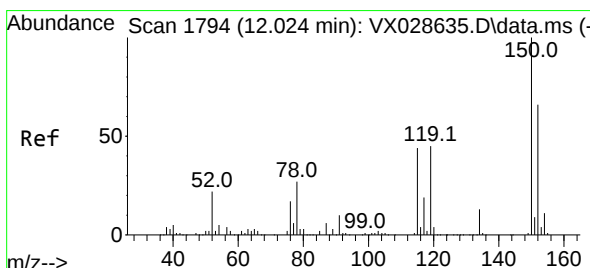
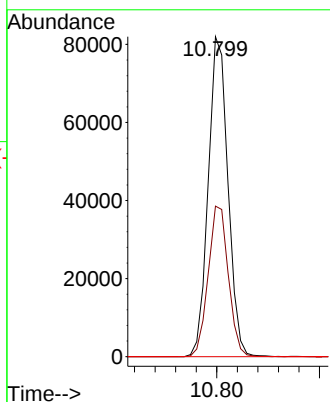
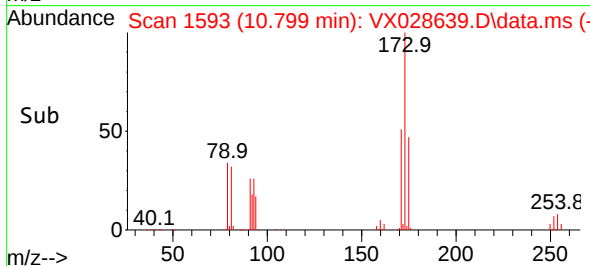
Instrument :
MSVOA_X
ClientSampleId :
ICVVX051222



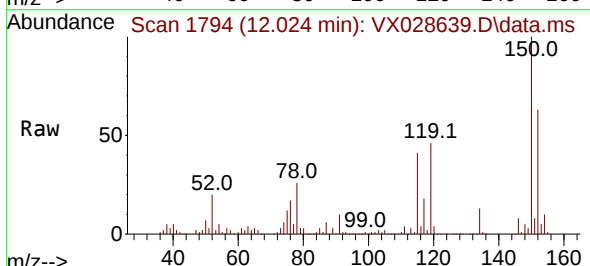
Tgt Ion:173 Resp: 109272
Ion Ratio Lower Upper
173 100
175 48.3 24.1 72.2
254 0.0 0.1 0.1

Manual Integrations
APPROVED

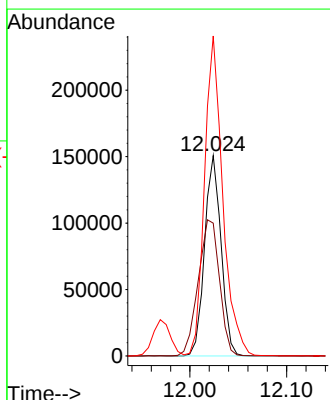
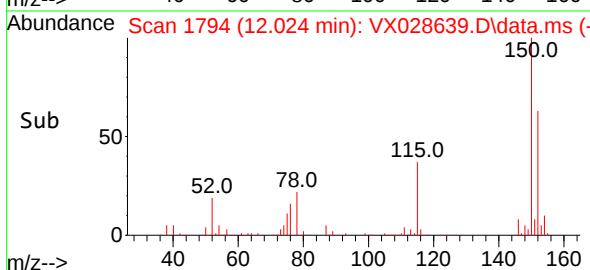
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

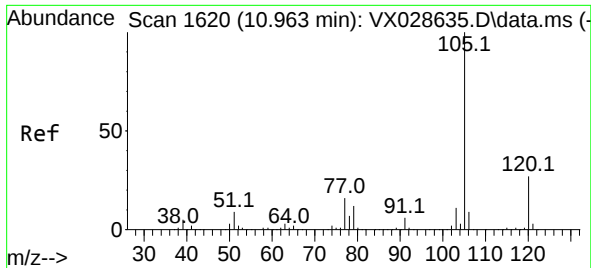


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17



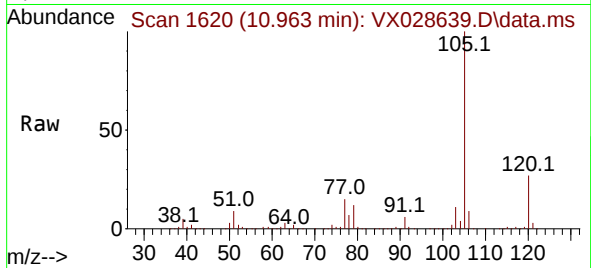
Tgt Ion:152 Resp: 179127
Ion Ratio Lower Upper
152 100
115 87.3 37.5 112.7
150 177.0 0.0 338.2





#73
Isopropylbenzene
Concen: 52.313 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

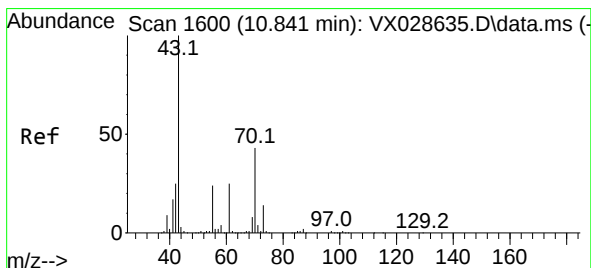
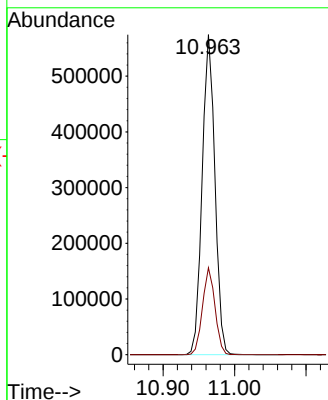
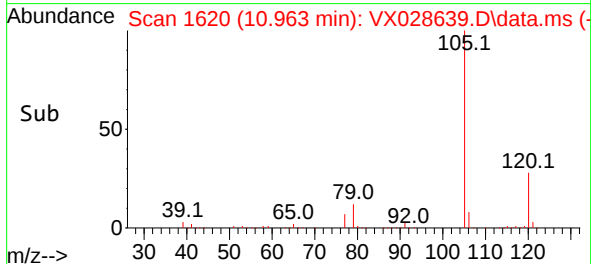
Instrument :
MSVOA_X
ClientSampleId :
ICVVX051222



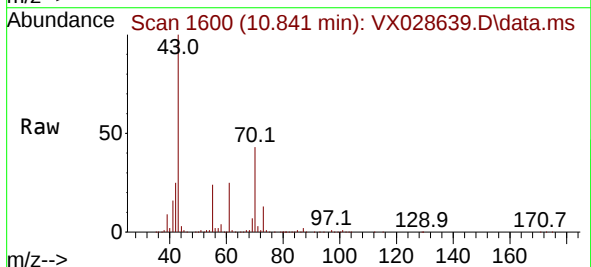
Tgt Ion:105 Resp: 710624
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.5

