

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100821\
 Data File : VX024670.D
 Acq On : 08 Oct 2021 15:13
 Operator : JC/MD
 Sample : M4130-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 08 16:30:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

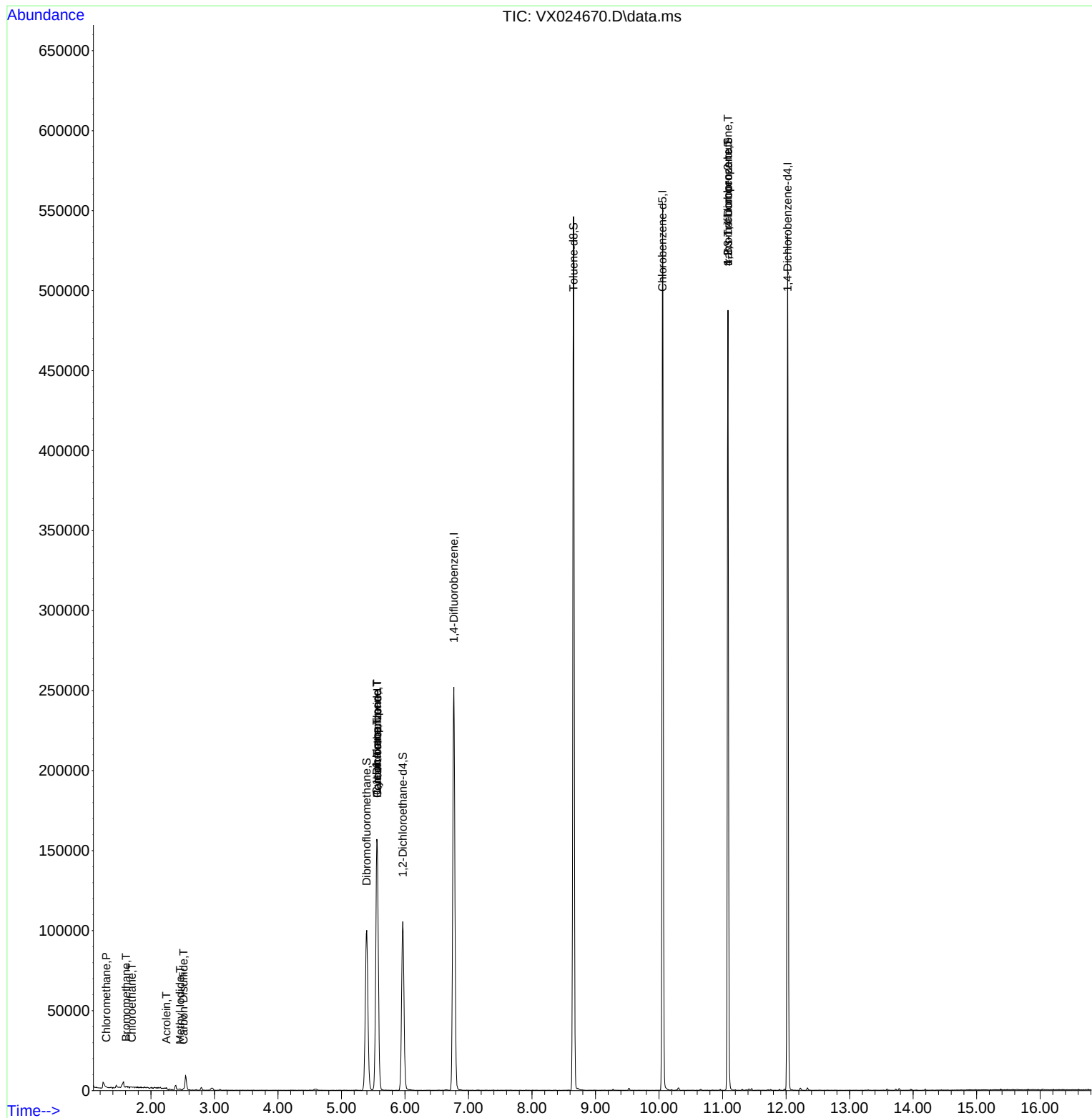
Internal Standards						
1) Pentafluorobenzene	5.562	168	147665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	251503	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	244583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	106324	51.089	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.180%
35) Dibromofluoromethane	5.397	113	83528	49.993	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.980%
50) Toluene-d8	8.653	98	308146	50.110	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.220%
62) 4-Bromofluorobenzene	11.085	95	121363	50.195	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.380%
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	380	0.271	ug/l #	42
5) Bromomethane	1.605	94	300	0.304	ug/l #	61
6) Chloroethane	1.697	64	528	0.797	ug/l #	43
10) Methyl Iodide	2.459	142	797	0.391	ug/l #	77
11) Tert butyl alcohol	2.977	59	1541	Below Cal	#	81
13) Acrolein	2.239	56	211	11.857	ug/l	83
16) Acetone	2.386	43	3239	Below Cal		95
17) Carbon Disulfide	2.514	76	1143	0.554	ug/l #	93
20) Methylene Chloride	2.794	84	788	Below Cal	#	96
31) Cyclohexane	5.556	56	3304	1.326	ug/l #	30
36) 1,1-Dichloropropene	5.556	75	11469	4.757	ug/l #	49
38) Carbon Tetrachloride	5.562	117	14685	5.595	ug/l #	16
76) 1,2,3-Trichloropropane	11.085	75	65551	26.837	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	65551	73.041	ug/l #	12

