

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061421\
 Data File : VX022695.D
 Acq On : 14 Jun 2021 15:52
 Operator : JC/MD
 Sample : M2712-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 15 06:13:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

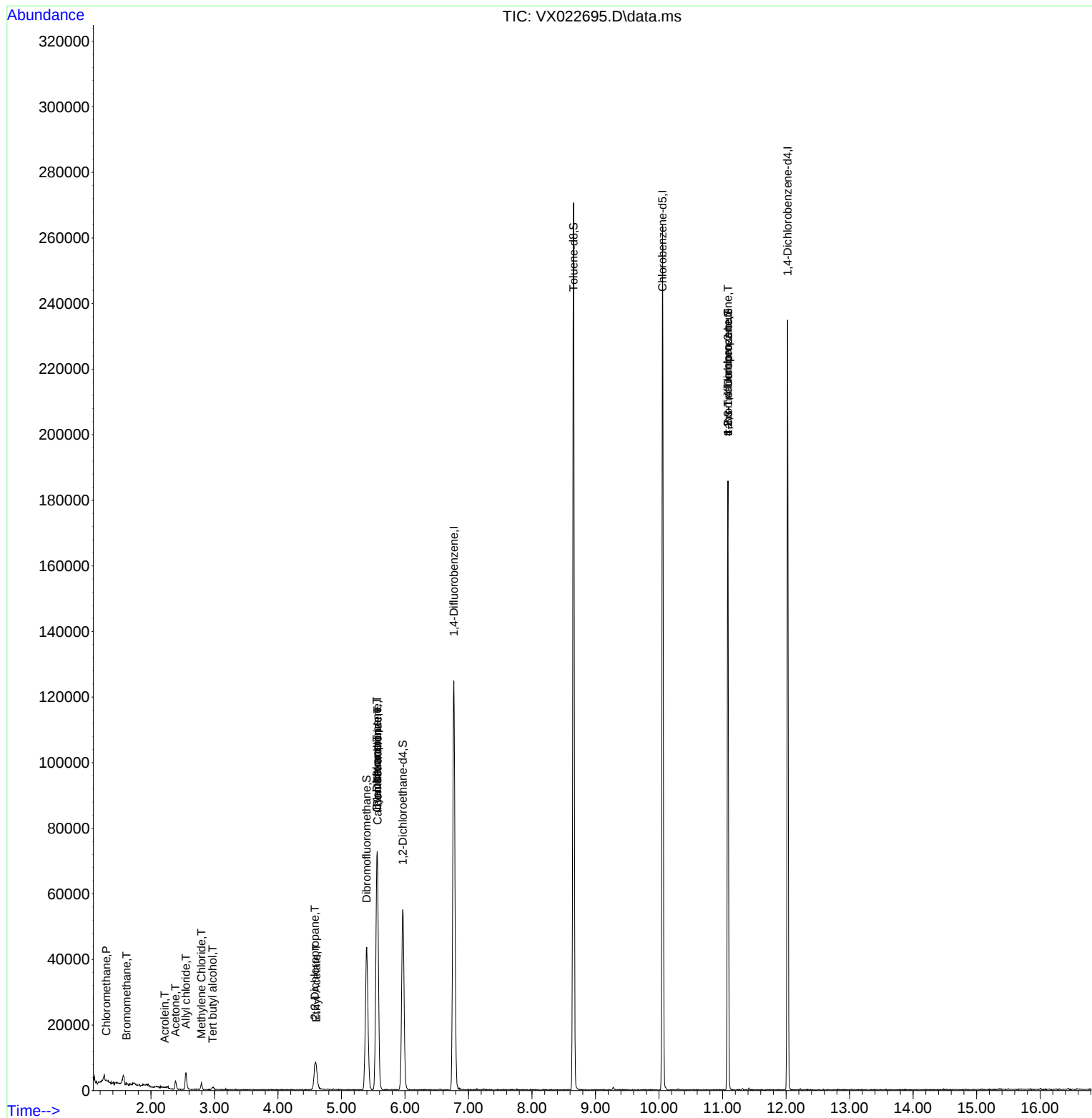
Internal Standards						
1) Pentafluorobenzene	5.562	168	60948	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	122815	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	106897	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	40460	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52129	47.56	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.12%
35) Dibromofluoromethane	5.397	113	36486	46.56	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.12%
50) Toluene-d8	8.653	98	149872	48.52	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.04%
62) 4-Bromofluorobenzene	11.085	95	49901	42.71	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.42%
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	217	0.25	ug/l	# 81
5) Bromomethane	1.617	94	119	0.26	ug/l	90
11) Tert butyl alcohol	2.971	59	741	2.92	ug/l	96
13) Acrolein	2.215	56	56	0.53	ug/l	# 14
14) Allyl chloride	2.550	41	496	0.35	ug/l	# 1
16) Acetone	2.386	43	2568	5.23	ug/l	97
20) Methylene Chloride	2.794	84	741	0.51	ug/l	# 65
26) 2,2-Dichloropropane	4.580	77	717	0.57	ug/l	# 52
31) Cyclohexane	5.556	56	1844	1.39	ug/l	# 46
36) 1,1-Dichloropropene	5.556	75	6590	5.39	ug/l	# 47
37) Ethyl Acetate	4.605	43	369	0.24	ug/l	# 1
38) Carbon Tetrachloride	5.568	117	7208	6.89	ug/l	# 16
76) 1,2,3-Trichloropropane	11.085	75	27159	25.32	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	27159	63.67	ug/l	# 12

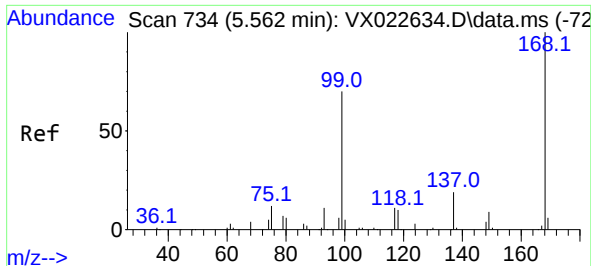
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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Quant Time: Jun 15 06:13:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
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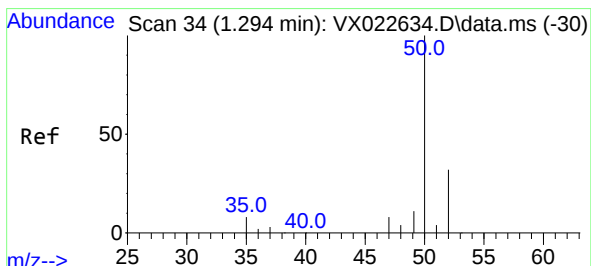
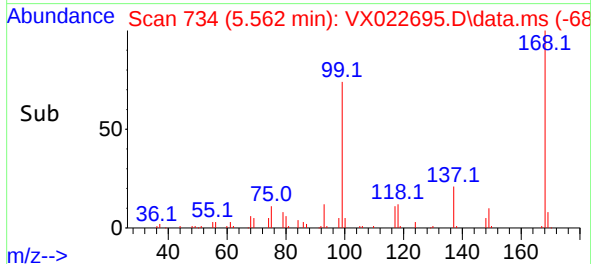
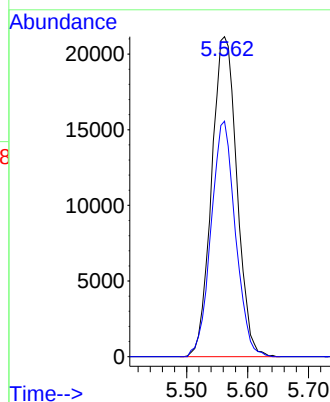
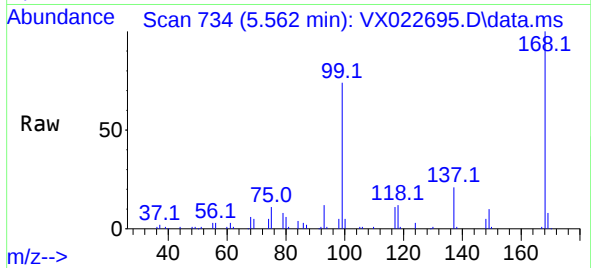