Manual Integrations
APPROVED

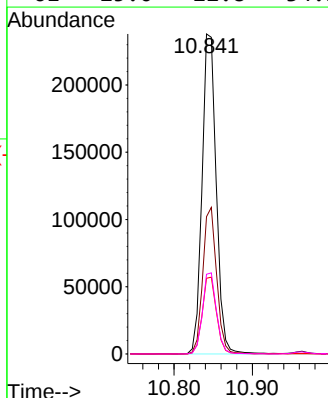
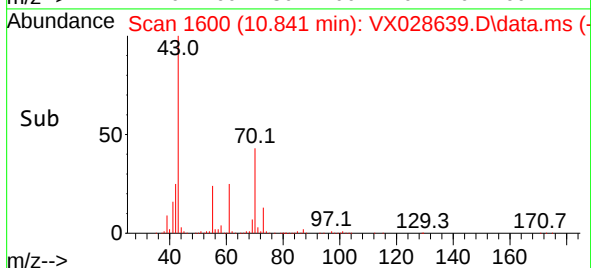
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

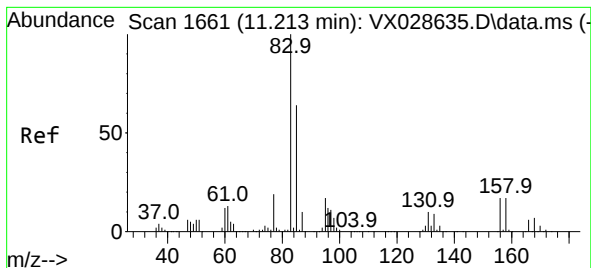


#74
N-ethyl acetate
Concen: 56.017 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17



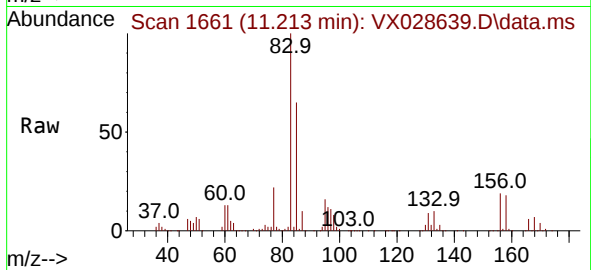
Tgt Ion: 43 Resp: 299121
Ion Ratio Lower Upper
43 100
70 45.1 42.5 63.7
55 24.2 23.1 34.7
61 25.0 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 51.442 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

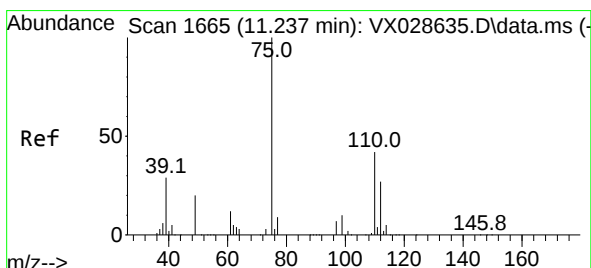
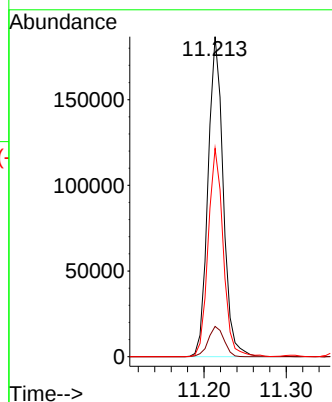
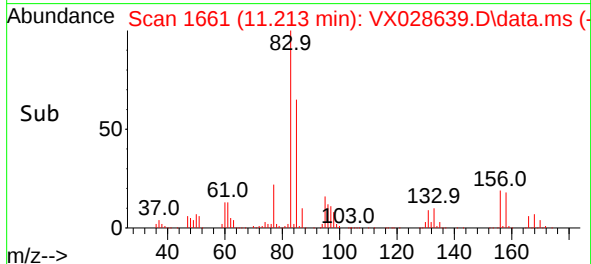
Instrument :
MSVOA_X
ClientSampleId :
ICVX051222



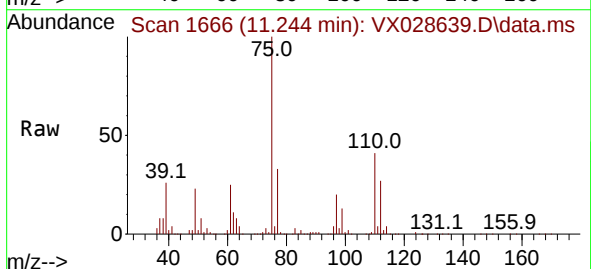
Tgt Ion: 83 Resp: 239729
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.3
85 64.4 32.6 97.7

Manual Integrations
APPROVED

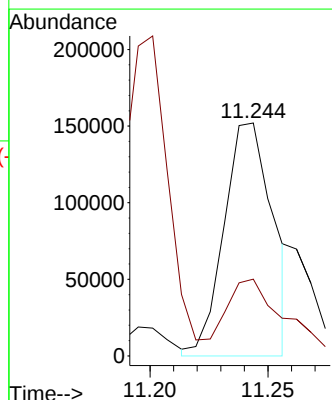
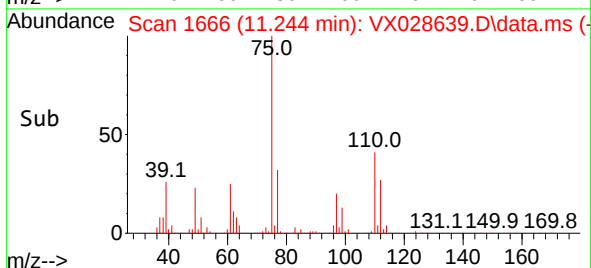
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

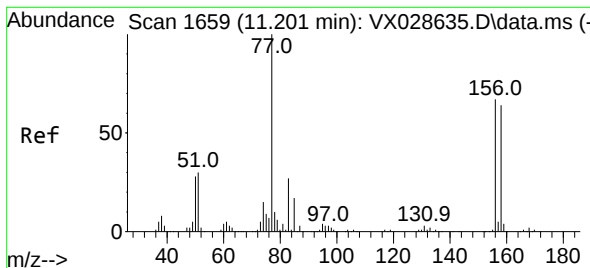


#76
1,2,3-Trichloropropane
Concen: 52.416 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.007 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17



Tgt Ion: 75 Resp: 219886
Ion Ratio Lower Upper
75 100
77 40.2 19.4 58.2





#77

Bromobenzene

Concen: 53.024 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX028639.D

Acq: 12 May 2022 15:17

Instrument :

MSVOA_X

ClientSampleId :