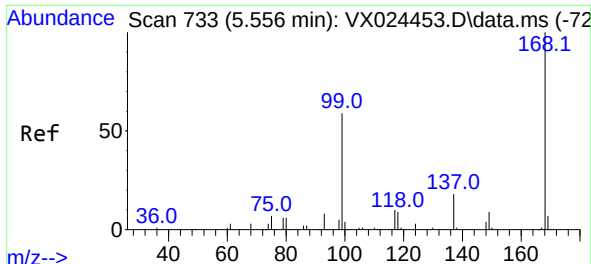
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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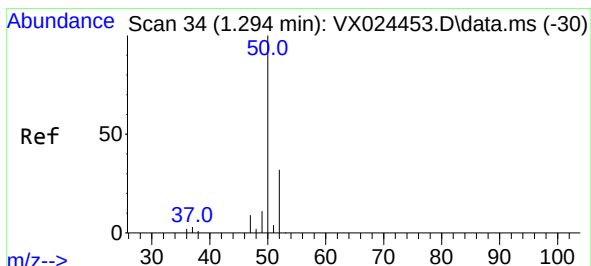
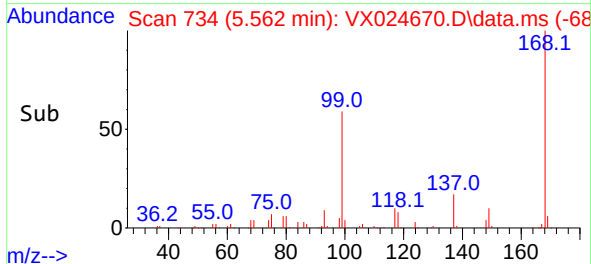
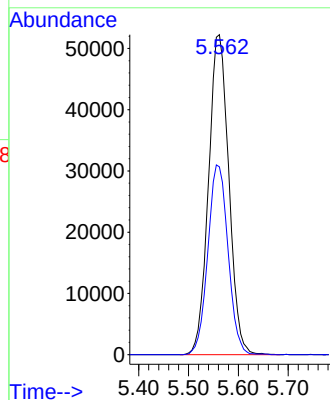
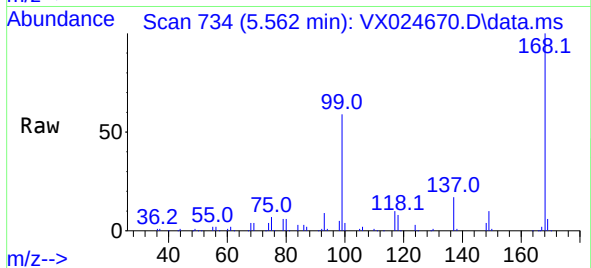




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024670.D
Acq: 08 Oct 2021 15:13