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022695.D
Acq: 14 Jun 2021 15:52

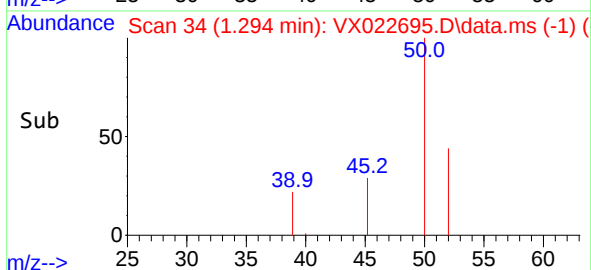
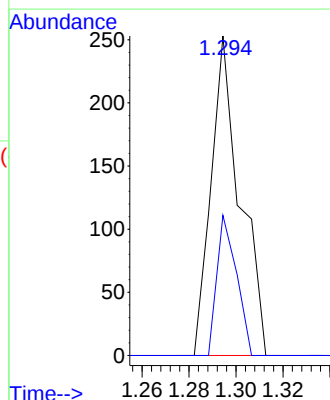
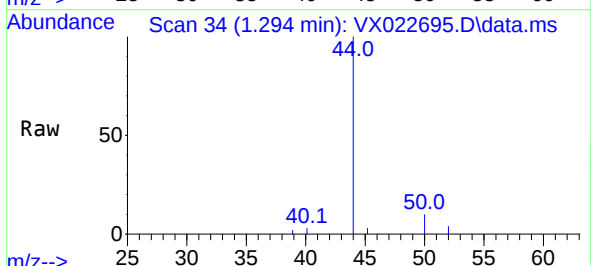
Instrument :
MSVOA_X
ClientSampleId :

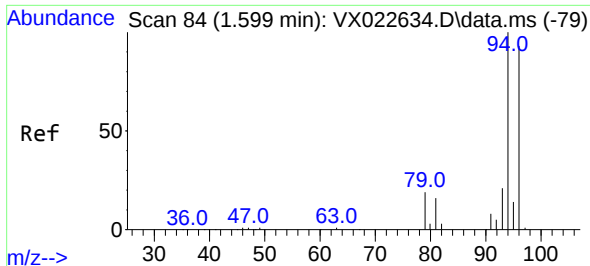
Tgt Ion:168 Resp: 60948
Ion Ratio Lower Upper
168 100
99 73.6 45.8 68.6#



#3
Chloromethane
Concen: 0.25 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX022695.D
Acq: 14 Jun 2021 15:52

Tgt Ion: 50 Resp: 217
Ion Ratio Lower Upper
50 100
52 43.9 26.4 39.6#

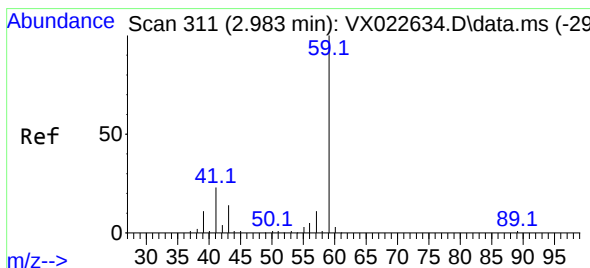
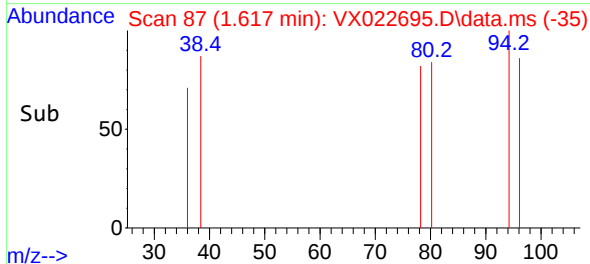
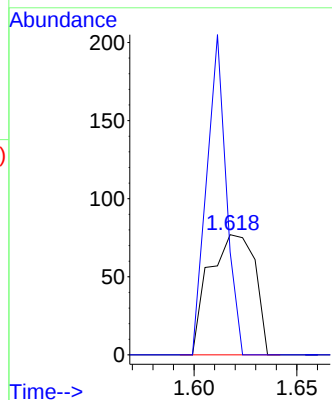
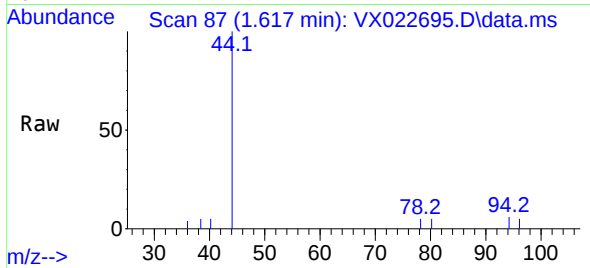




#5
Bromomethane
Concen: 0.26 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX022695.D
Acq: 14 Jun 2021 15:52

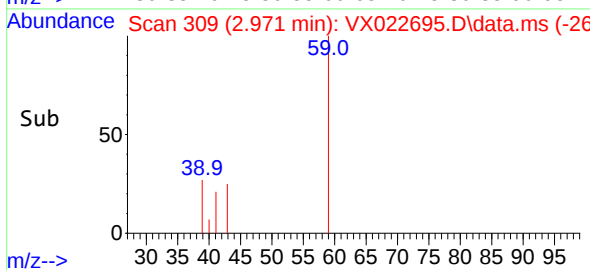
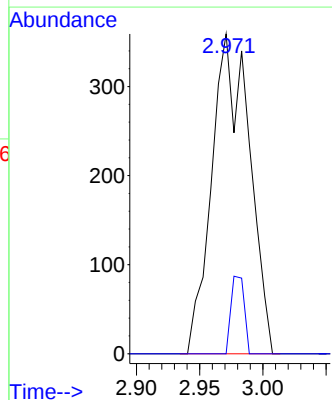
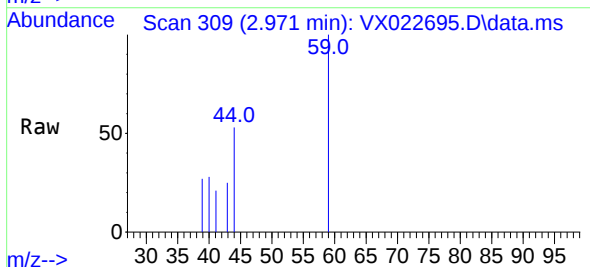
Instrument :
MSVOA_X
ClientSampled :