ICVX051222

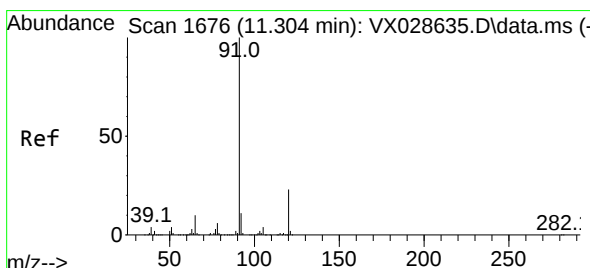
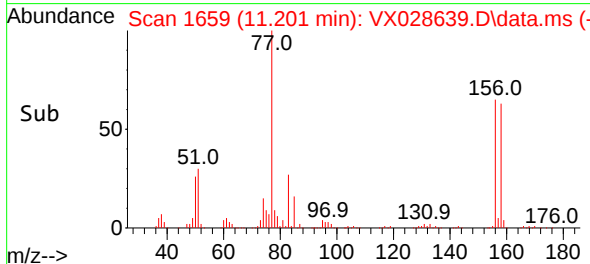
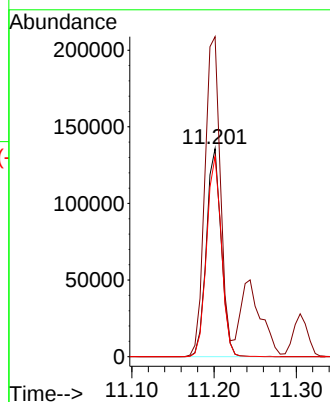
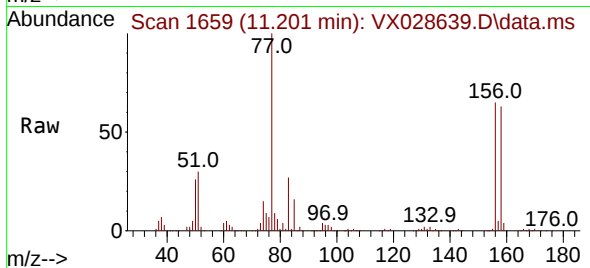
Tgt Ion:	156	Resp:	17042
Ion Ratio	Lower	Upper	
156	100		
77	160.8	78.5	235.3
158	96.4	50.2	150.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#78

n-propylbenzene

Concen: 53.336 ug/l

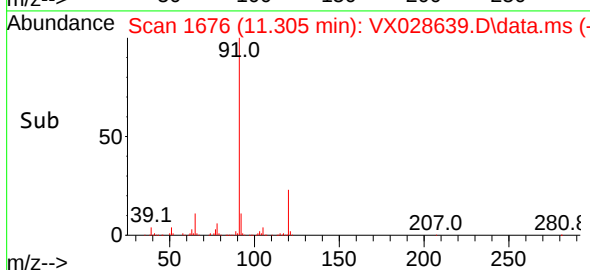
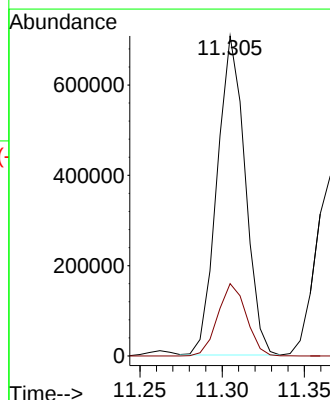
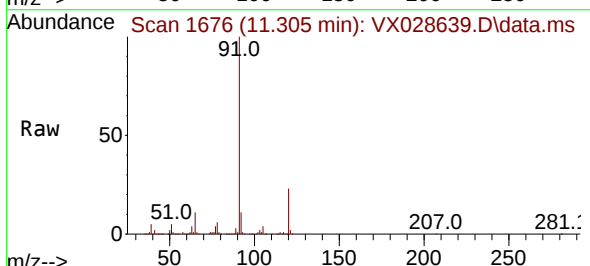
RT: 11.305 min Scan# 1676

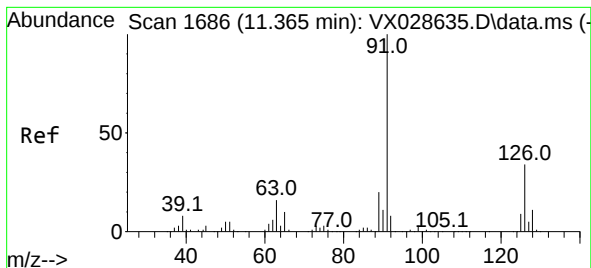
Delta R.T. 0.001 min

Lab File: VX028639.D

Acq: 12 May 2022 15:17

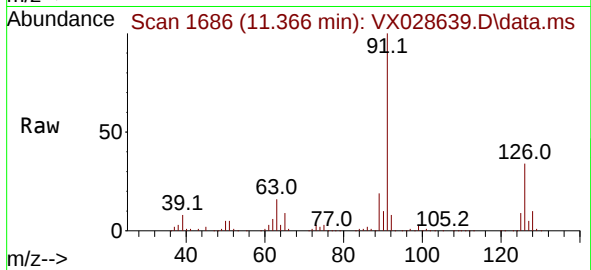
Tgt Ion:	91	Resp:	838068
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.6	34.8





#79
2-Chlorotoluene
Concen: 51.910 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

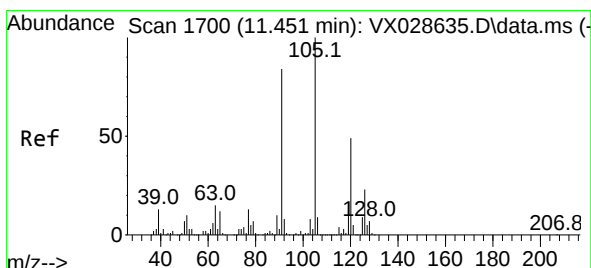
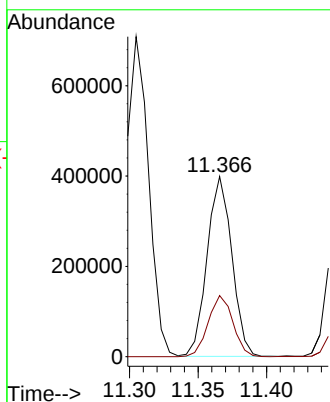
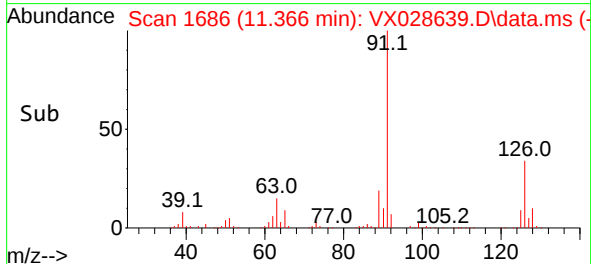
Instrument :
MSVOA_X
ClientSampleId :
ICVVX051222



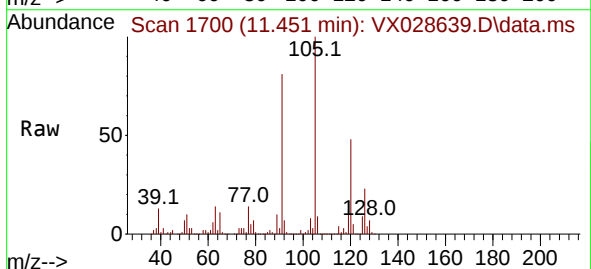
Tgt Ion: 91 Resp: 499932
Ion Ratio Lower Upper
91 100
126 34.0 17.3 51.9

Manual Integrations
APPROVED

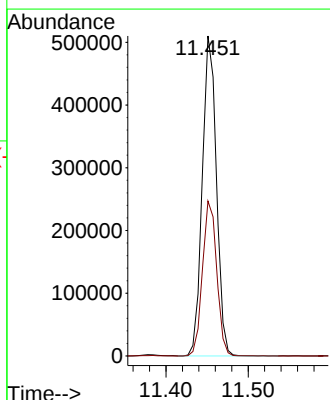
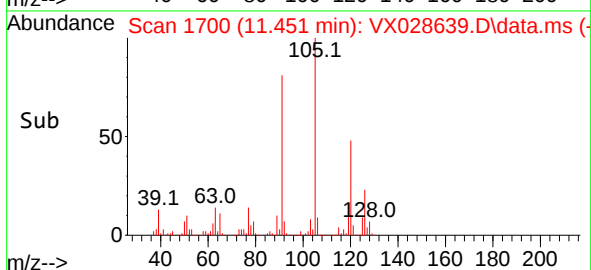
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