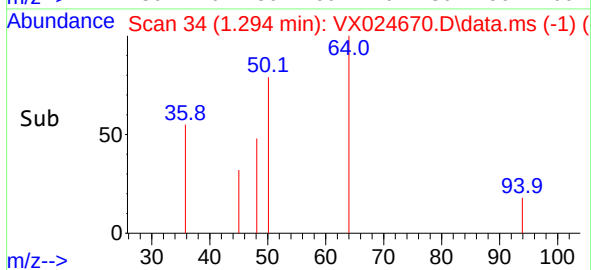
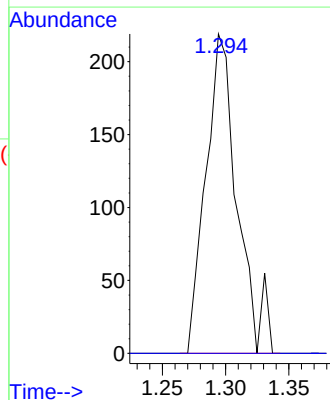
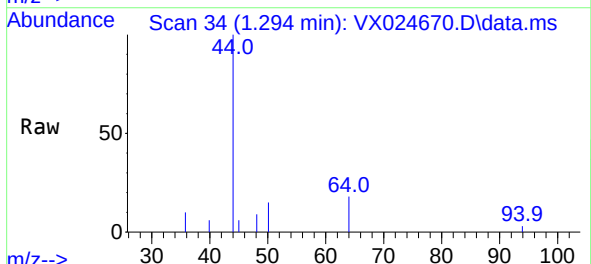
Instrument :
MSVOA_X
ClientSampleId :

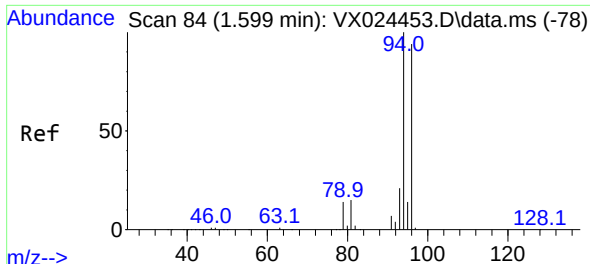
Tgt Ion:168 Resp: 147665
Ion Ratio Lower Upper
168 100
99 58.7 45.8 68.6



#3
Chloromethane
Concen: 0.271 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024670.D
Acq: 08 Oct 2021 15:13

Tgt Ion: 50 Resp: 380
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

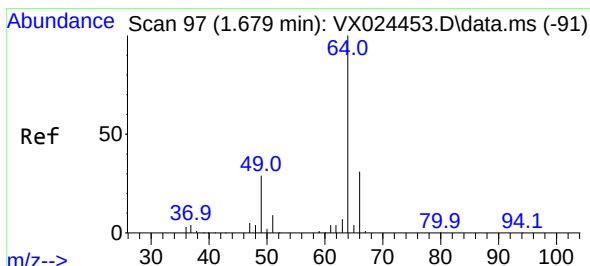
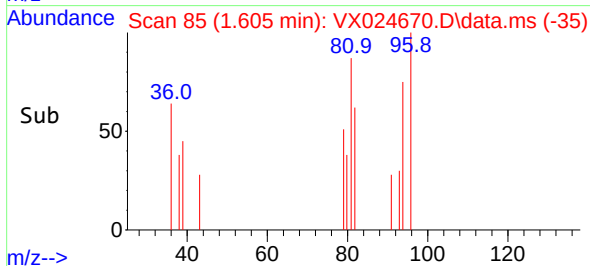
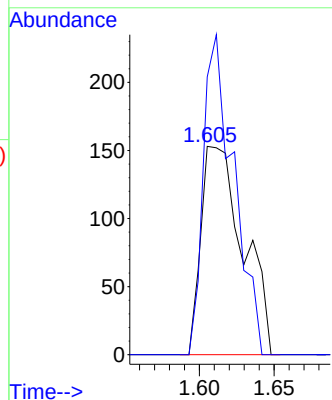
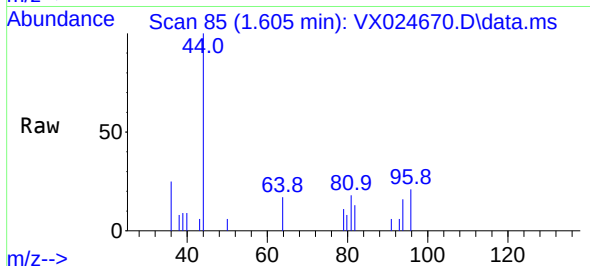




