

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022577.D
 Acq On : 08 Jun 2021 20:26
 Operator : JC/MD
 Sample : M2625-23
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 09 04:02:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

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

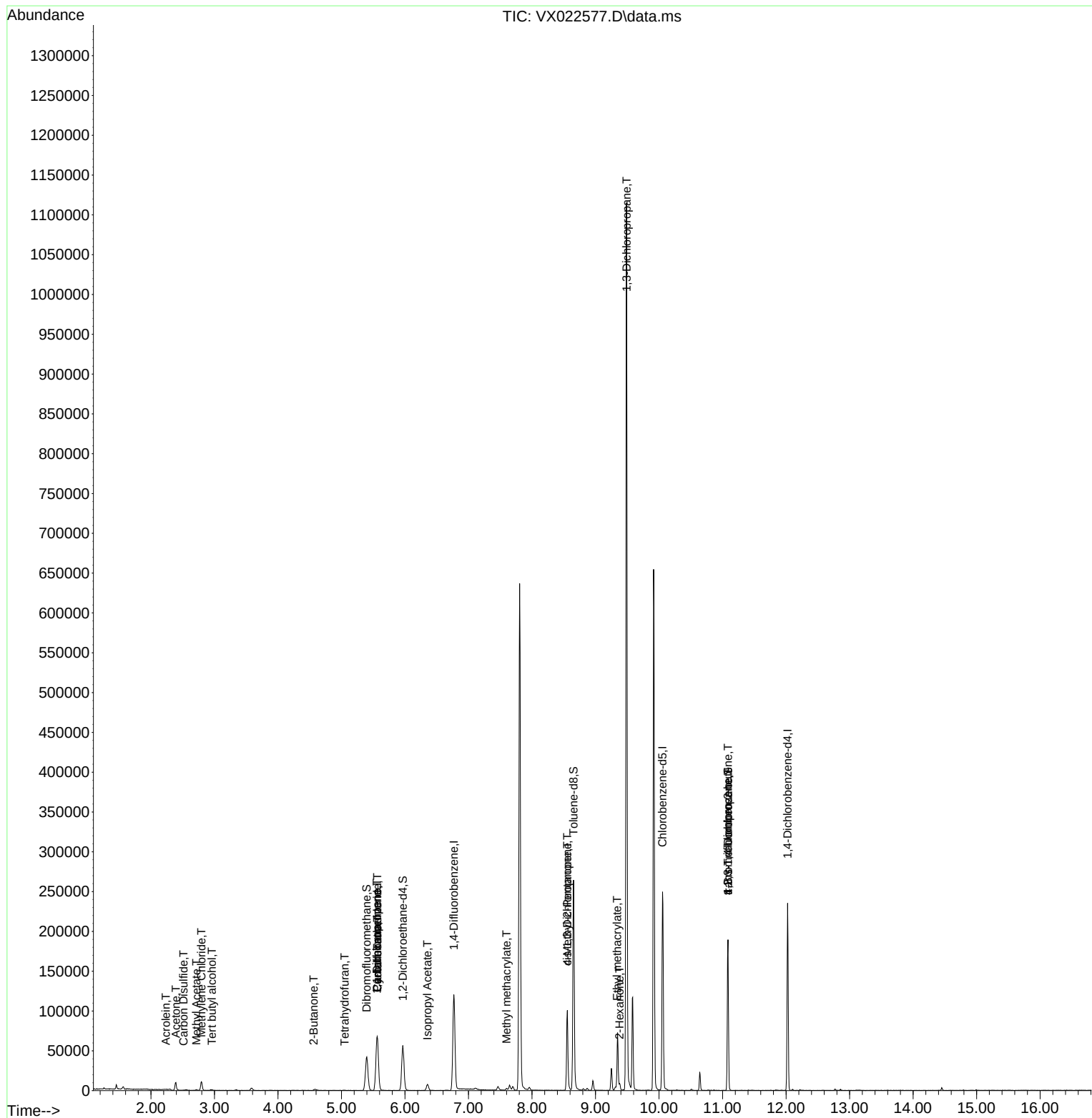
Internal Standards						
1) Pentafluorobenzene	5.562	168	58525	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	118339	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	108362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	49597	47.670	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.340%
35) Dibromofluoromethane	5.397	113	35923	48.518	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.040%
50) Toluene-d8	8.653	98	147967	50.086	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.180%
62) 4-Bromofluorobenzene	11.085	95	51152	46.583	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.160%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.959	59	806	3.454	ug/l	# 73
13) Acrolein	2.233	56	188	4.787	ug/l	# 82
16) Acetone	2.392	43	10644	22.768	ug/l	92
17) Carbon Disulfide	2.514	76	243	3.506	ug/l	# 75
18) Methyl Acetate	2.715	43	1482	1.149	ug/l	# 72
20) Methylene Chloride	2.794	84	4429	4.537	ug/l	# 85
25) 2-Butanone	4.562	43	767	0.993	ug/l	# 81
29) Tetrahydrofuran	5.050	42	368	0.812	ug/l	# 32
31) Cyclohexane	5.562	56	1745	1.418	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	5861	5.120	ug/l	# 46
38) Carbon Tetrachloride	5.562	117	6986	8.375	ug/l	# 18
43) Isopropyl Acetate	6.354	43	9834	4.129	ug/l	# 94
48) Methyl methacrylate	7.598	41	3381	3.050	ug/l	# 10
51) 4-Methyl-2-Pentanone	8.555	43	34520	23.263	ug/l	# 44
54) cis-1,3-Dichloropropene	8.555	75	16275	12.470	ug/l	# 65
56) Ethyl methacrylate	9.342	69	303	2.879	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	9216	5.897	ug/l	# 42
59) 2-Hexanone	9.378	43	3990	3.520	ug/l	# 19
76) 1,2,3-Trichloropropane	11.085	75	27865	25.761	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	27865	63.572	ug/l	# 12

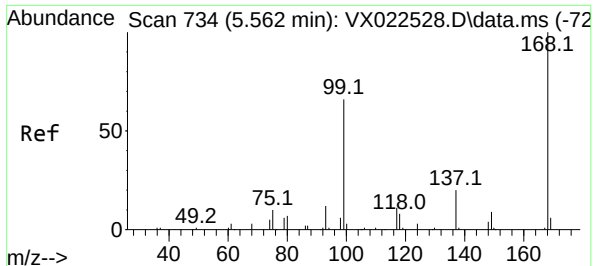
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Jun 09 04:02:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 07 14:27:50 2021
Response via : Initial Calibration

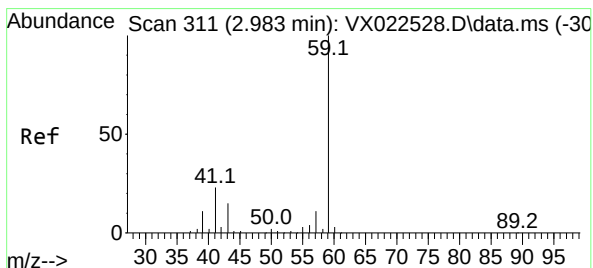
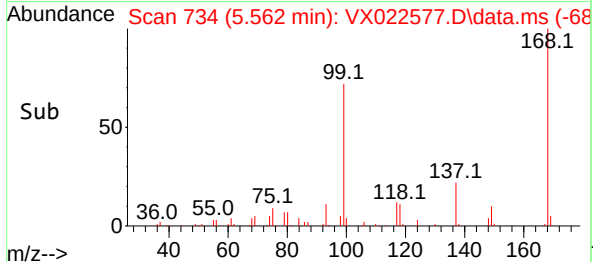
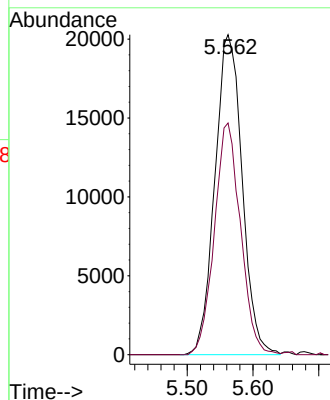
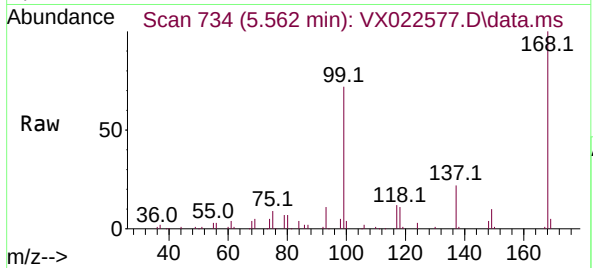




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022577.D
Acq: 08 Jun 2021 20:26