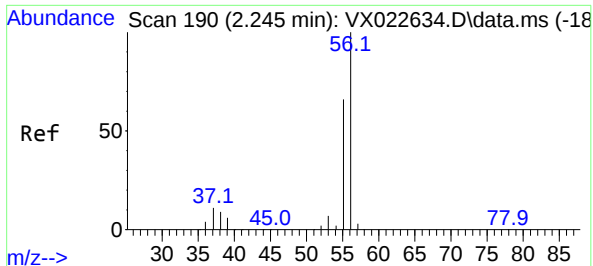
Tgt Ion: 94 Resp: 119
Ion Ratio Lower Upper
94 100
96 85.7 76.4 114.6



#11
Tert butyl alcohol
Concen: 2.92 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX022695.D
Acq: 14 Jun 2021 15:52

Tgt Ion: 59 Resp: 741
Ion Ratio Lower Upper
59 100
57 8.5 7.8 11.8

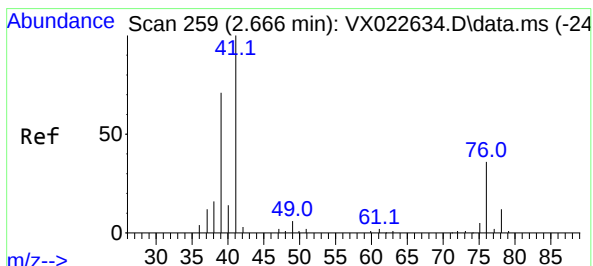
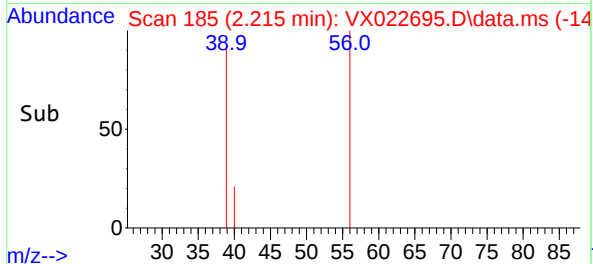
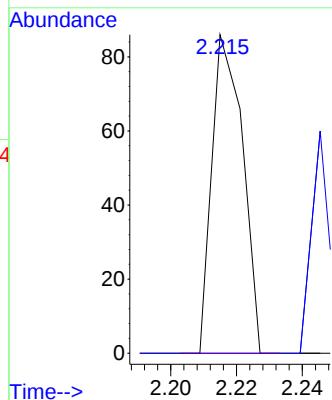
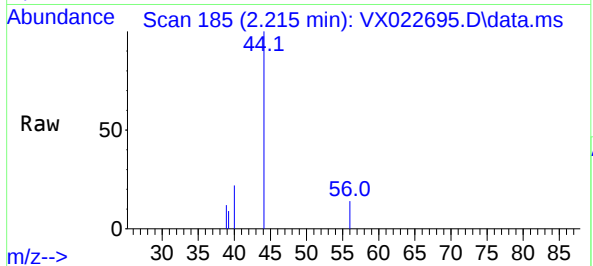




#13
Acrolein
Concen: 0.53 ug/l
RT: 2.215 min Scan# 185
Delta R.T. -0.024 min
Lab File: VX022695.D
Acq: 14 Jun 2021 15:52

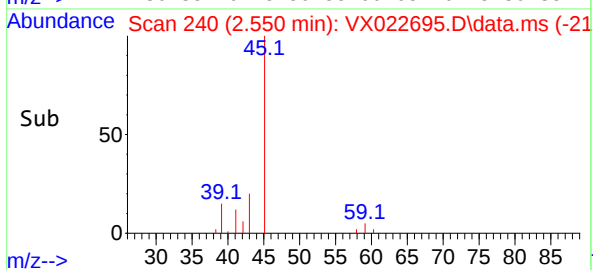
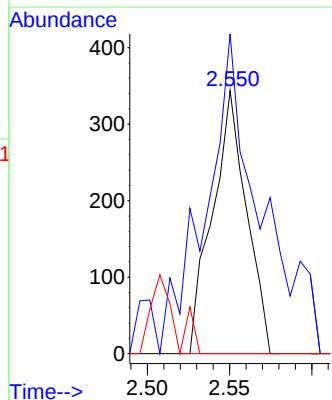
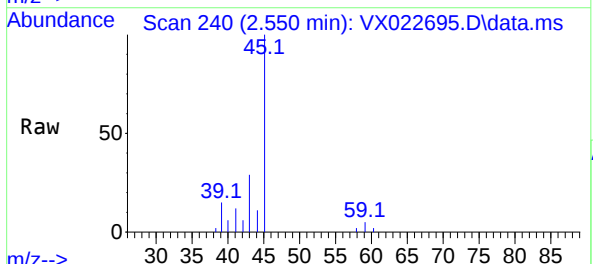
Instrument :
MSVOA_X
ClientSampled :

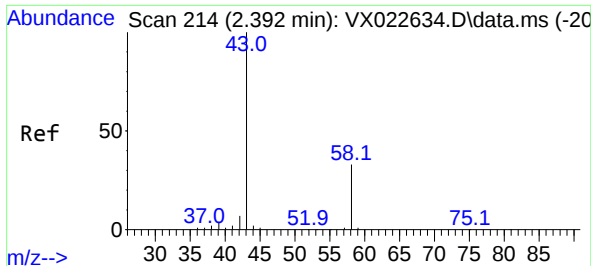
Tgt Ion: 56 Resp: 56
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#14
Allyl chloride
Concen: 0.35 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.116 min
Lab File: VX022695.D
Acq: 14 Jun 2021 15:52

Tgt Ion: 41 Resp: 496
Ion Ratio Lower Upper
41 100
39 195.8 51.6 77.4#
76 0.0 30.5 45.7#