#5
Bromomethane
Concen: 0.304 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX024670.D
Acq: 08 Oct 2021 15:13

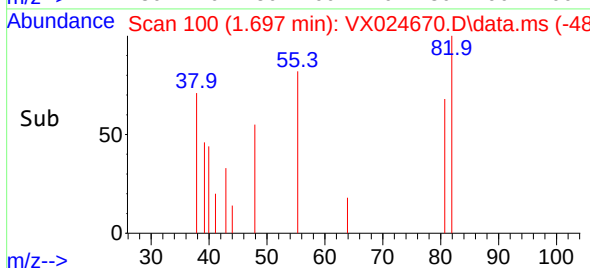
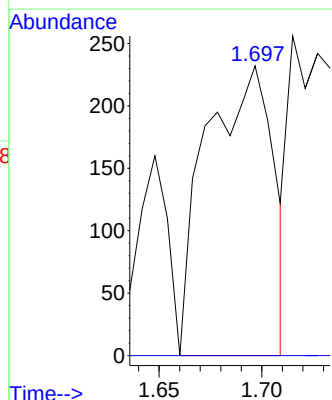
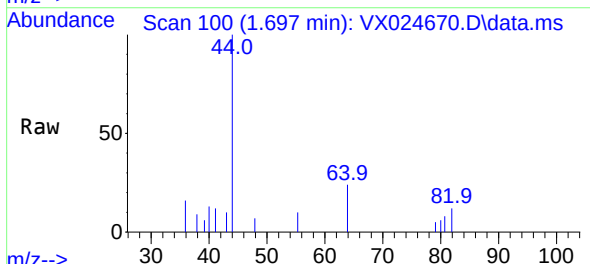
Instrument :
MSVOA_X
ClientSampled :

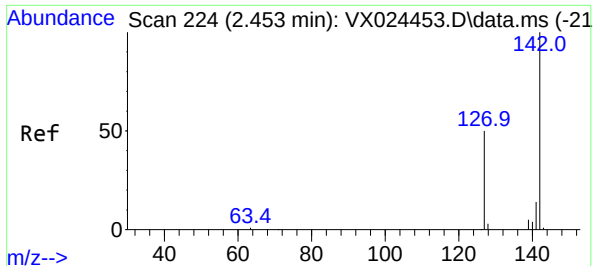
Tgt Ion: 94 Resp: 300
Ion Ratio Lower Upper
94 100
96 133.3 76.4 114.6#



#6
Chloroethane
Concen: 0.797 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.018 min
Lab File: VX024670.D
Acq: 08 Oct 2021 15:13

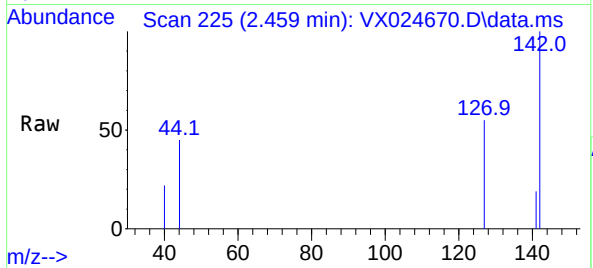
Tgt Ion: 64 Resp: 528
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



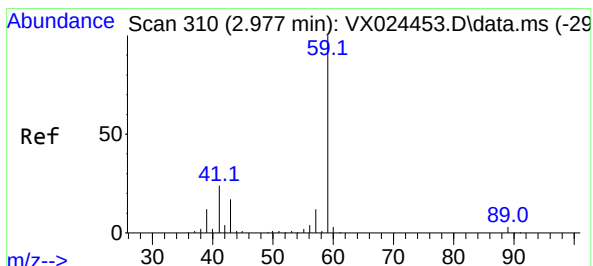
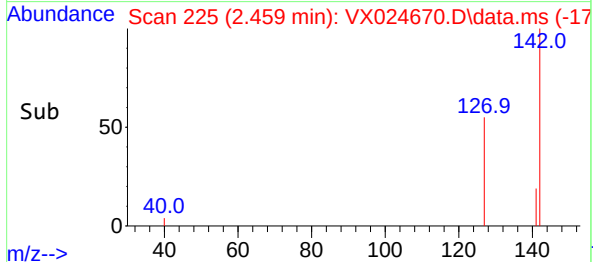
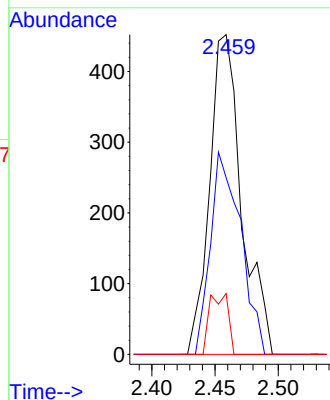