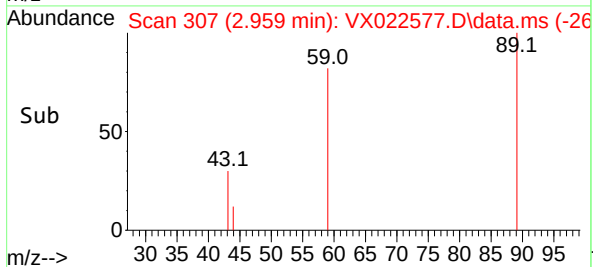
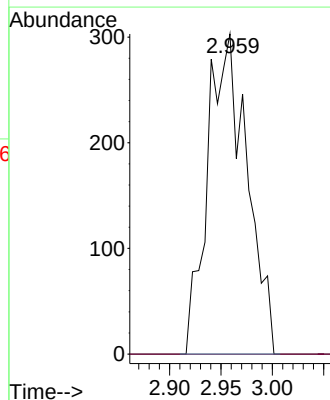
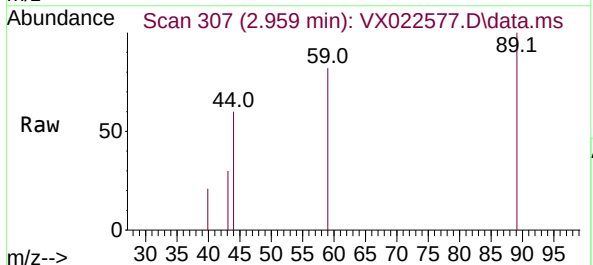
Instrument :
MSVOA_X
ClientSampled :

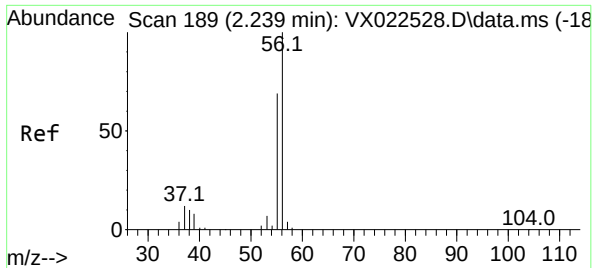
Tgt Ion:168 Resp: 58525
Ion Ratio Lower Upper
168 100
99 72.4 45.8 68.6#



#11
Tert butyl alcohol
Concen: 3.454 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX022577.D
Acq: 08 Jun 2021 20:26

Tgt Ion: 59 Resp: 806
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

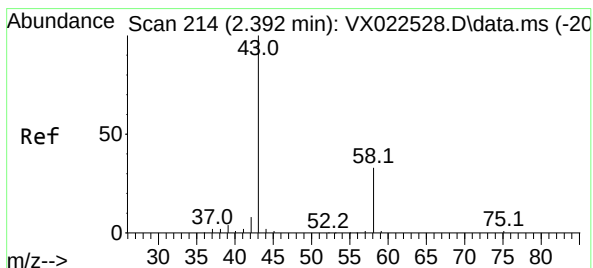
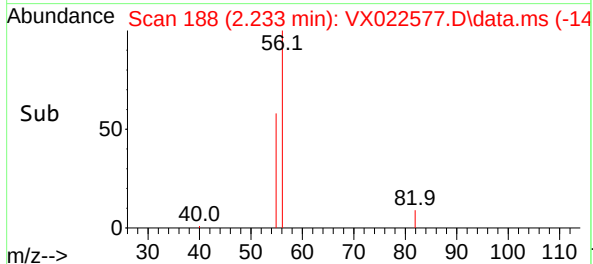
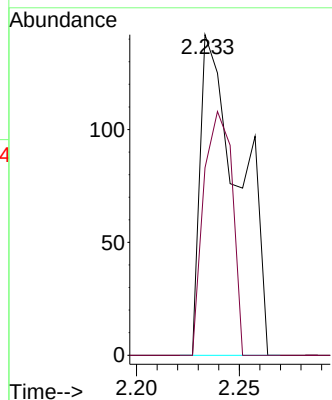
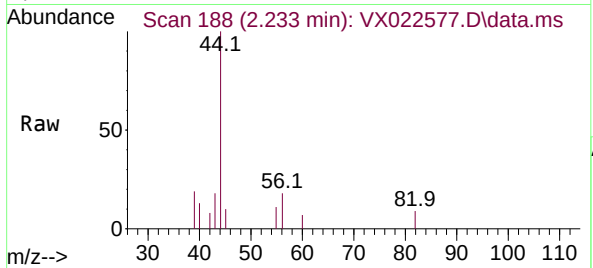




#13
Acrolein
Concen: 4.787 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX022577.D
Acq: 08 Jun 2021 20:26

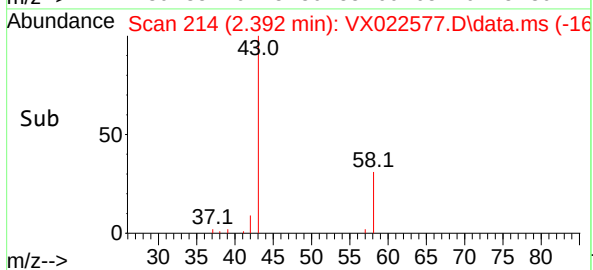
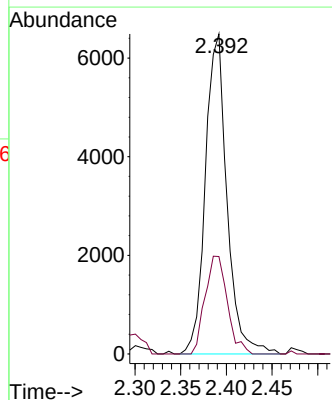
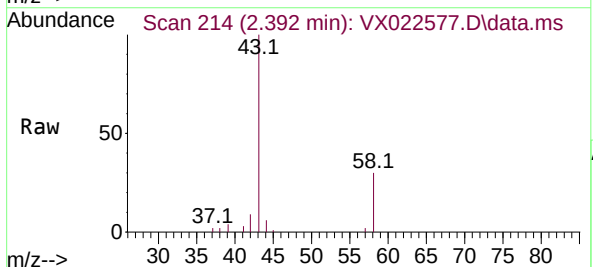
Instrument :
MSVOA_X
ClientSampled :

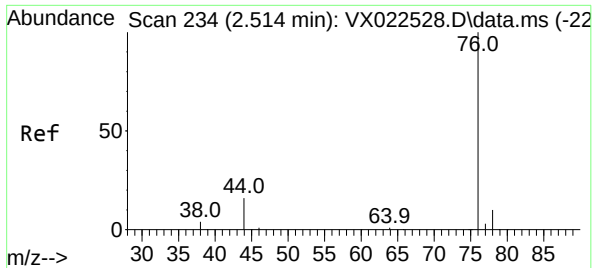
Tgt Ion: 56 Resp: 188
Ion Ratio Lower Upper
56 100
55 55.3 56.4 84.6#



#16
Acetone
Concen: 22.768 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022577.D
Acq: 08 Jun 2021 20:26

Tgt Ion: 43 Resp: 10644
Ion Ratio Lower Upper
43 100
58 30.5 27.8 41.8

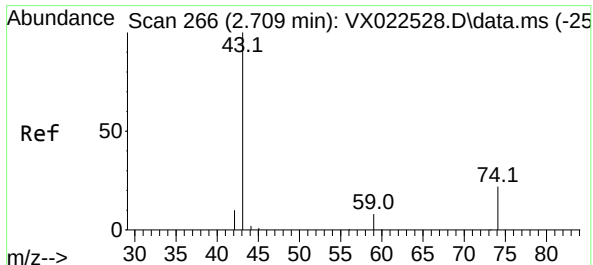
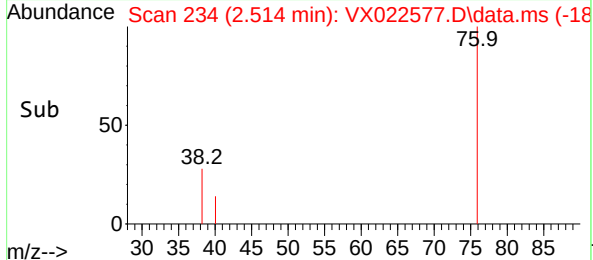
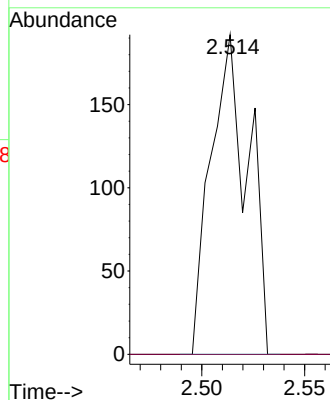
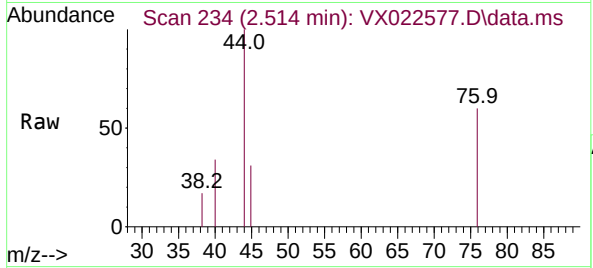