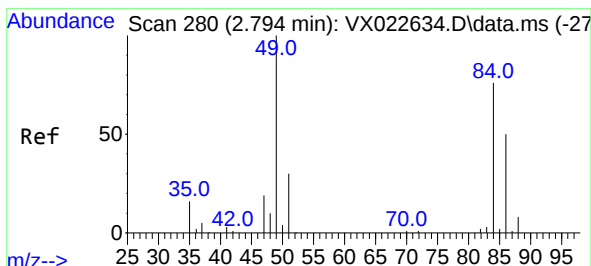
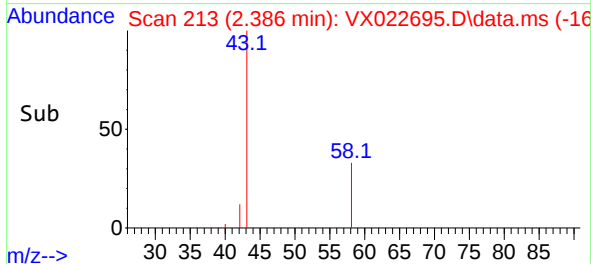
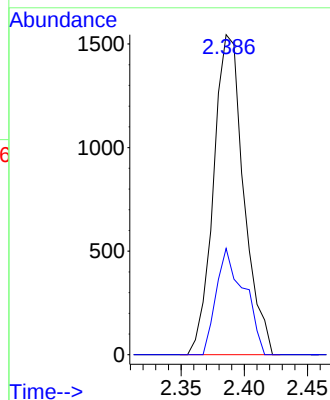
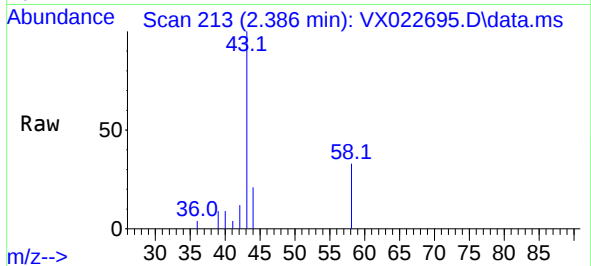




#16
Acetone
Concen: 5.23 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022695.D
Acq: 14 Jun 2021 15:52

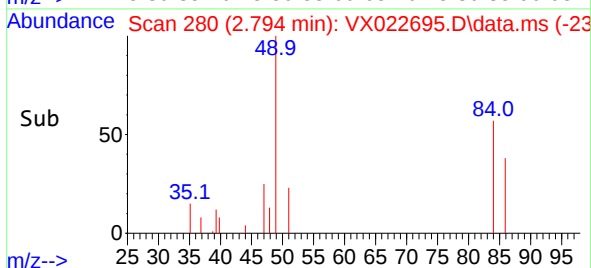
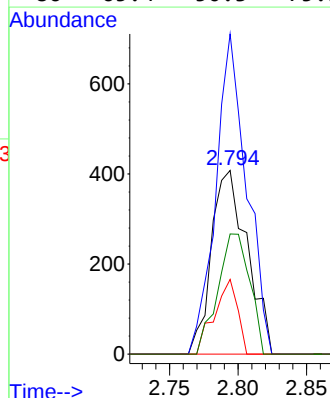
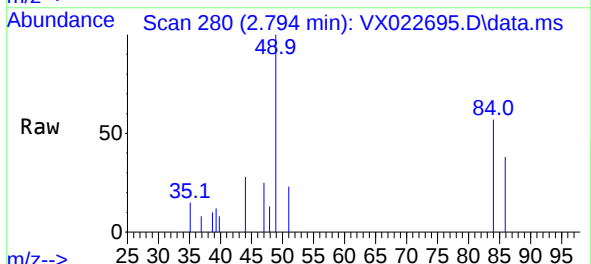
Instrument :
MSVOA_X
ClientSampled :

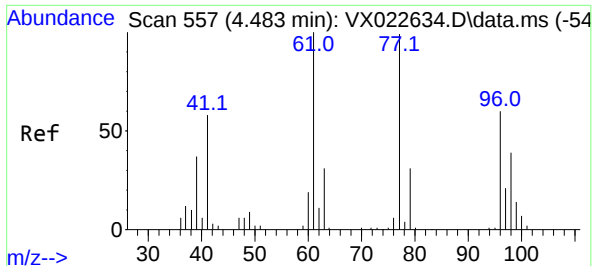
Tgt Ion: 43 Resp: 2568
Ion Ratio Lower Upper
43 100
58 33.2 27.8 41.8



#20
Methylene Chloride
Concen: 0.51 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022695.D
Acq: 14 Jun 2021 15:52

Tgt Ion: 84 Resp: 741
Ion Ratio Lower Upper
84 100
49 174.3 88.6 132.8#
51 40.7 27.0 40.6#
86 65.4 50.3 75.5

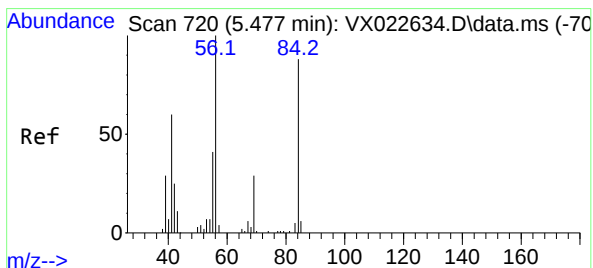
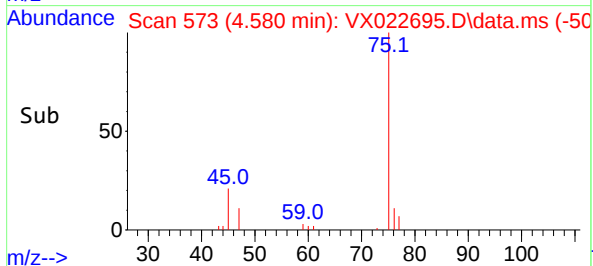
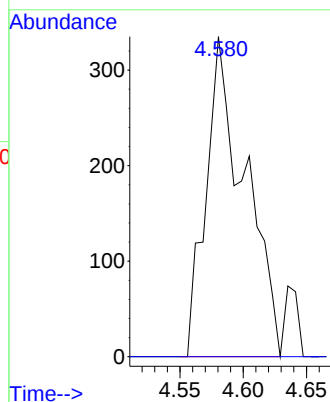
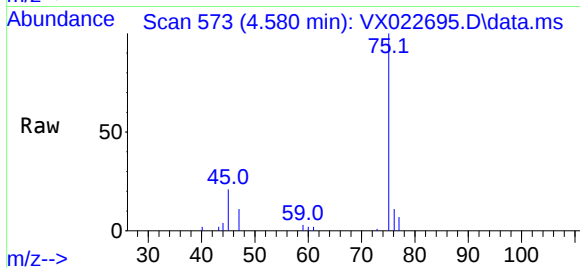




#26
2,2-Dichloropropane
Concen: 0.57 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.091 min
Lab File: VX022695.D
Acq: 14 Jun 2021 15:52