#10
Methyl Iodide
Concen: 0.391 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024670.D
Acq: 08 Oct 2021 15:13

Instrument :
MSVOA_X
ClientSampled :

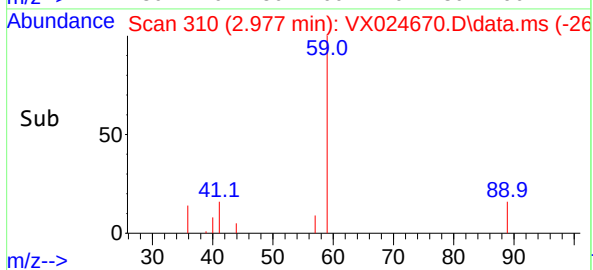
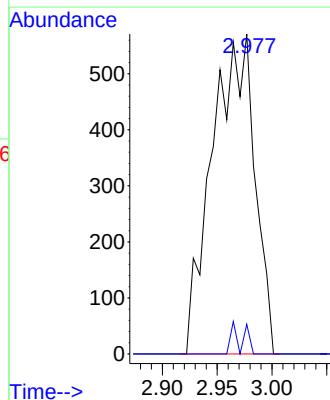
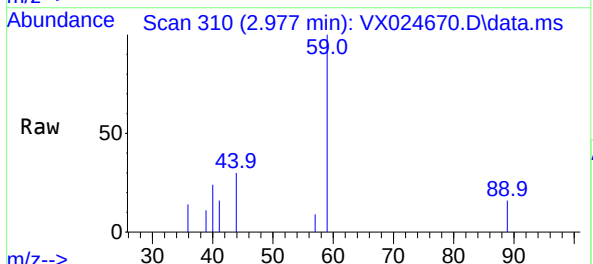


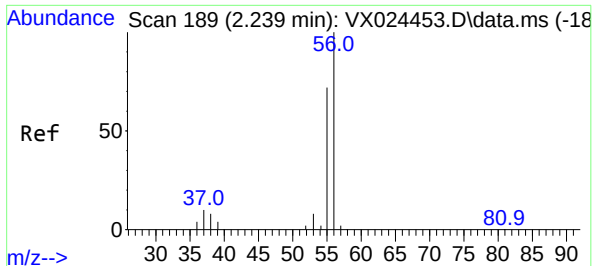
Tgt Ion:142 Resp: 797
Ion Ratio Lower Upper
142 100
127 59.7 33.3 49.9#
141 11.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.977 min Scan# 310
Delta R.T. -0.000 min
Lab File: VX024670.D
Acq: 08 Oct 2021 15:13