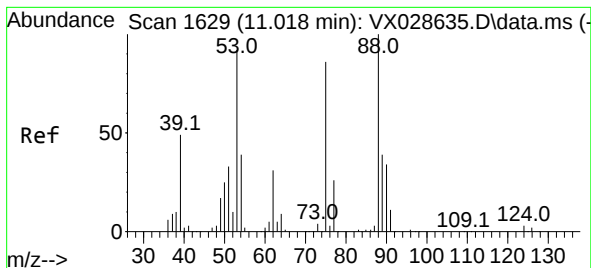


#80
1,3,5-Trimethylbenzene
Concen: 53.676 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17



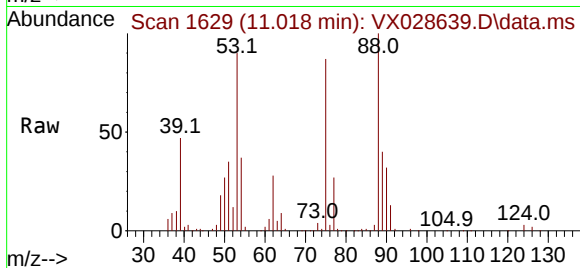
Tgt Ion:105 Resp: 607554
Ion Ratio Lower Upper
105 100
120 48.9 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 50.748 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

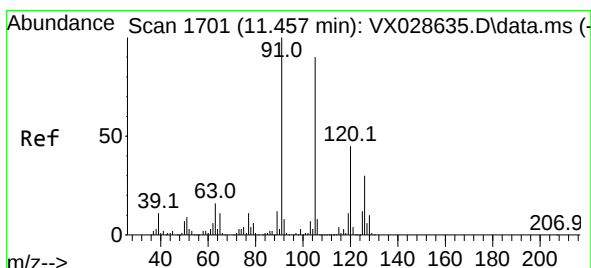
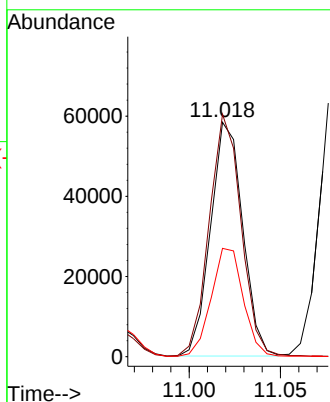
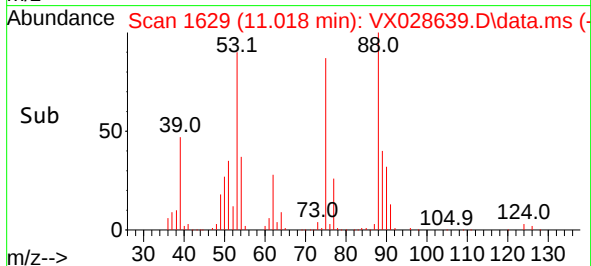
Instrument :
MSVOA_X
ClientSampleId :
ICVVX051222



Tgt Ion: 75 Resp: 71450
Ion Ratio Lower Upper
75 100
53 102.6 69.0 103.4
89 46.7 37.0 55.6

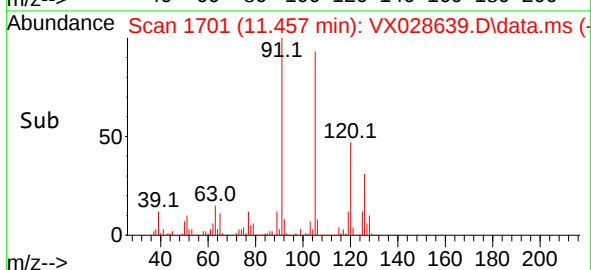
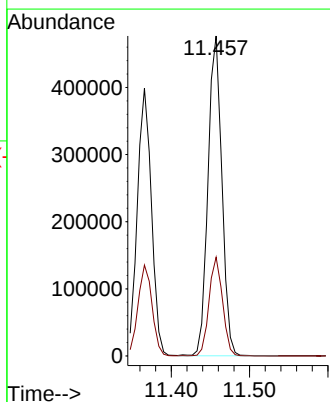
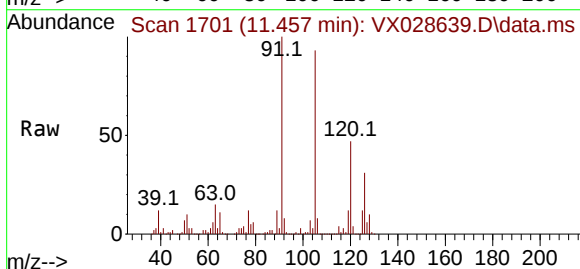
Manual Integrations
APPROVED

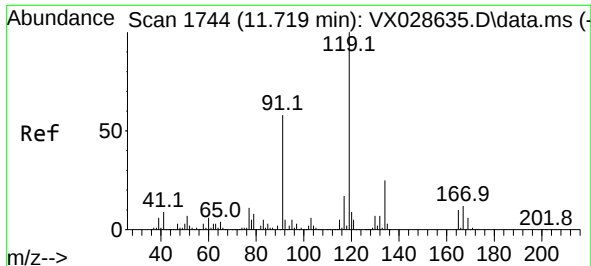
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#82
4-Chlorotoluene
Concen: 52.560 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

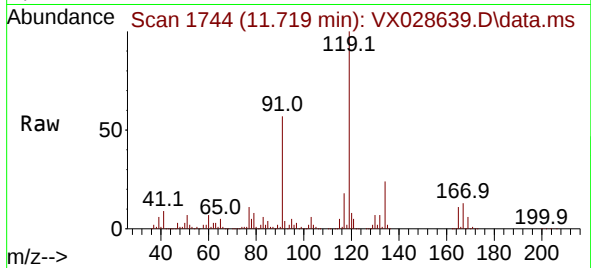
Tgt Ion: 91 Resp: 585181
Ion Ratio Lower Upper
91 100
126 30.1 14.9 44.5





#83
tert-Butylbenzene
Concen: 53.490 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

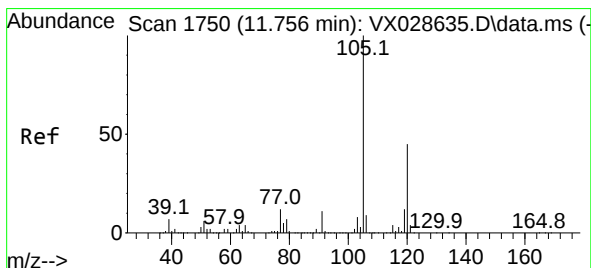
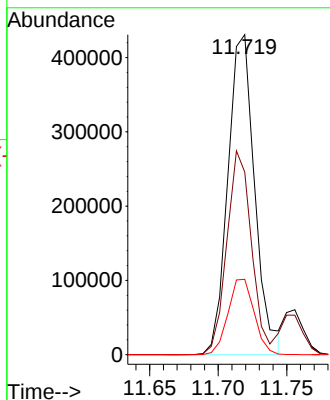
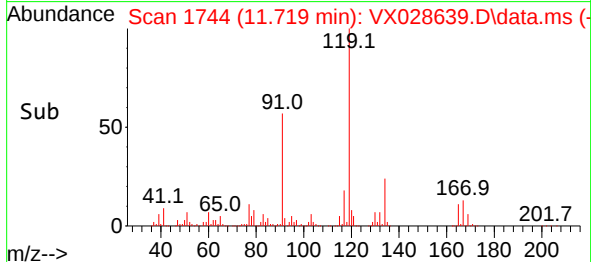
Instrument :
MSVOA_X
ClientSampleId :
ICVVX051222