#17
Carbon Disulfide
Concen: 3.506 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022577.D
Acq: 08 Jun 2021 20:26

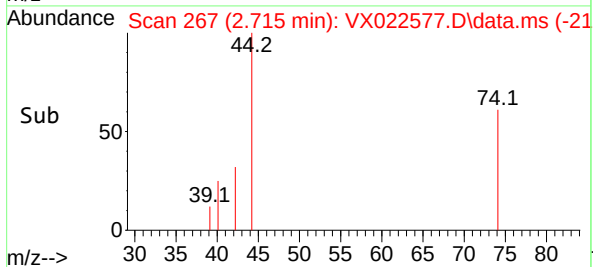
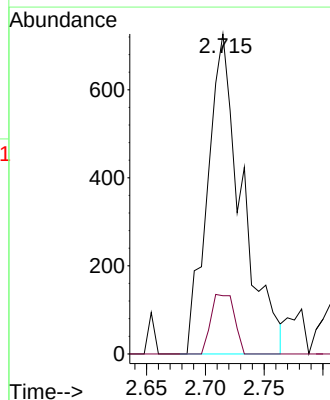
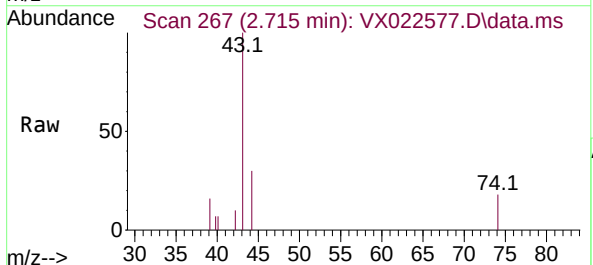
Instrument :
MSVOA_X
ClientSampled :

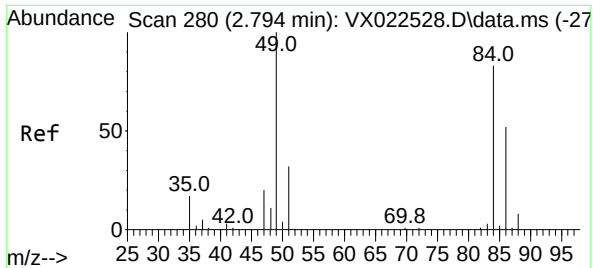
Tgt Ion: 76 Resp: 243
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 1.149 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022577.D
Acq: 08 Jun 2021 20:26

Tgt Ion: 43 Resp: 1482
Ion Ratio Lower Upper
43 100
74 12.6 21.9 32.9#

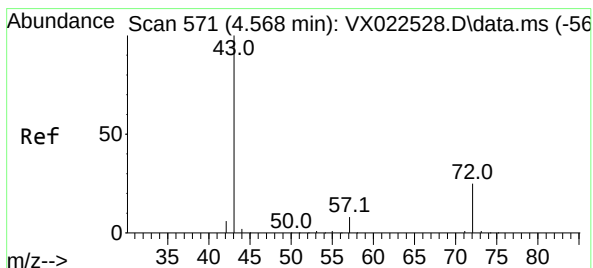
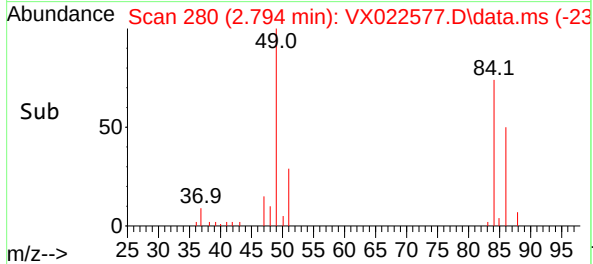
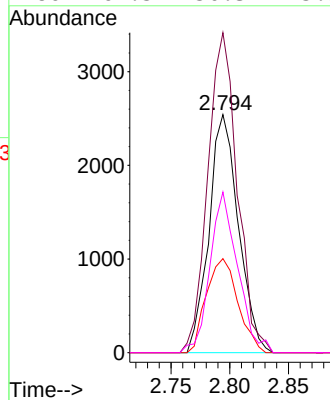
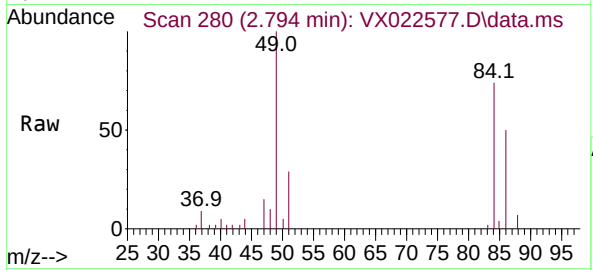




#20
Methylene Chloride
Concen: 4.537 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022577.D
Acq: 08 Jun 2021 20:26

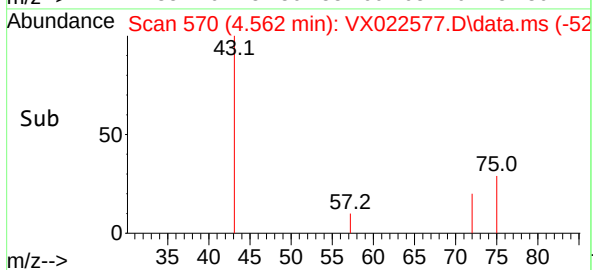
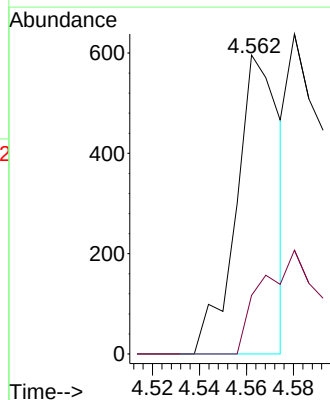
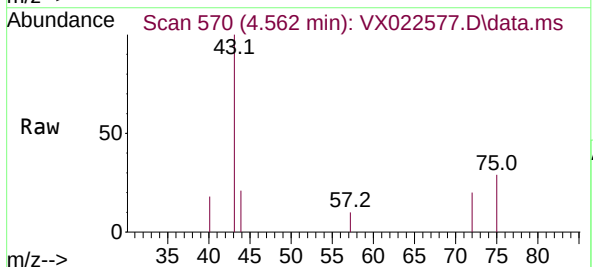
Instrument :
MSVOA_X
ClientSampleId :

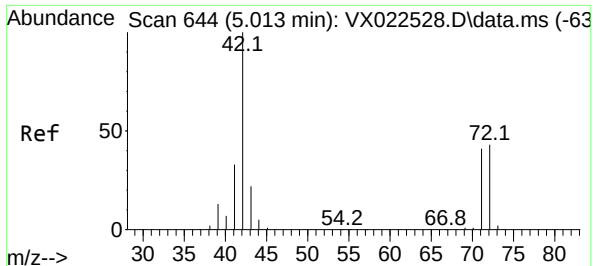
Tgt Ion:	84	Resp:	4429
Ion	Ratio	Lower	Upper
84	100		
49	134.4	88.6	132.8#
51	39.6	27.0	40.6
86	67.5	50.3	75.5



#25
2-Butanone
Concen: 0.993 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX022577.D
Acq: 08 Jun 2021 20:26