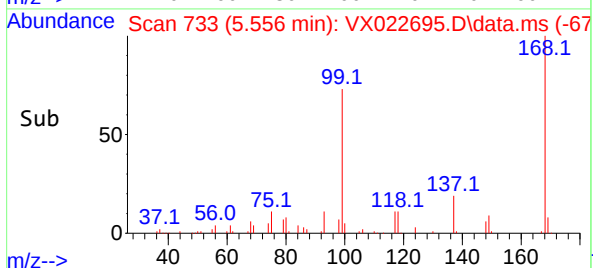
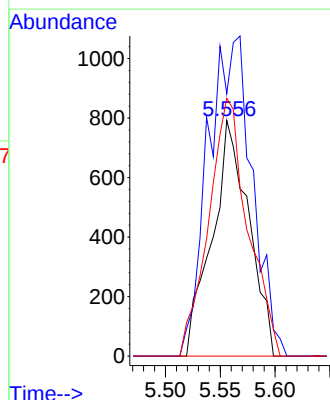
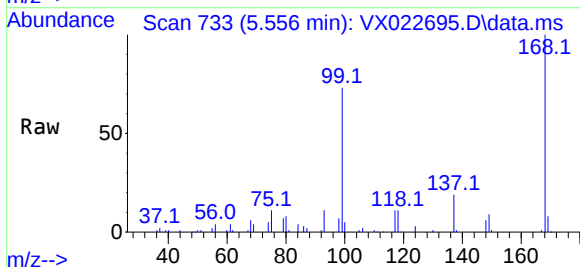
Instrument :
MSVOA_X
ClientSampled :

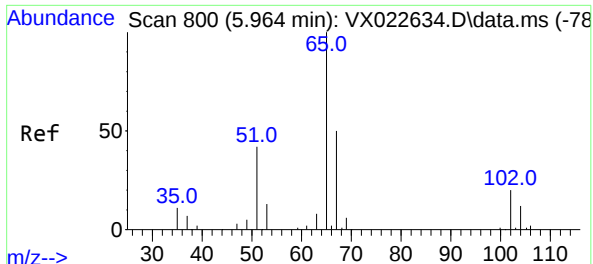
Tgt Ion: 77 Resp: 717
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.1#



#31
Cyclohexane
Concen: 1.39 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX022695.D
Acq: 14 Jun 2021 15:52

Tgt Ion: 56 Resp: 1844
Ion Ratio Lower Upper
56 100
69 111.4 25.3 37.9#
84 109.3 71.4 107.0#



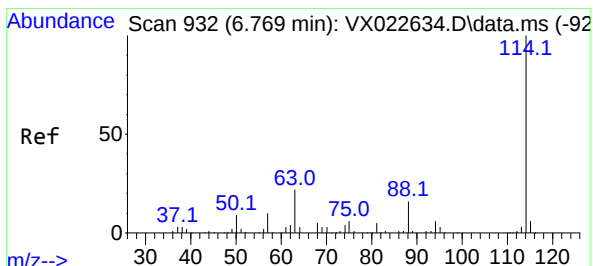
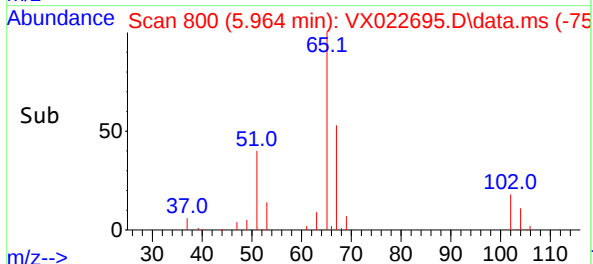
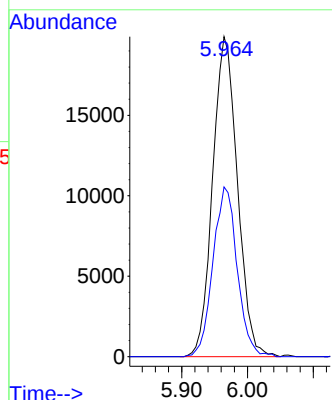
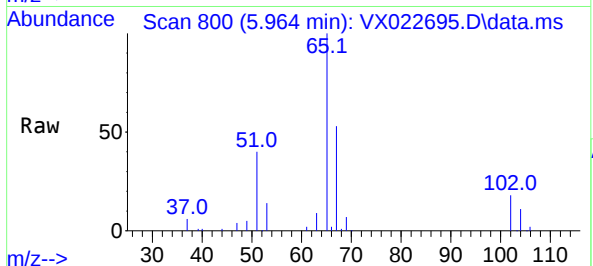


#33

1,2-Dichloroethane-d4
Concen: 47.56 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022695.D
Acq: 14 Jun 2021 15:52

Instrument :
MSVOA_X
ClientSampleId :

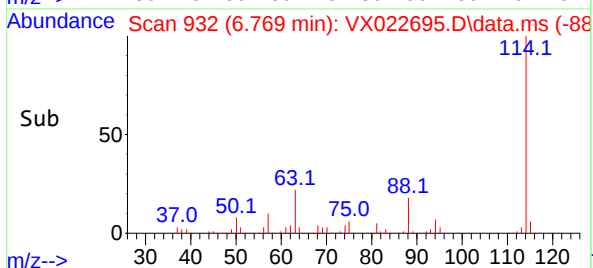
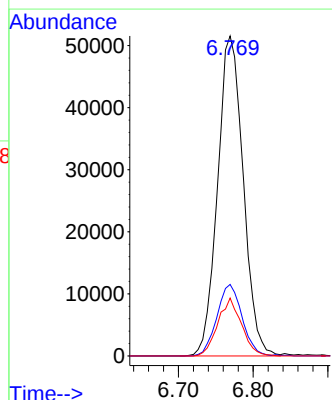
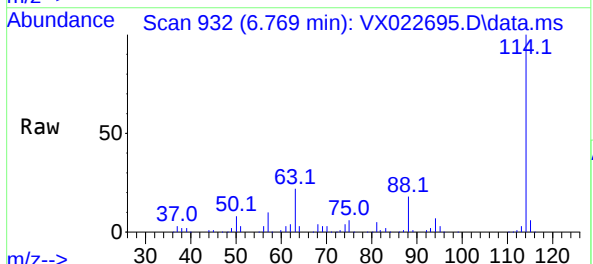
Tgt Ion: 65 Resp: 52129
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.4

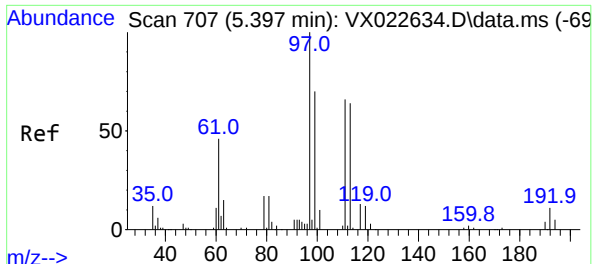


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022695.D
Acq: 14 Jun 2021 15:52

Tgt Ion: 114 Resp: 122815
Ion Ratio Lower Upper
114 100
63 22.3 0.0 40.8
88 18.1 0.0 32.8