Tgt Ion:119 Resp: 586199
Ion Ratio Lower Upper
119 100
91 58.4 26.9 80.6
134 23.0 11.4 34.2

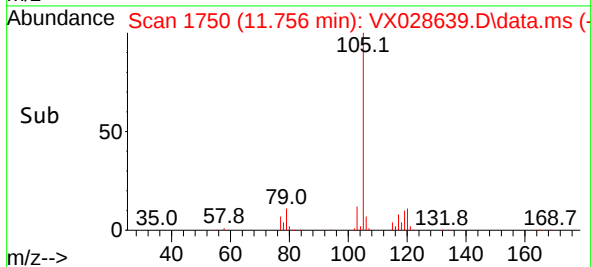
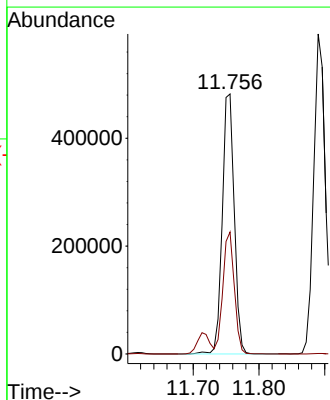
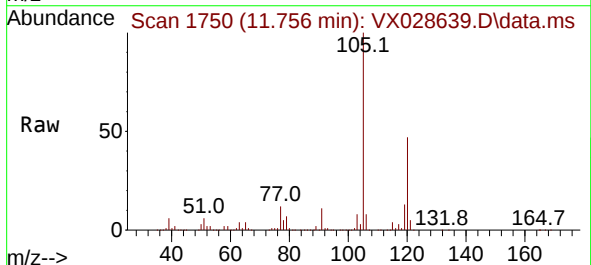
Manual Integrations
APPROVED

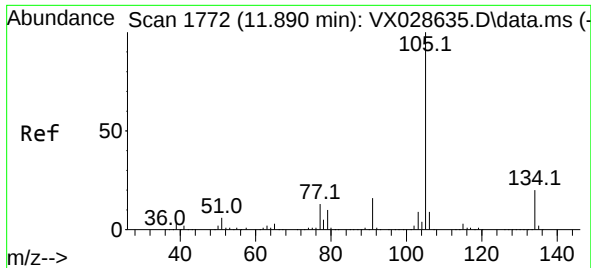
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#84
1,2,4-Trimethylbenzene
Concen: 53.876 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

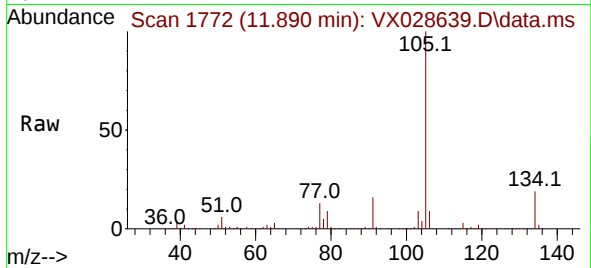
Tgt Ion:105 Resp: 611520
Ion Ratio Lower Upper
105 100
120 44.8 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 53.512 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX028639.D
 Acq: 12 May 2022 15:17

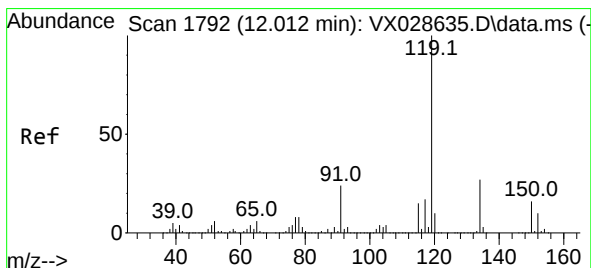
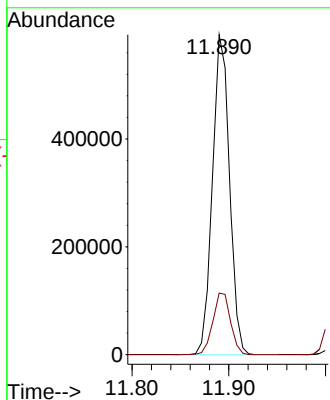
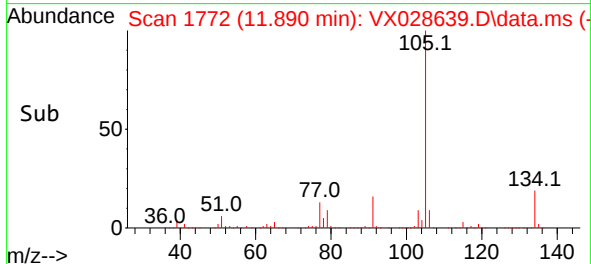
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051222



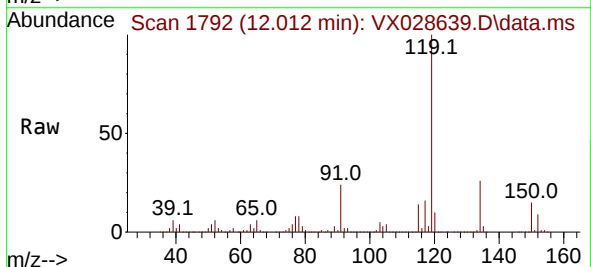
Tgt Ion:105 Resp: 72338
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.2 30.4

Manual Integrations
 APPROVED

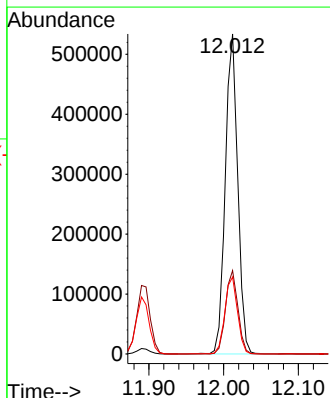
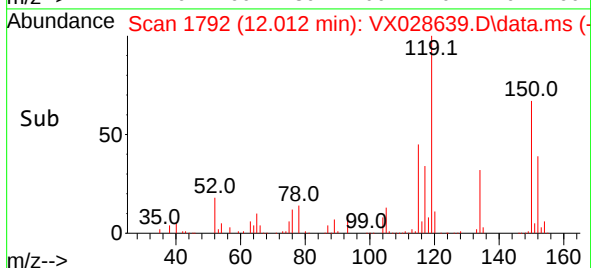
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022