Tgt Ion: 59 Resp: 1541
Ion Ratio Lower Upper
59 100
57 2.7 7.8 11.8#

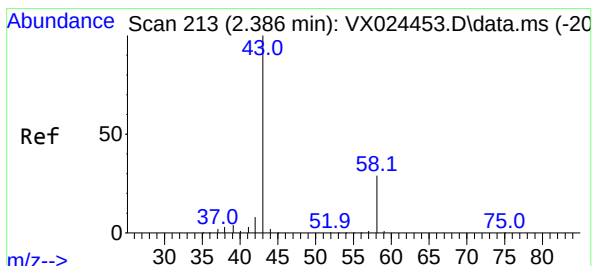
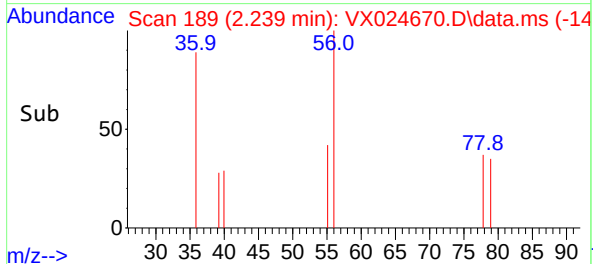
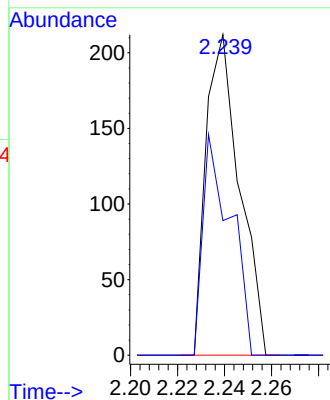
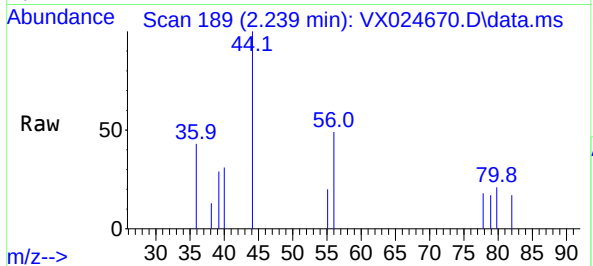




#13
Acrolein
Concen: 11.857 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX024670.D
Acq: 08 Oct 2021 15:13

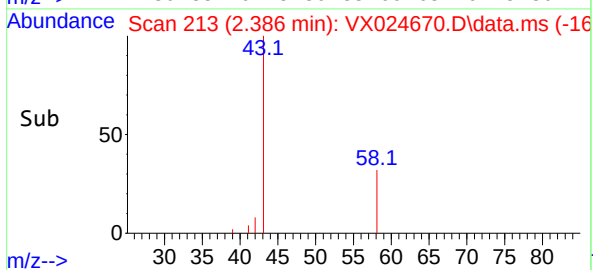
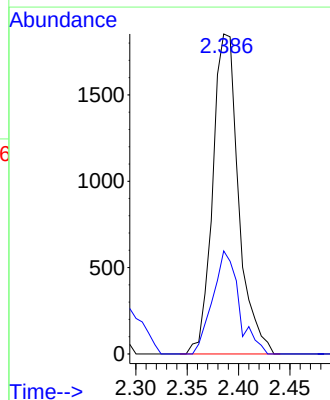
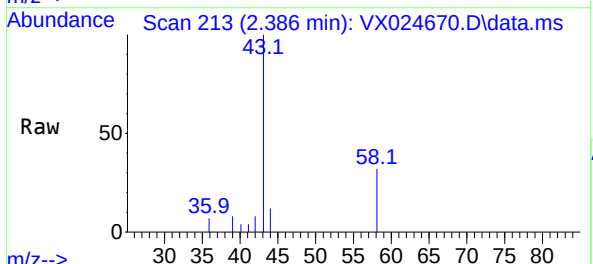
Instrument :
MSVOA_X
ClientSampled :

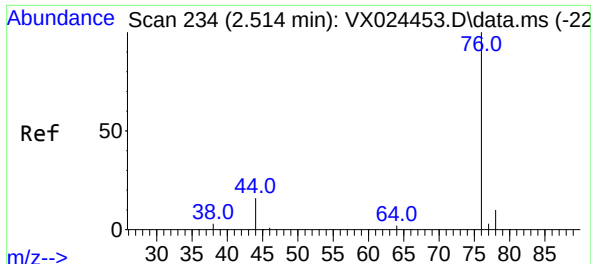
Tgt Ion: 56 Resp: 211
Ion Ratio Lower Upper
56 100
55 56.9 56.4 84.6



#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024670.D
Acq: 08 Oct 2021 15:13