Tgt Ion:	43	Resp:	767
Ion	Ratio	Lower	Upper
43	100		
72	19.6	23.7	35.5#





#29

Tetrahydrofuran

Concen: 0.812 ug/l

RT: 5.050 min Scan# 650

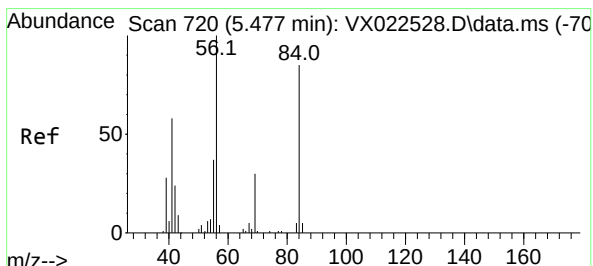
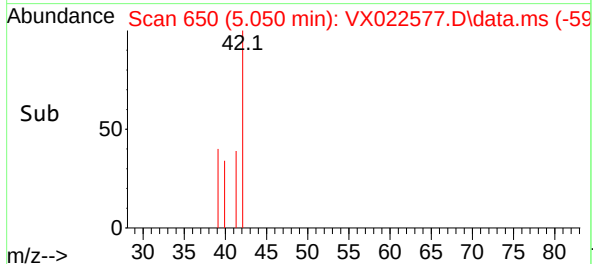
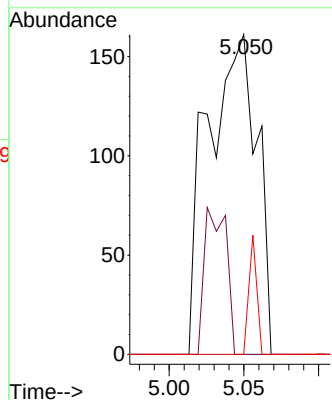
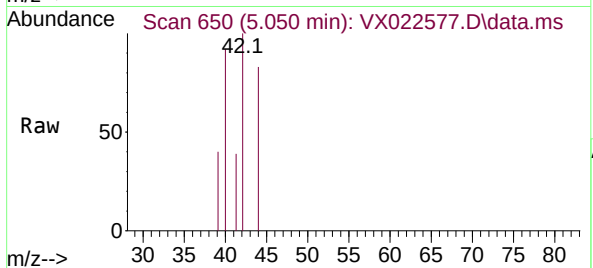
Delta R.T. 0.037 min

Lab File: VX022577.D

Acq: 08 Jun 2021 20:26

Tgt Ion:	42	Resp:	368
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	6.0	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.418 ug/l

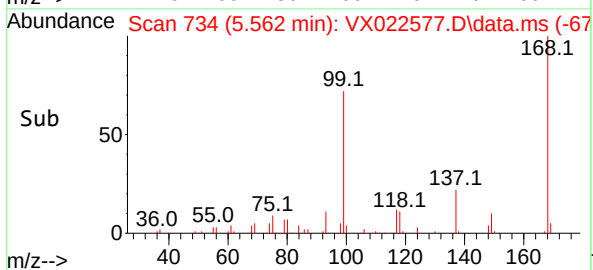
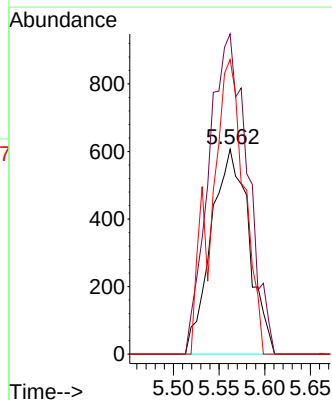
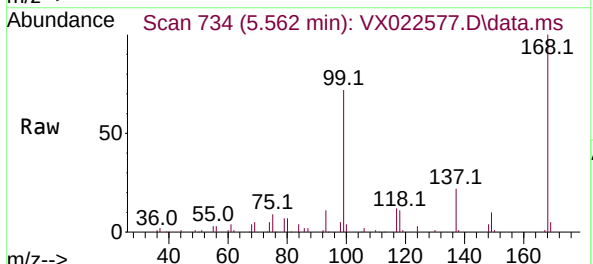
RT: 5.562 min Scan# 734

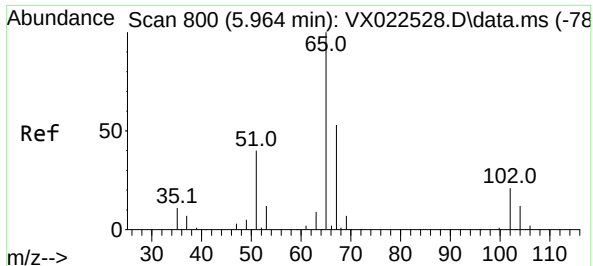
Delta R.T. 0.085 min

Lab File: VX022577.D

Acq: 08 Jun 2021 20:26

Tgt Ion:	56	Resp:	1745
Ion	Ratio	Lower	Upper
56	100		
69	156.2	25.3	37.9#
84	143.7	71.4	107.0#



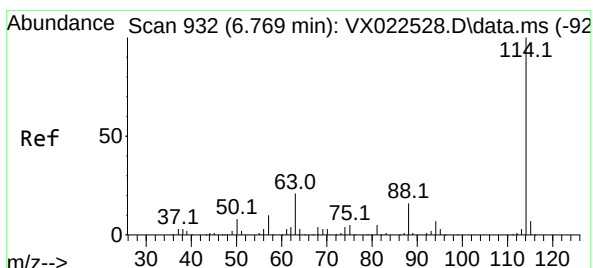
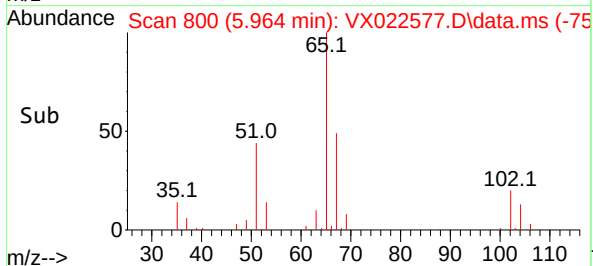
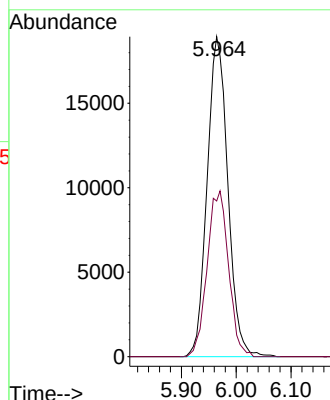
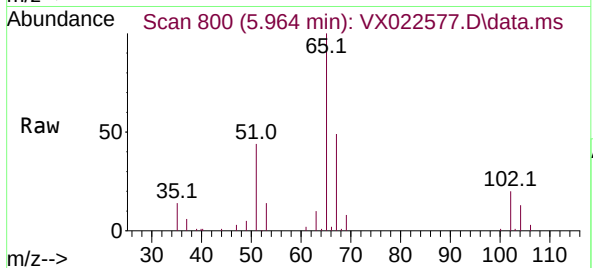


#33

1,2-Dichloroethane-d4
Concen: 47.670 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022577.D
Acq: 08 Jun 2021 20:26

Instrument :
MSVOA_X
ClientSampled :

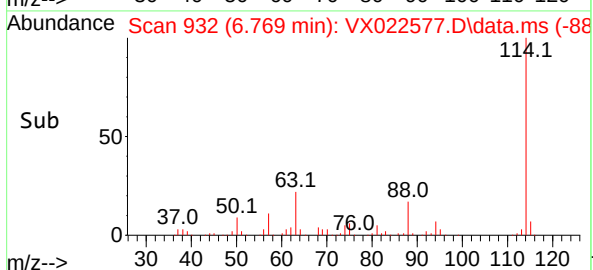
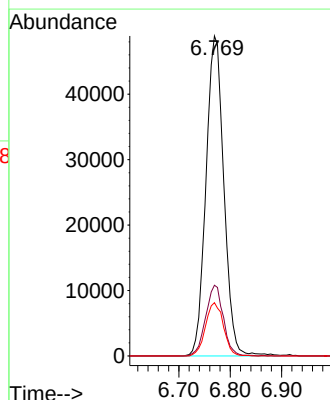
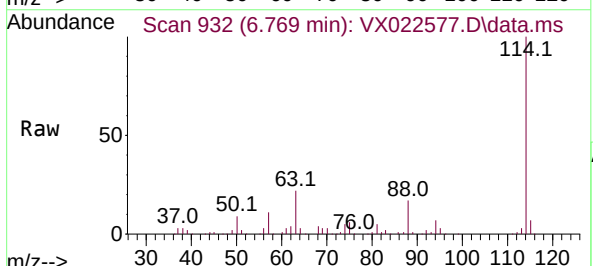
Tgt Ion: 65 Resp: 49597
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.4

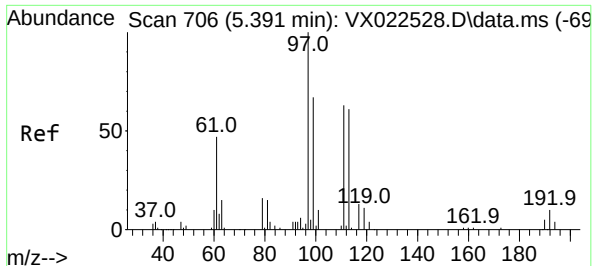


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022577.D
Acq: 08 Jun 2021 20:26

Tgt Ion: 114 Resp: 118339
Ion Ratio Lower Upper
114 100
63 22.1 0.0 40.8
88 16.7 0.0 32.8