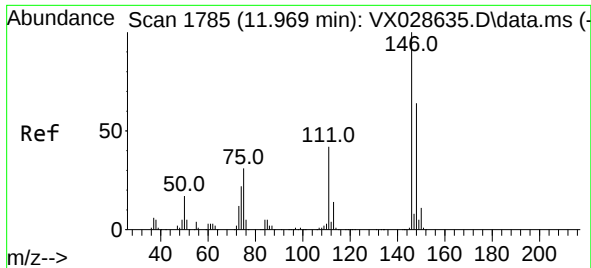


#86
 p-Isopropyltoluene
 Concen: 54.661 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX028639.D
 Acq: 12 May 2022 15:17



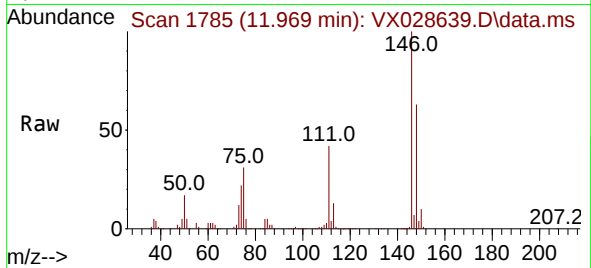
Tgt Ion:119 Resp: 620041
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 24.4 11.3 33.9





#87
 1,3-Dichlorobenzene
 Concen: 52.825 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: VX028639.D
 Acq: 12 May 2022 15:17

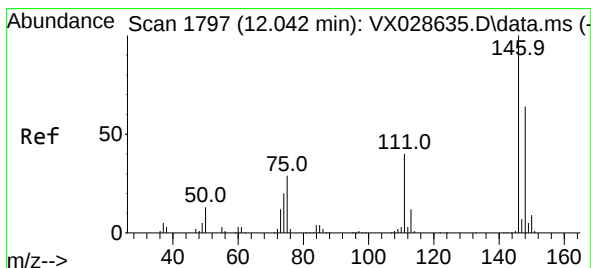
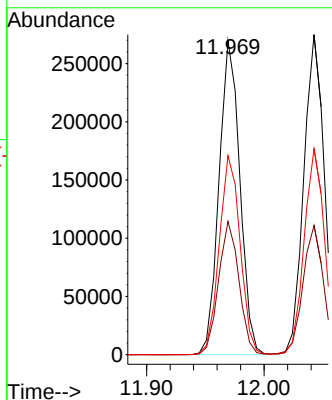
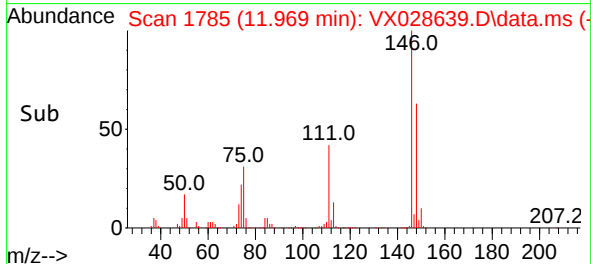
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051222



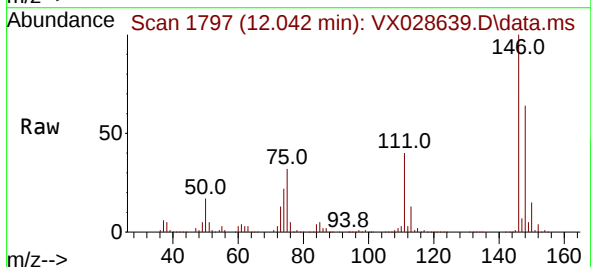
Tgt Ion:146 Resp: 333024
 Ion Ratio Lower Upper
 146 100
 111 41.6 19.7 59.1
 148 63.6 31.6 94.7

Manual Integrations
 APPROVED

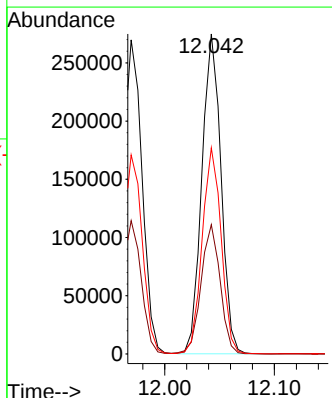
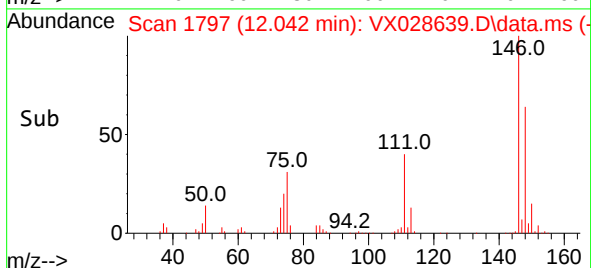
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022

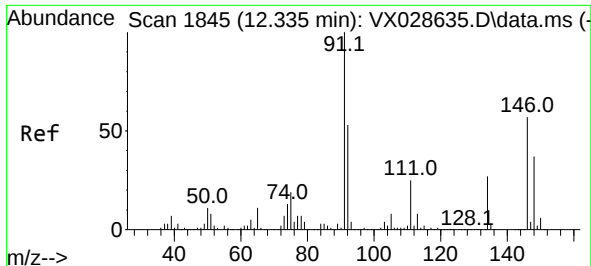


#88
 1,4-Dichlorobenzene
 Concen: 50.950 ug/l
 RT: 12.042 min Scan# 1797
 Delta R.T. 0.000 min
 Lab File: VX028639.D
 Acq: 12 May 2022 15:17



Tgt Ion:146 Resp: 333168
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.2 57.6
 148 63.9 32.3 96.9





#89

n-Butylbenzene

Concen: 54.625 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX028639.D

Acq: 12 May 2022 15:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051222

Tgt Ion: 91 Resp: 536880

Ion Ratio Lower Upper

91 100

92 53.9 27.8 83.3

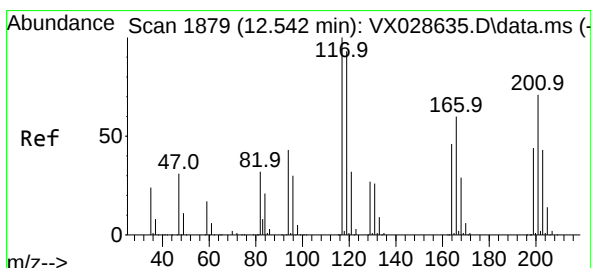
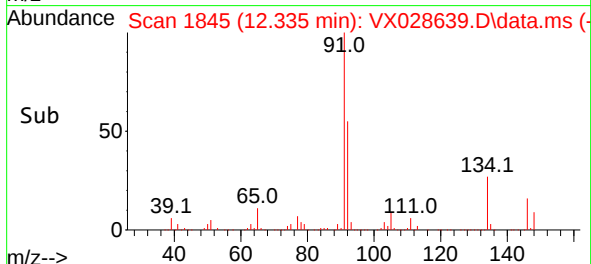
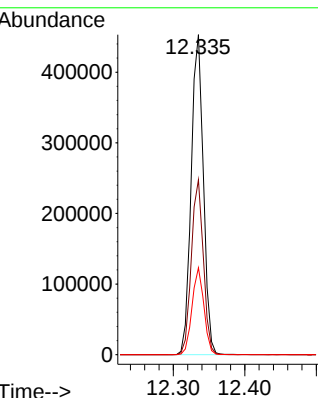
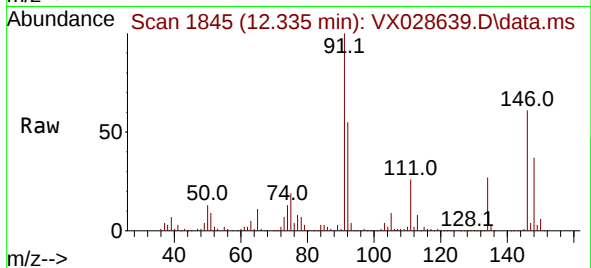
134 26.4 13.3 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#90