Tgt Ion: 43 Resp: 3239
Ion Ratio Lower Upper
43 100
58 32.2 27.8 41.8

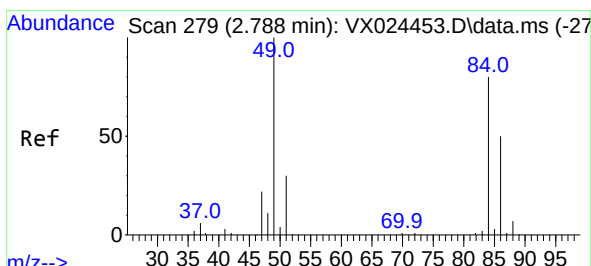
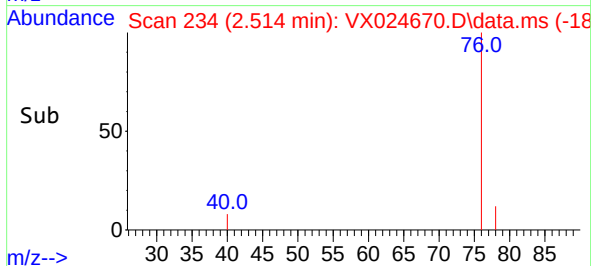
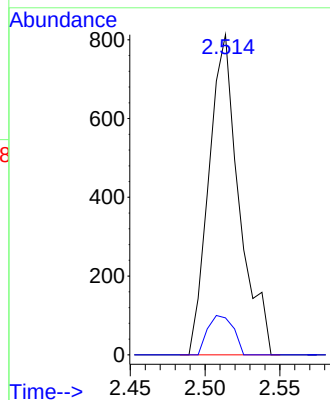
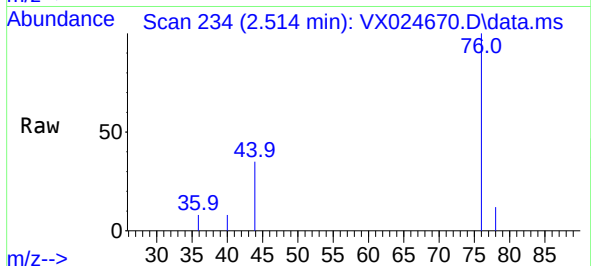




#17
Carbon Disulfide
Concen: 0.554 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024670.D
Acq: 08 Oct 2021 15:13

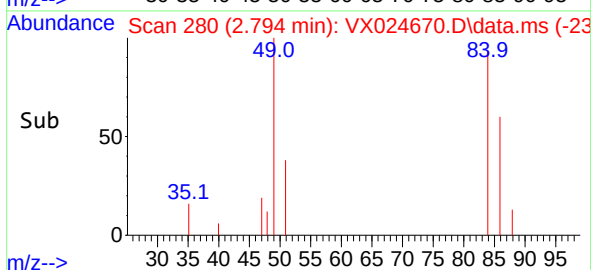
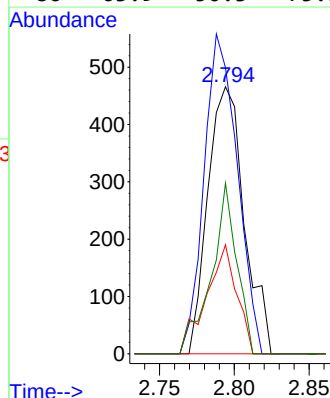
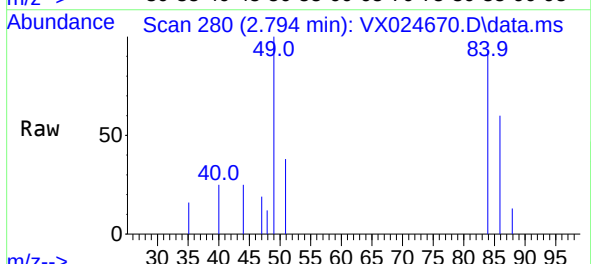
Instrument :
MSVOA_X
ClientSampled :

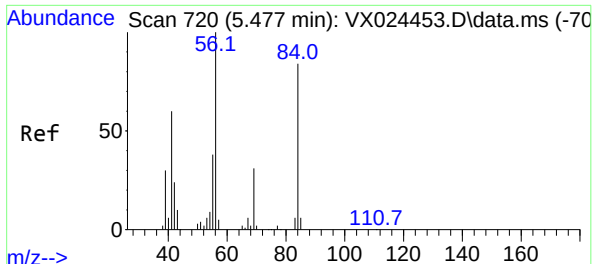
Tgt Ion: 76 Resp: 1143
Ion Ratio Lower Upper
76 100
78 11.6 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX024670.D
Acq: 08 Oct 2021 15:13