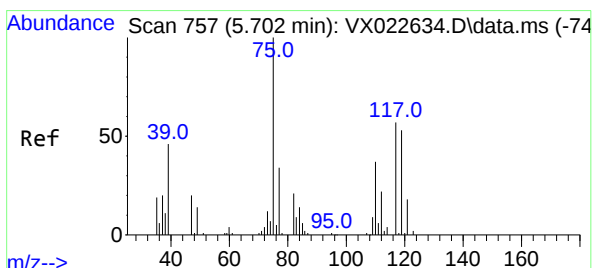
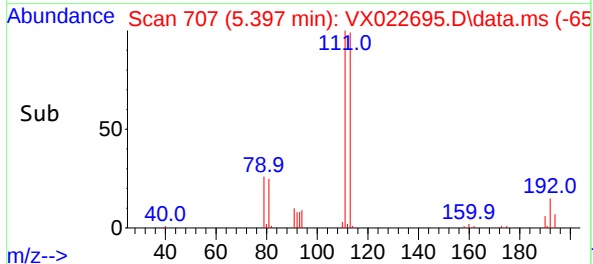
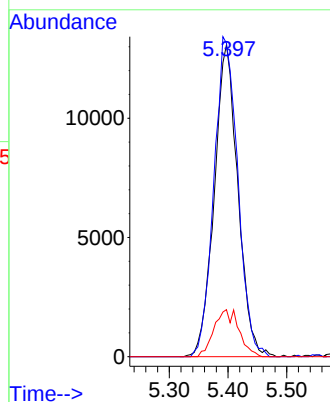
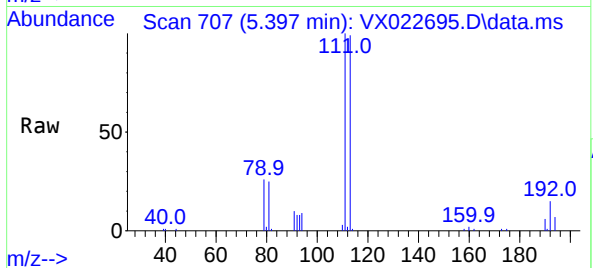




#35
Dibromofluoromethane
Concen: 46.56 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022695.D
Acq: 14 Jun 2021 15:52

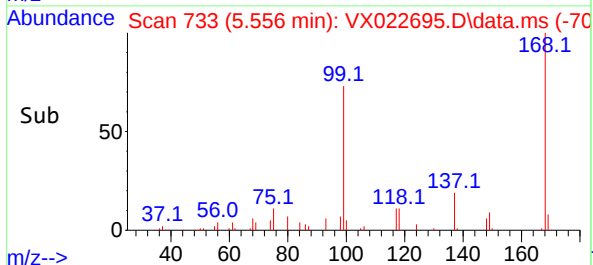
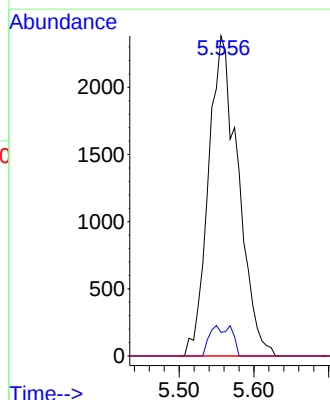
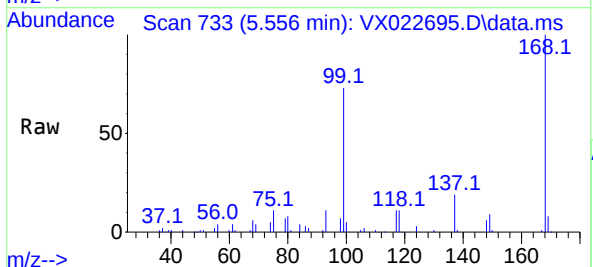
Instrument :
MSVOA_X
ClientSampled :

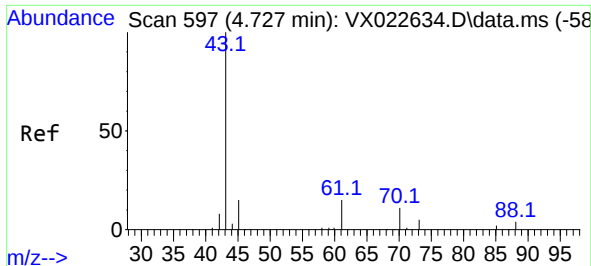
Tgt Ion:113 Resp: 36486
Ion Ratio Lower Upper
113 100
111 104.1 81.9 122.9
192 15.9 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 5.39 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022695.D
Acq: 14 Jun 2021 15:52

Tgt Ion: 75 Resp: 6590
Ion Ratio Lower Upper
75 100
110 7.0 18.1 54.4#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 0.24 ug/l

RT: 4.605 min Scan# 577

Delta R.T. -0.122 min

Lab File: VX022695.D

Acq: 14 Jun 2021 15:52

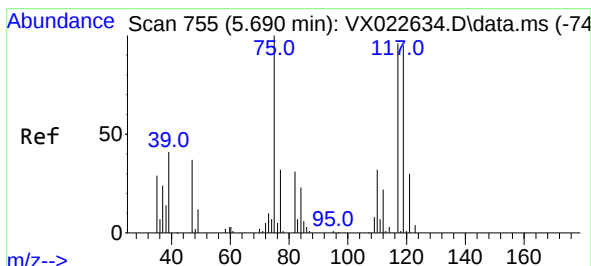
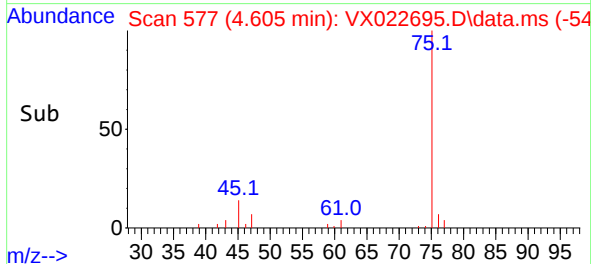
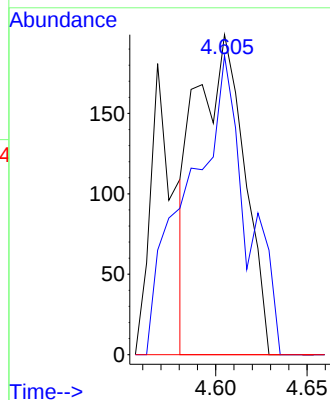
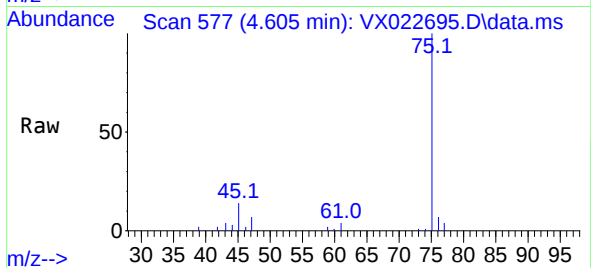
Tgt Ion: 43 Resp: 369