Hexachloroethane

Concen: 55.108 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VX028639.D

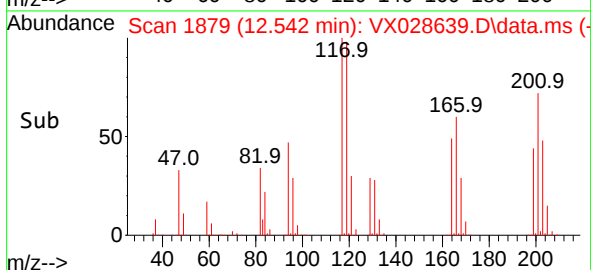
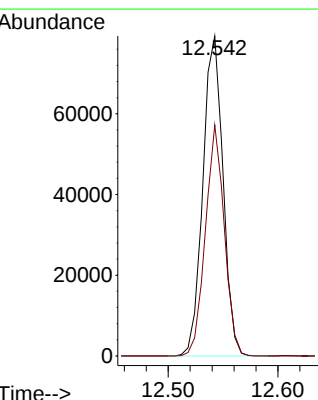
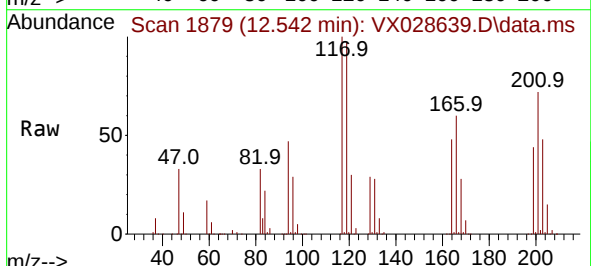
Acq: 12 May 2022 15:17

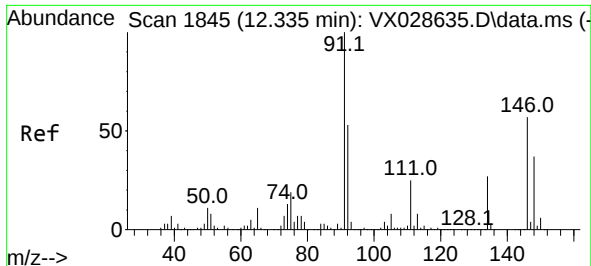
Tgt Ion:117 Resp: 101089

Ion Ratio Lower Upper

117 100

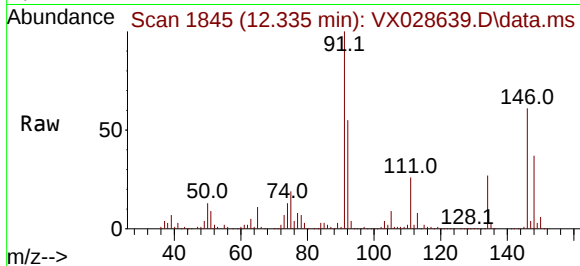
201 68.0 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 53.231 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

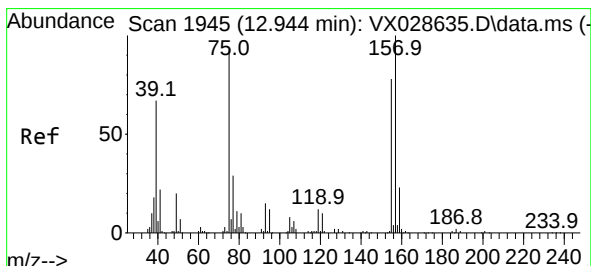
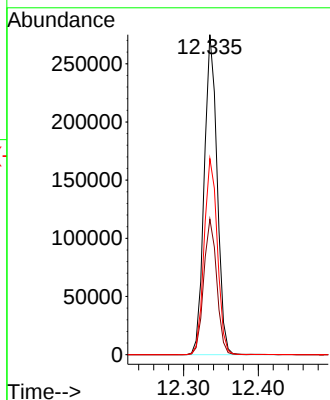
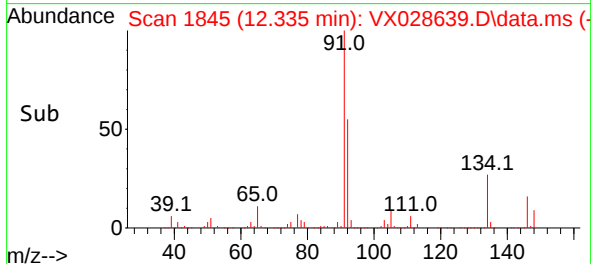
Instrument :
MSVOA_X
ClientSampleId :
ICVX051222



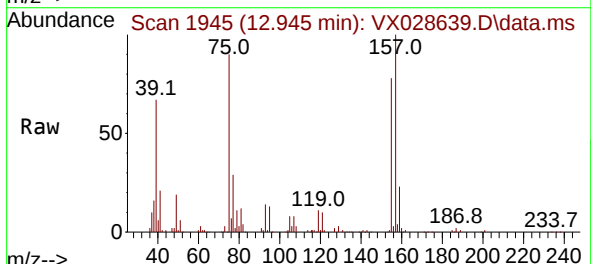
Tgt Ion:146 Resp: 329668
Ion Ratio Lower Upper
146 100
111 42.5 21.0 63.0
148 62.9 32.6 97.7

Manual Integrations
APPROVED

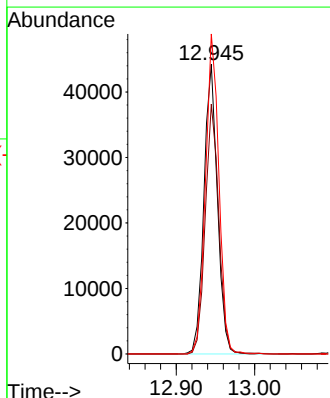
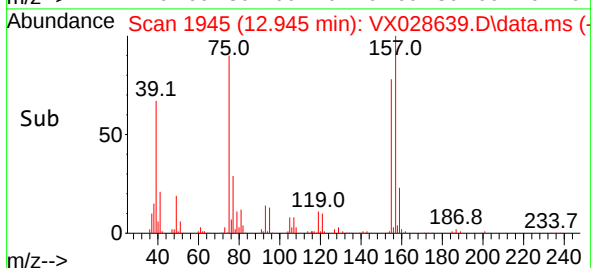
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

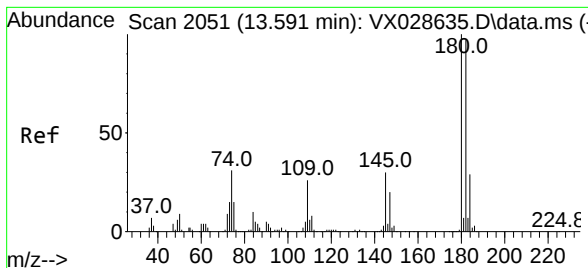


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.171 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17