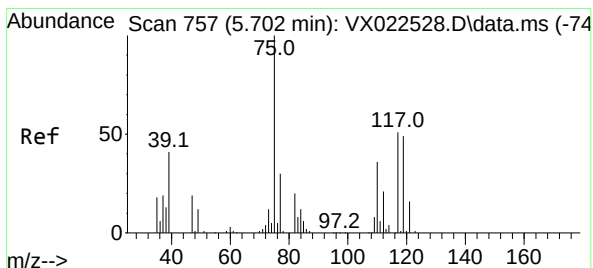
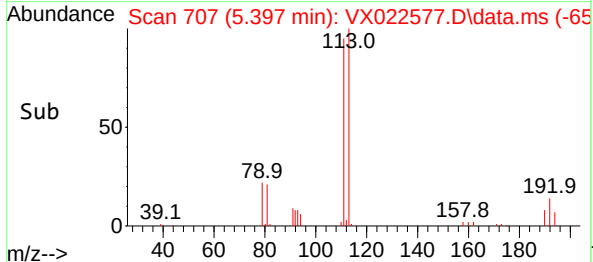
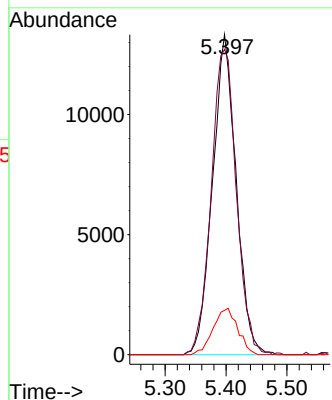
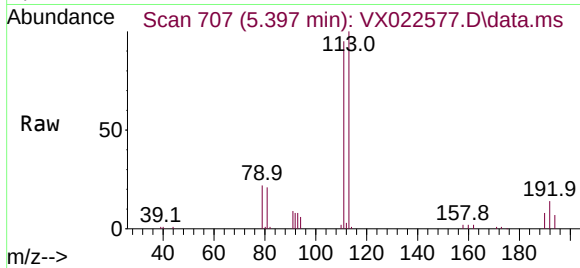




#35
Dibromofluoromethane
Concen: 48.518 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022577.D
Acq: 08 Jun 2021 20:26

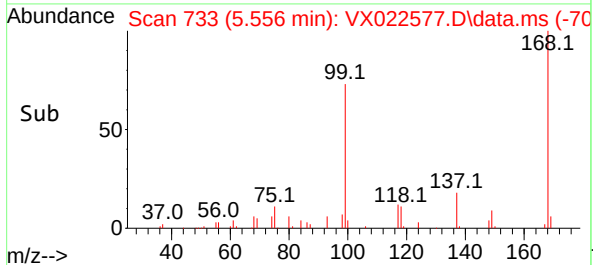
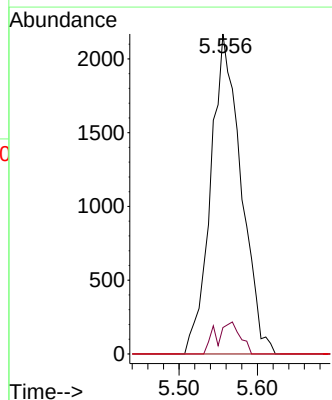
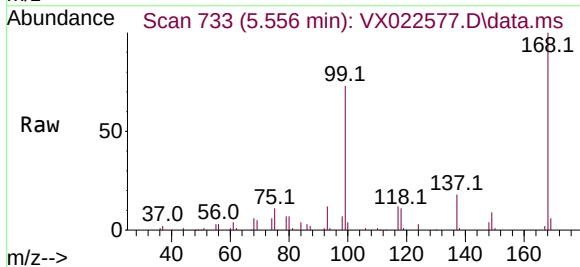
Instrument :
MSVOA_X
ClientSampled :

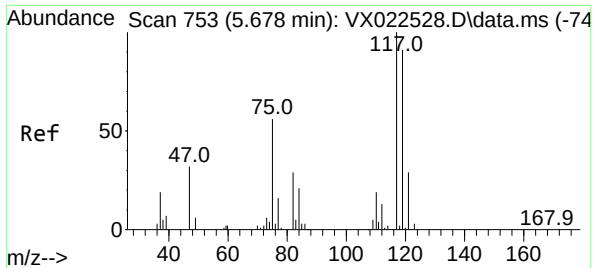
Tgt Ion:113 Resp: 35923
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 15.1 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 5.120 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022577.D
Acq: 08 Jun 2021 20:26

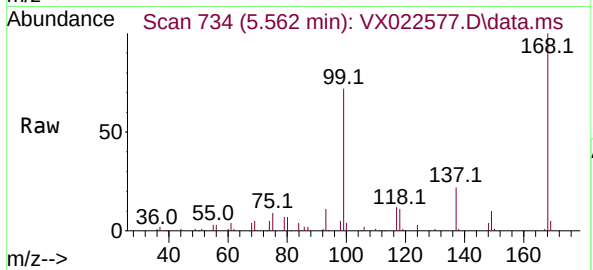
Tgt Ion: 75 Resp: 5861
Ion Ratio Lower Upper
75 100
110 5.8 18.1 54.4#
77 0.0 25.3 37.9#



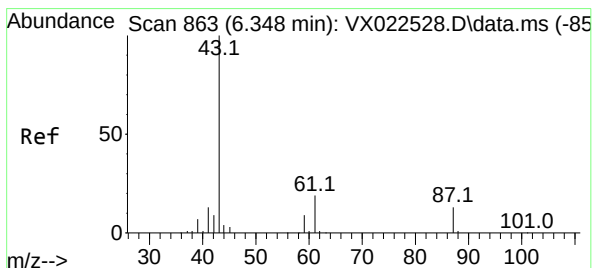
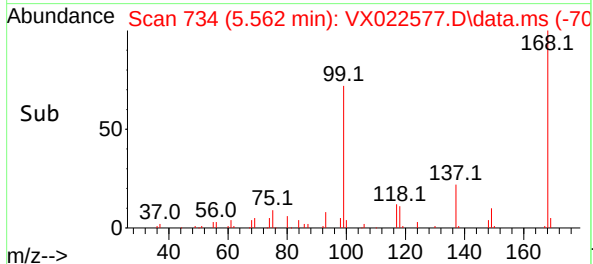
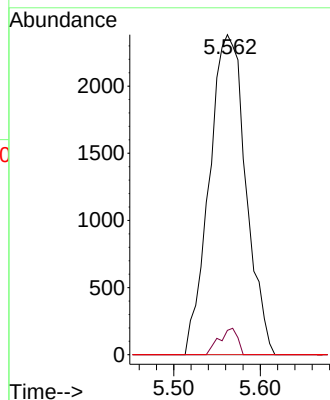


#38
Carbon Tetrachloride
Concen: 8.375 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022577.D
Acq: 08 Jun 2021 20:26

Instrument :
MSVOA_X
ClientSampled :

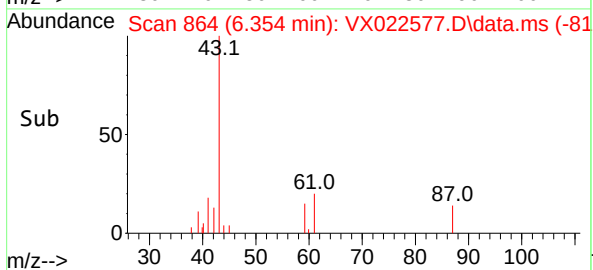
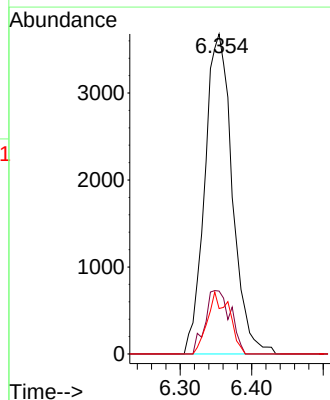
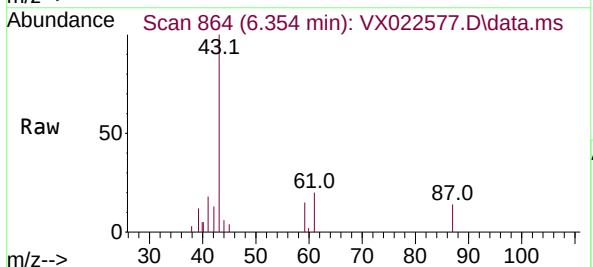


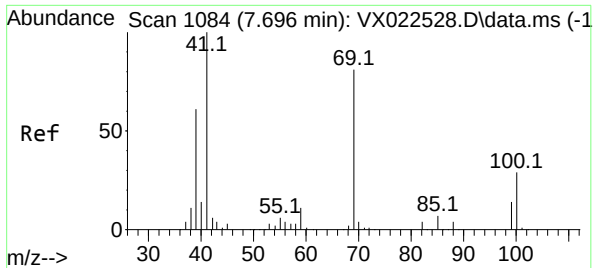
Tgt Ion:117 Resp: 6986
Ion Ratio Lower Upper
117 100
119 7.6 76.2 114.2#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 4.129 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX022577.D
Acq: 08 Jun 2021 20:26