Ion Ratio Lower Upper

43 100

61 111.9 12.8 19.2#

70 0.0 10.5 15.7#



#38

Carbon Tetrachloride

Concen: 6.89 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.110 min

Lab File: VX022695.D

Acq: 14 Jun 2021 15:52

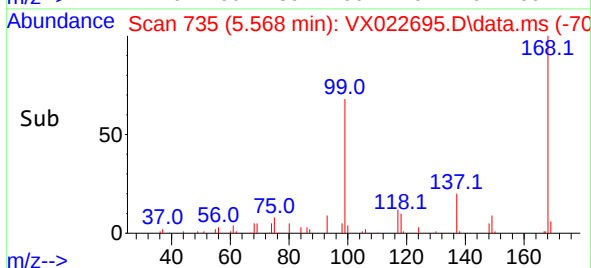
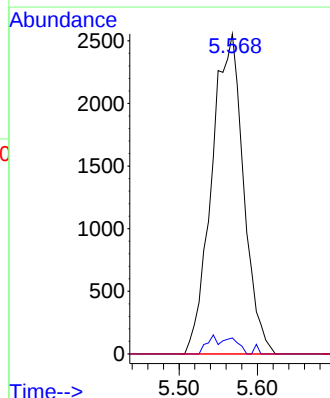
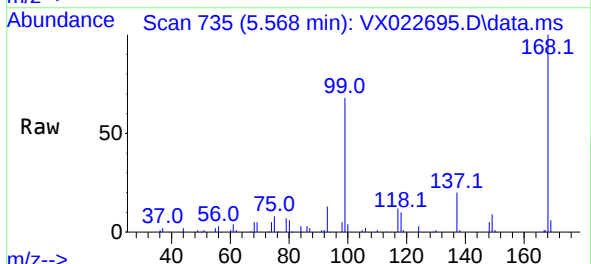
Tgt Ion: 117 Resp: 7208

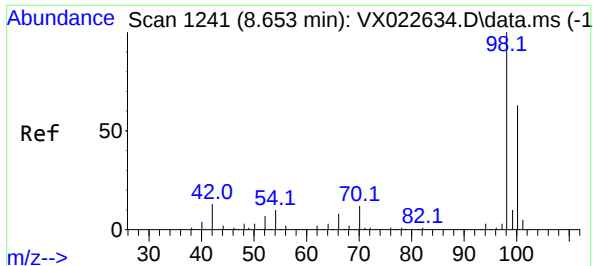
Ion Ratio Lower Upper

117 100

119 5.0 76.2 114.2#

121 0.0 24.8 37.2#

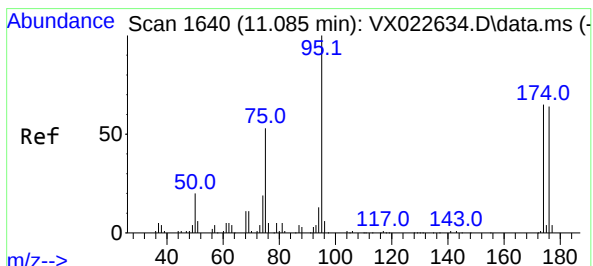
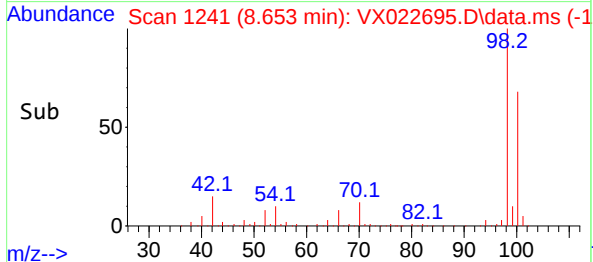
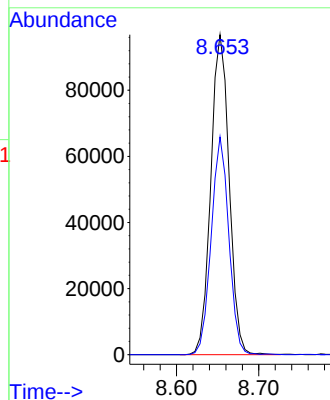
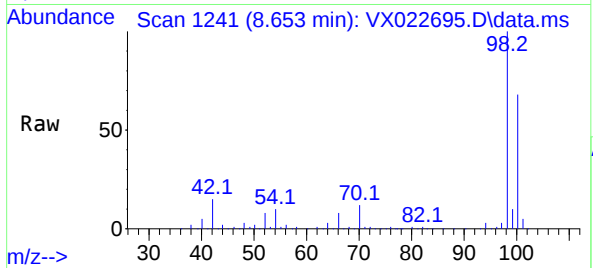




#50
Toluene-d8
Concen: 48.52 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022695.D
Acq: 14 Jun 2021 15:52

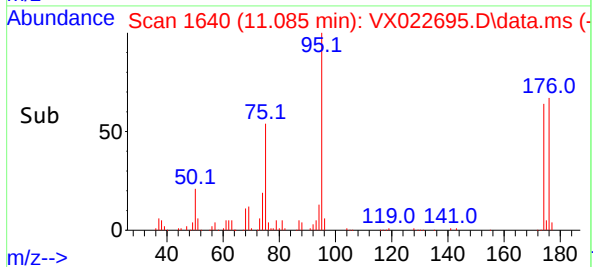
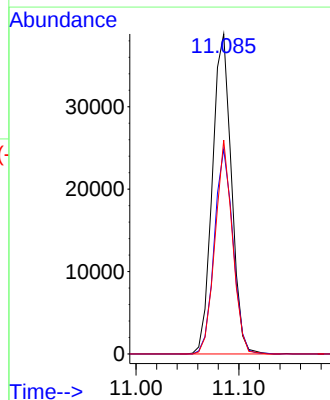
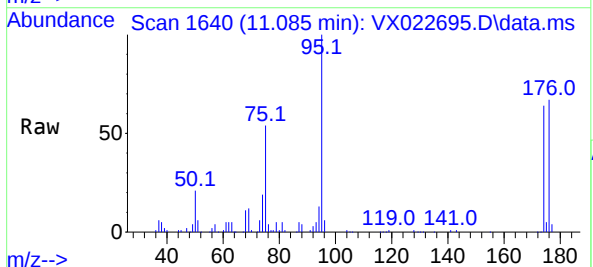
Instrument :
MSVOA_X
ClientSampled :

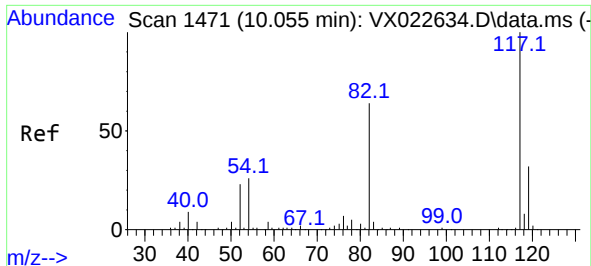
Tgt Ion: 98 Resp: 149872
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 42.71 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022695.D
Acq: 14 Jun 2021 15:52

Tgt Ion: 95 Resp: 49901
Ion Ratio Lower Upper
95 100
174 62.5 0.0 154.6
176 60.9 0.0 155.8