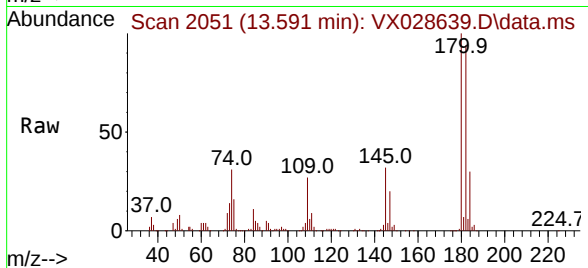
Tgt Ion: 75 Resp: 52909
Ion Ratio Lower Upper
75 100
155 86.3 47.0 141.2
157 110.0 57.9 173.6





#93
1,2,4-Trichlorobenzene
Concen: 53.049 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

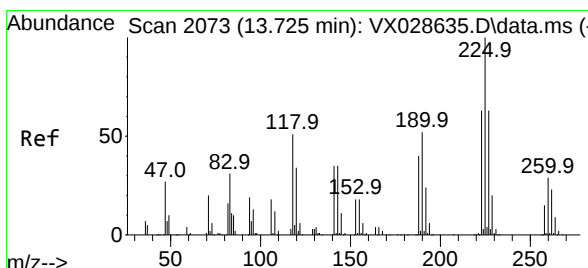
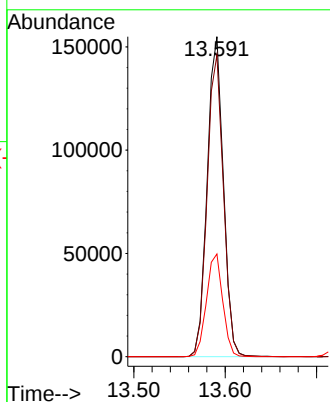
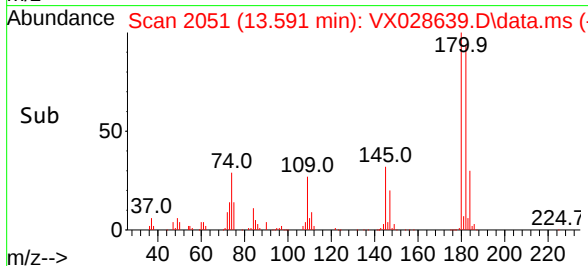
Instrument :
MSVOA_X
ClientSampleId :
ICVVX051222



Tgt Ion:180 Resp: 189750
Ion Ratio Lower Upper
180 100
182 95.1 47.7 143.1
145 32.3 15.2 45.5

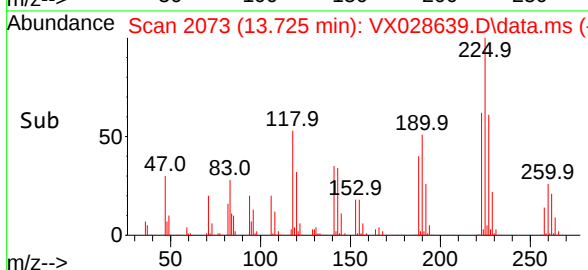
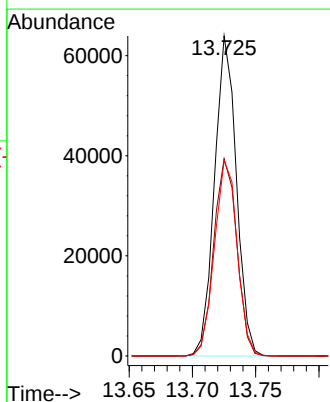
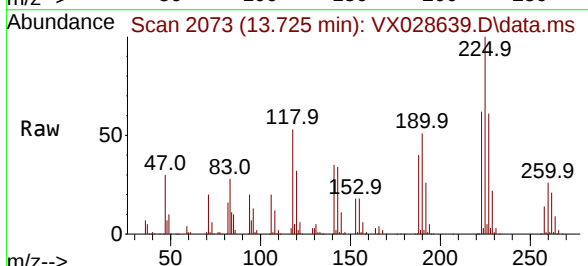
Manual Integrations
APPROVED

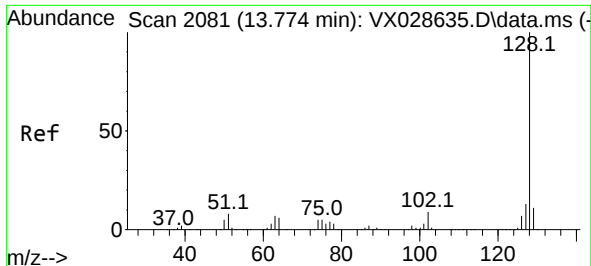
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#94
Hexachlorobutadiene
Concen: 52.800 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

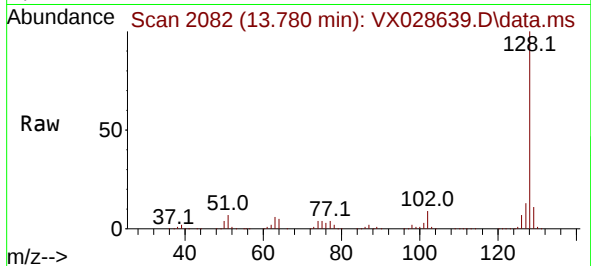
Tgt Ion:225 Resp: 76727
Ion Ratio Lower Upper
225 100
223 64.8 34.2 102.5
227 63.6 33.9 101.7





#95
Naphthalene
Concen: 54.980 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

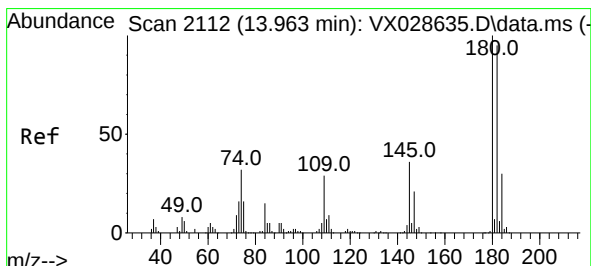
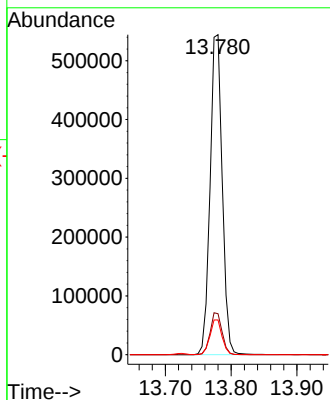
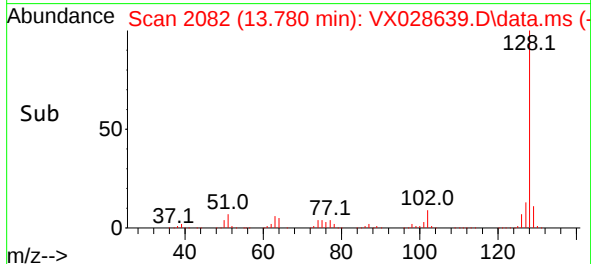
Instrument :
MSVOA_X
ClientSampleId :
ICVX051222



Tgt Ion:128 Resp: 699829
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#96
1,2,3-Trichlorobenzene
Concen: 52.959 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX028639.D
Acq: 12 May 2022 15:17

Tgt Ion:180 Resp: 190262
Ion Ratio Lower Upper
180 100
182 94.6 50.0 149.8
145 33.6 16.2 48.5