Tgt Ion: 43 Resp: 9834
Ion Ratio Lower Upper
43 100
61 18.2 18.2 27.4#
87 15.2 12.5 18.7





#48

Methyl methacrylate

Concen: 3.050 ug/l

RT: 7.598 min Scan# 1068

Delta R.T. -0.098 min

Lab File: VX022577.D

Acq: 08 Jun 2021 20:26

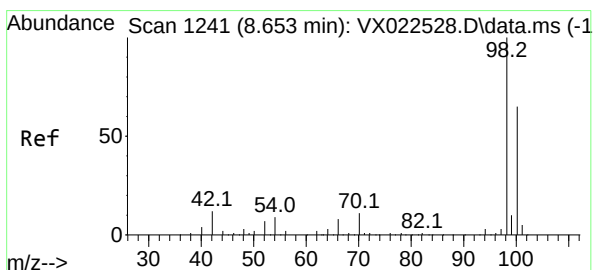
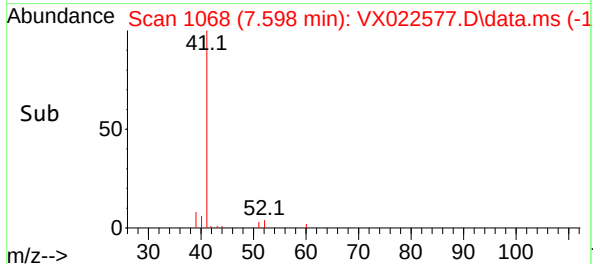
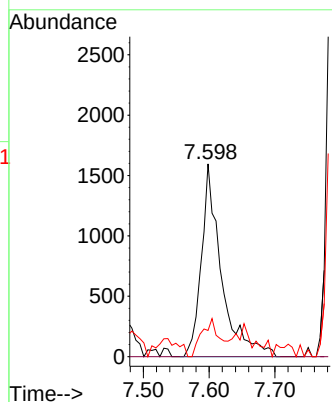
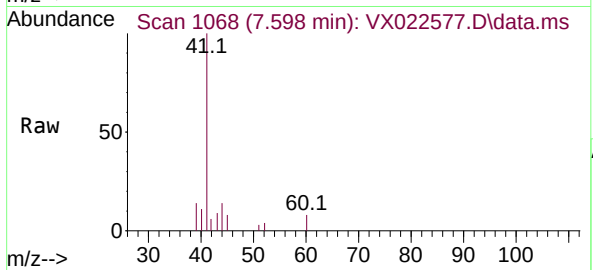
Tgt Ion: 41 Resp: 3381

Ion Ratio Lower Upper

41 100

69 0.0 76.0 114.0#

39 0.0 44.6 67.0#



#50

Toluene-d8

Concen: 50.086 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022577.D

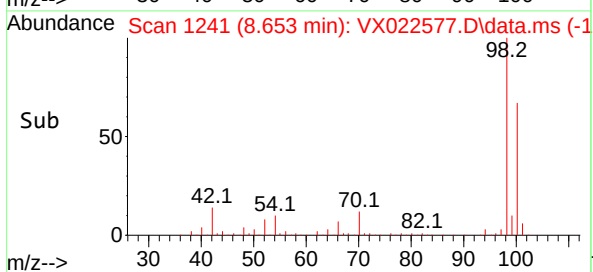
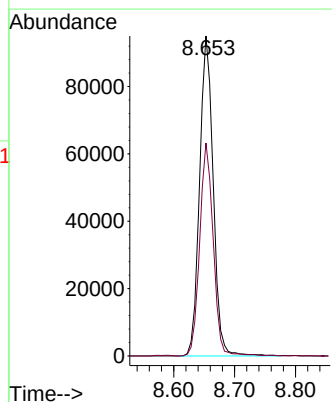
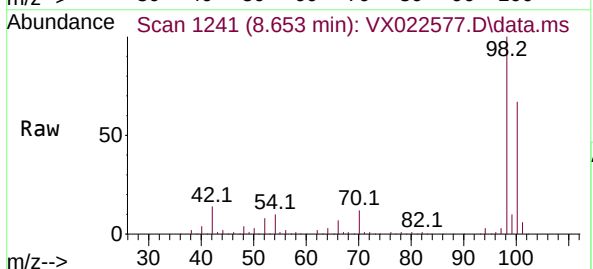
Acq: 08 Jun 2021 20:26

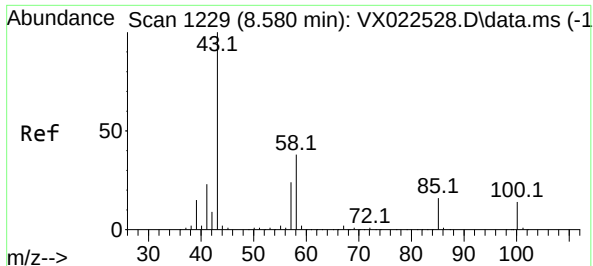
Tgt Ion: 98 Resp: 147967

Ion Ratio Lower Upper

98 100

100 66.1 51.9 77.9

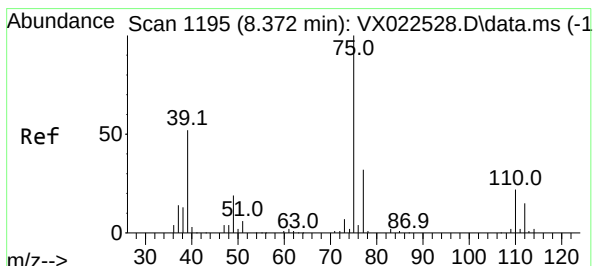
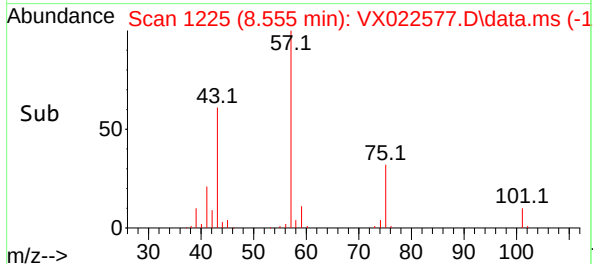
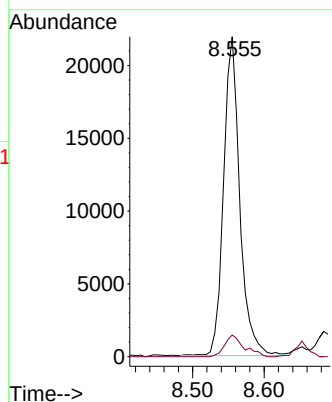
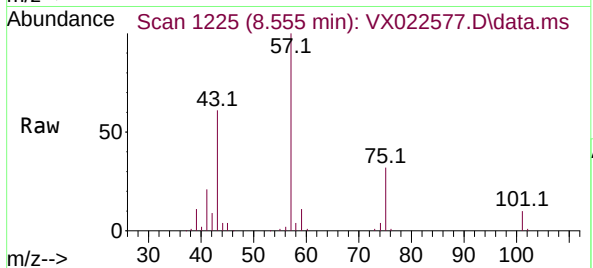




#51
4-Methyl-2-Pentanone
Concen: 23.263 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022577.D
Acq: 08 Jun 2021 20:26

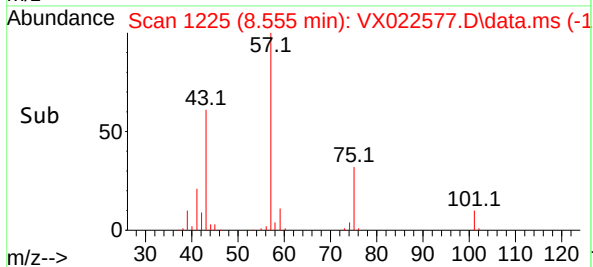
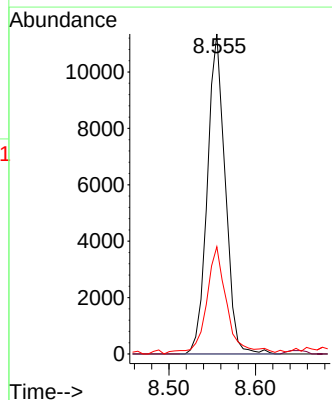
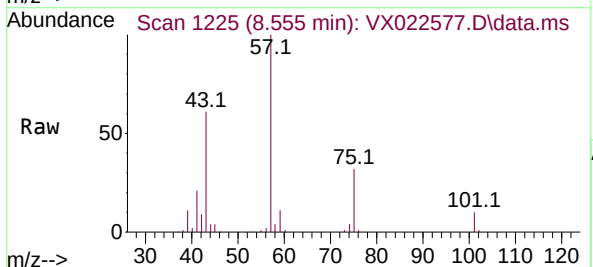
Instrument :
MSVOA_X
ClientSampled :