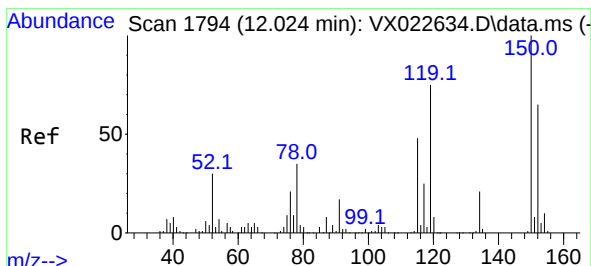
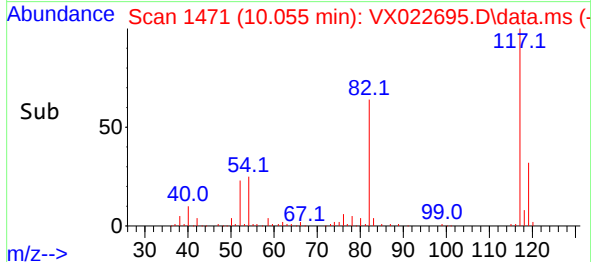
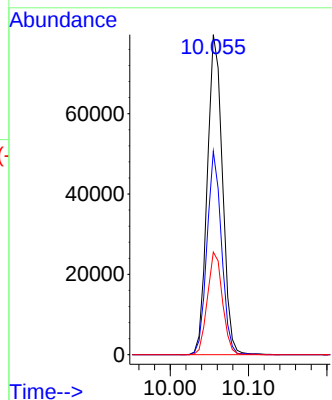
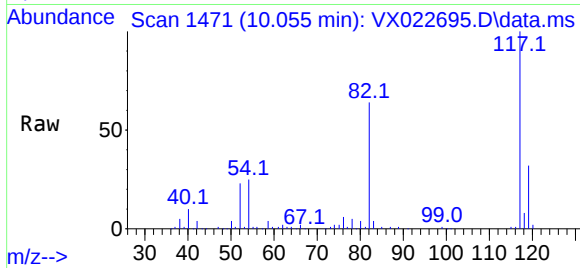




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022695.D
Acq: 14 Jun 2021 15:52

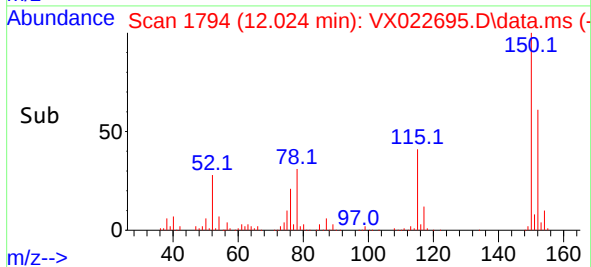
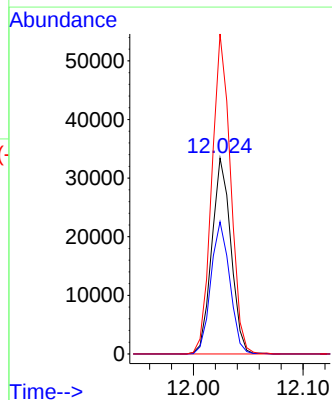
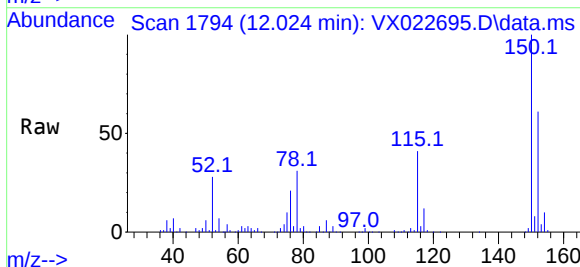
Instrument :
MSVOA_X
ClientSampled :

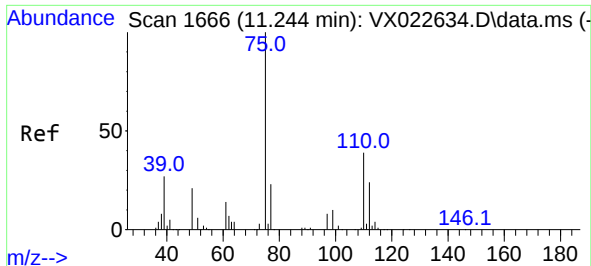
Tgt Ion:117 Resp: 106897
Ion Ratio Lower Upper
117 100
82 63.6 47.4 71.2
119 32.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022695.D
Acq: 14 Jun 2021 15:52

Tgt Ion:152 Resp: 40460
Ion Ratio Lower Upper
152 100
115 66.8 41.1 123.3
150 160.4 0.0 349.0

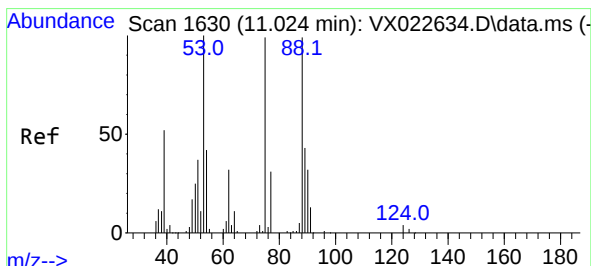
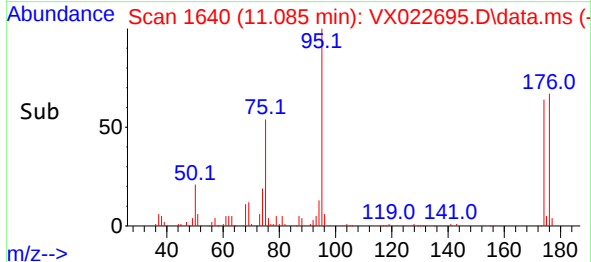
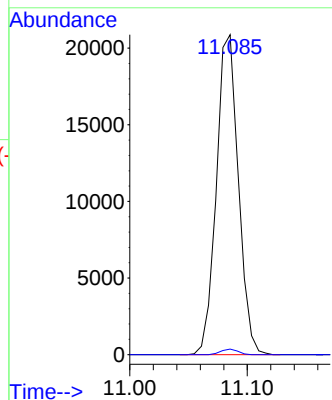
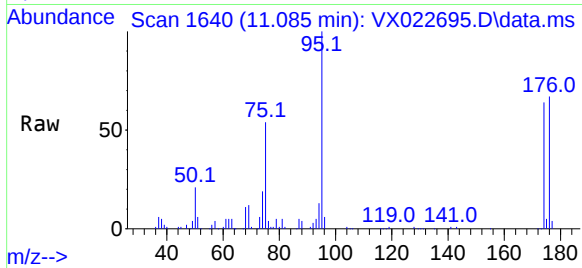




#76
1,2,3-Trichloropropane
Concen: 25.32 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022695.D
Acq: 14 Jun 2021 15:52

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 27159
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.67 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022695.D
Acq: 14 Jun 2021 15:52

Tgt Ion: 75 Resp: 27159
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