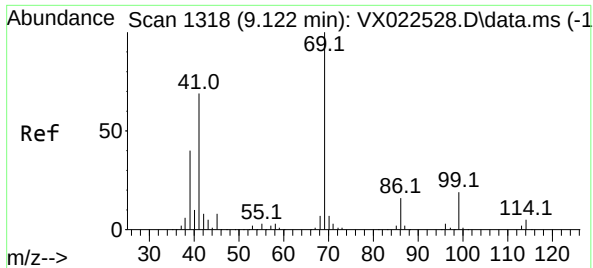
Tgt Ion: 43 Resp: 34520
Ion Ratio Lower Upper
43 100
58 8.1 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 12.470 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX022577.D
Acq: 08 Jun 2021 20:26

Tgt Ion: 75 Resp: 16275
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 32.4 35.1 52.7#

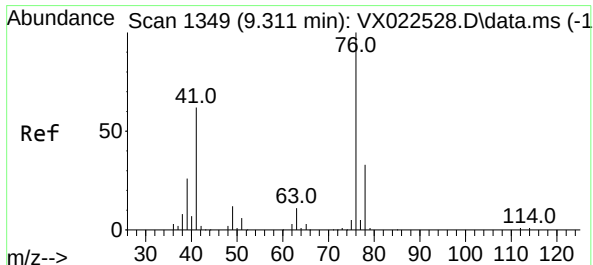
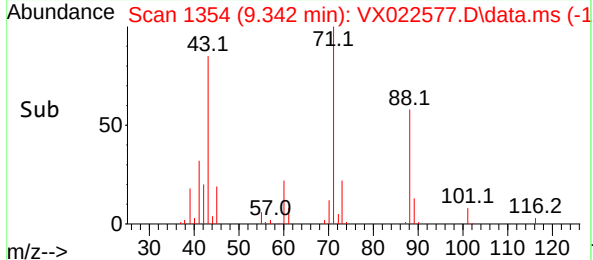
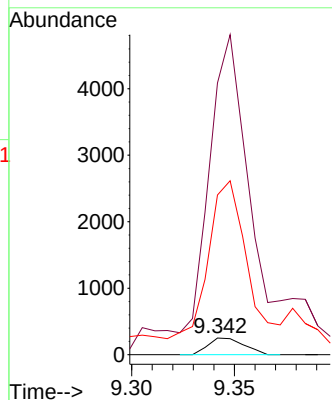
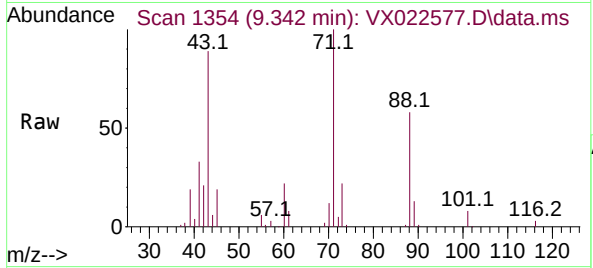




#56
Ethyl methacrylate
Concen: 2.879 ug/l
RT: 9.342 min Scan# 1354
Delta R.T. 0.220 min
Lab File: VX022577.D
Acq: 08 Jun 2021 20:26

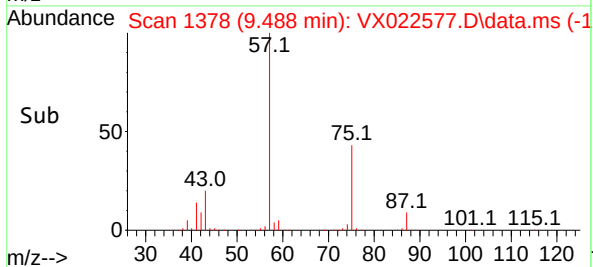
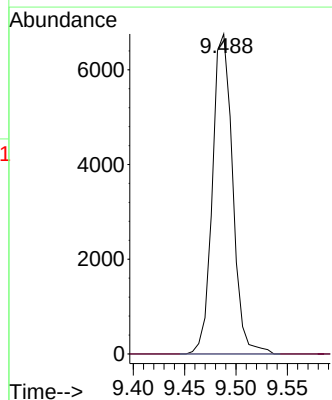
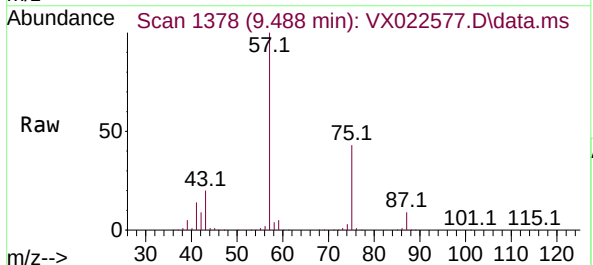
Instrument :
MSVOA_X
ClientSampled :

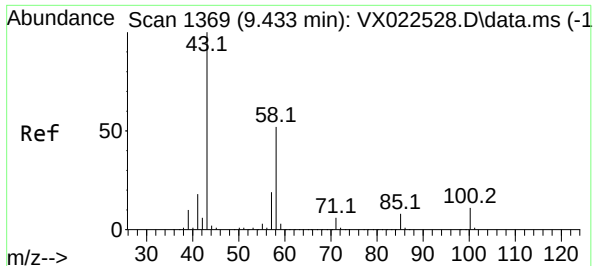
Tgt Ion: 69 Resp: 303
Ion Ratio Lower Upper
69 100
41 2409.6 46.8 70.2#
39 985.1 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 5.897 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022577.D
Acq: 08 Jun 2021 20:26

Tgt Ion: 76 Resp: 9216
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

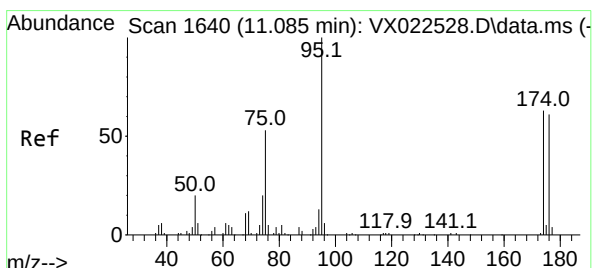
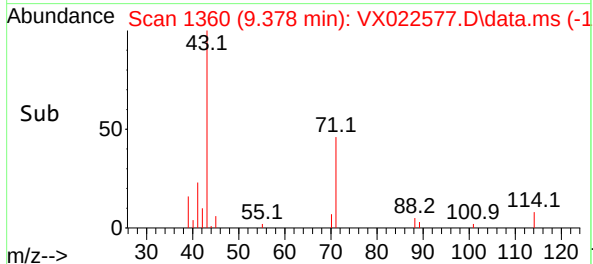
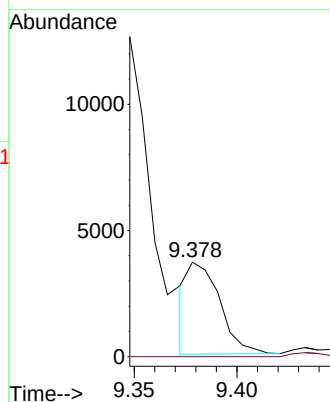
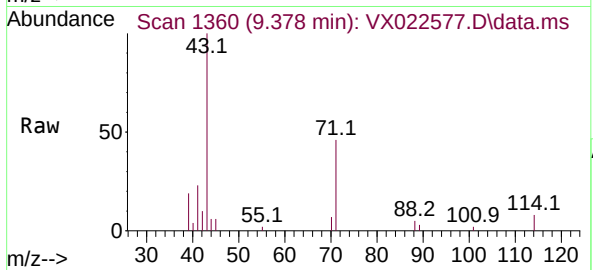




#59
2-Hexanone
Concen: 3.520 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX022577.D
Acq: 08 Jun 2021 20:26

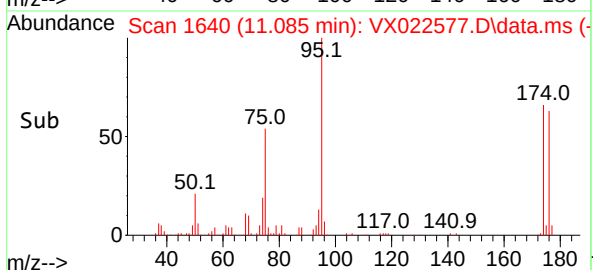
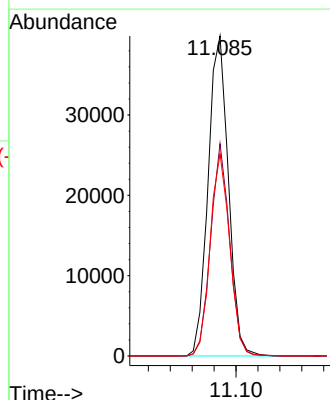
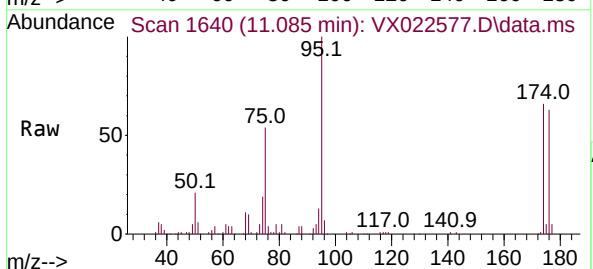
Instrument :
MSVOA_X
ClientSampled :

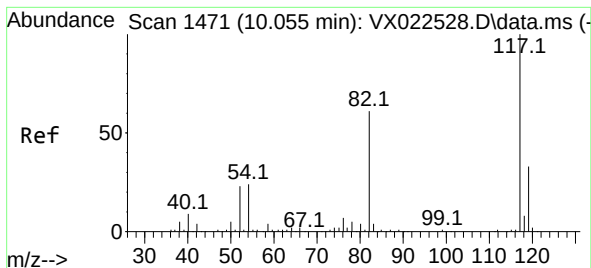
Tgt Ion: 43 Resp: 3990
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 46.583 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022577.D
Acq: 08 Jun 2021 20:26

Tgt Ion: 95 Resp: 51152
Ion Ratio Lower Upper
95 100
174 62.1 0.0 154.6
176 61.0 0.0 155.8

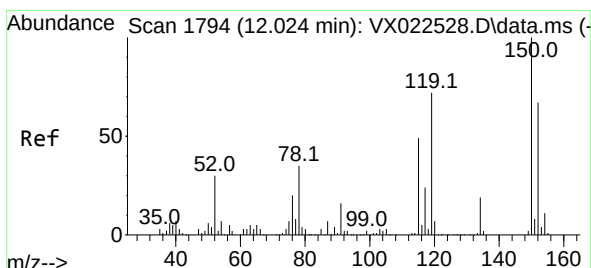
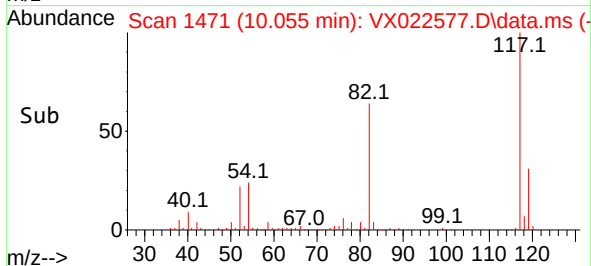
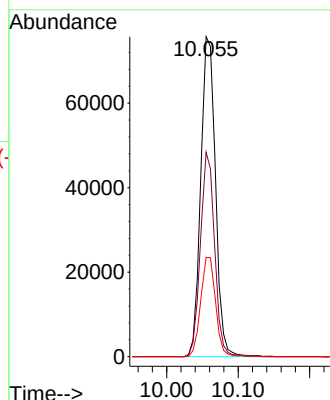
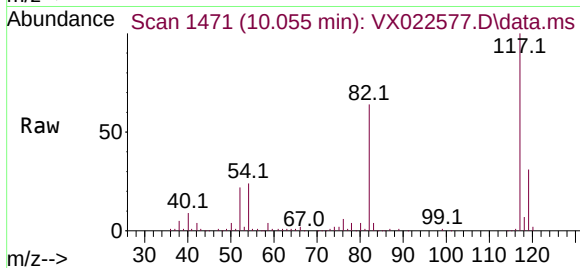




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022577.D
Acq: 08 Jun 2021 20:26

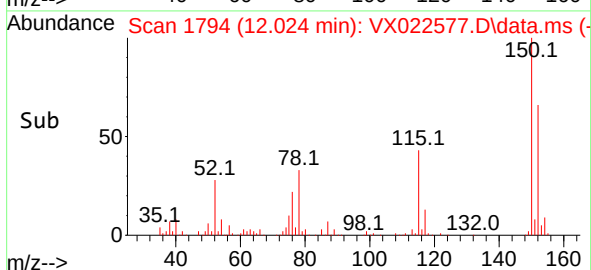
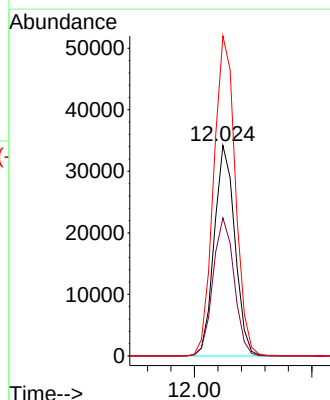
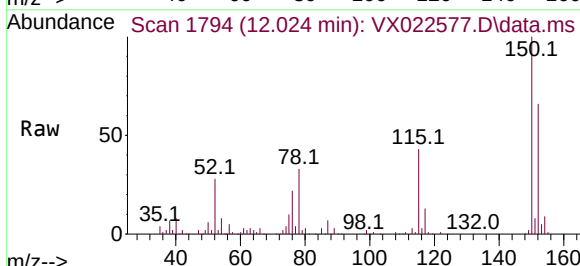
Instrument :
MSVOA_X
ClientSampleId :

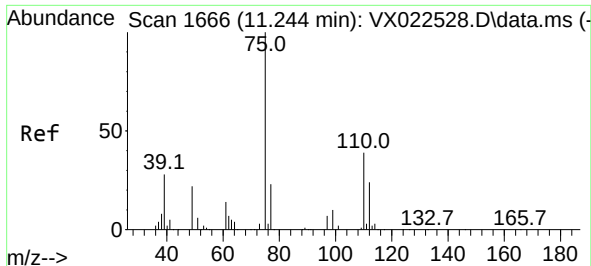
Tgt Ion:117 Resp: 108362
Ion Ratio Lower Upper
117 100
82 63.9 47.4 71.2
119 31.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022577.D
Acq: 08 Jun 2021 20:26

Tgt Ion:152 Resp: 41754
Ion Ratio Lower Upper
152 100
115 67.1 41.1 123.3
150 159.4 0.0 349.0

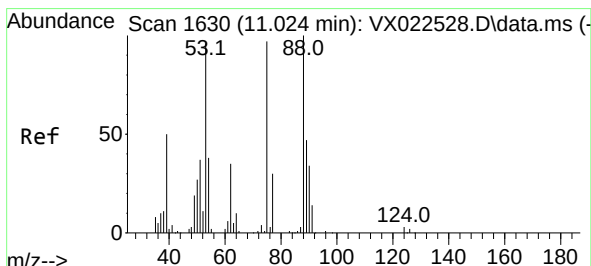
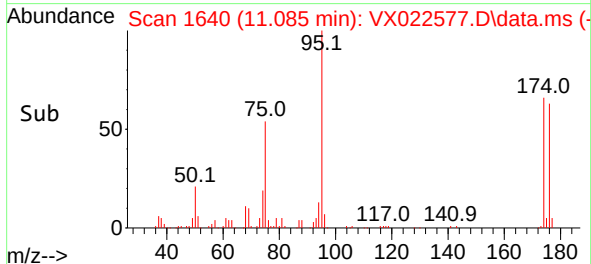
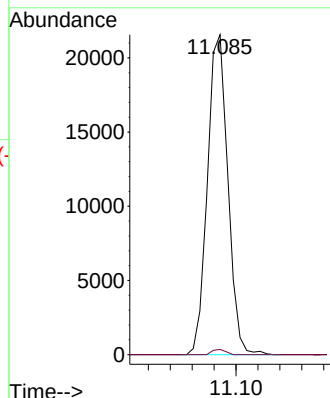
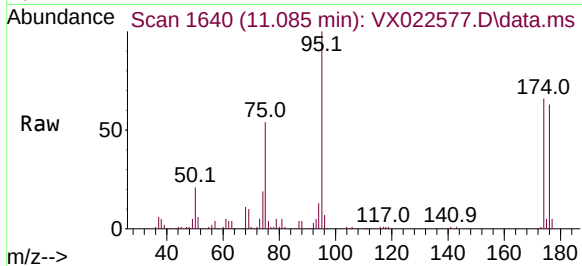




#76
1,2,3-Trichloropropane
Concen: 25.761 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022577.D
Acq: 08 Jun 2021 20:26

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 27865
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.572 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022577.D
Acq: 08 Jun 2021 20:26

Tgt Ion: 75 Resp: 27865
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