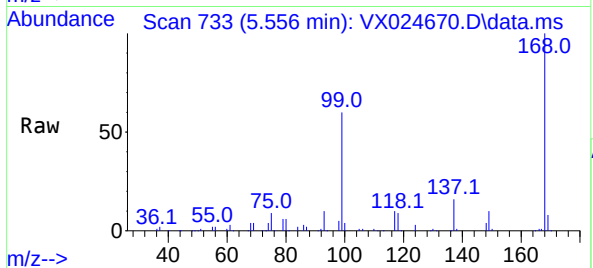
Tgt Ion: 84 Resp: 788
Ion Ratio Lower Upper
84 100
49 107.1 88.6 132.8
51 40.8 27.0 40.6#
86 63.9 50.3 75.5



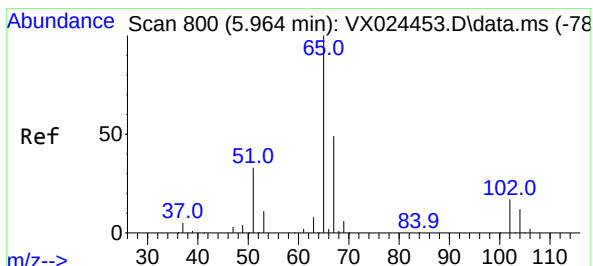
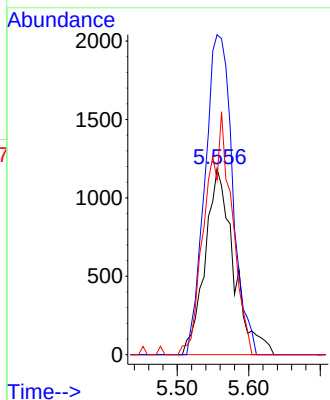
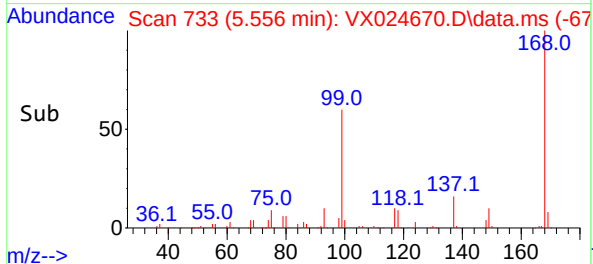


#31
Cyclohexane
Concen: 1.326 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024670.D
Acq: 08 Oct 2021 15:13

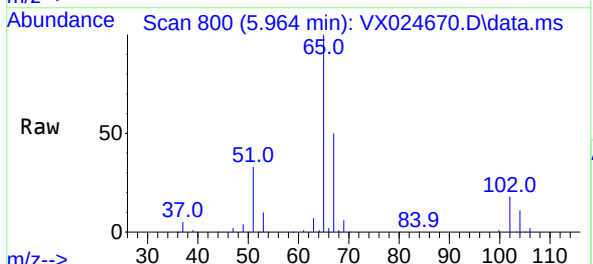
Instrument :
MSVOA_X
ClientSampleId :



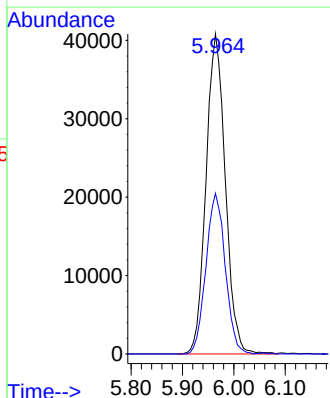
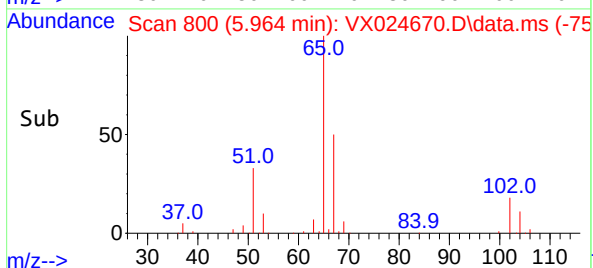
Tgt Ion: 56 Resp: 3304
Ion Ratio Lower Upper
56 100
69 172.1 25.3 37.9#
84 94.1 71.4 107.0

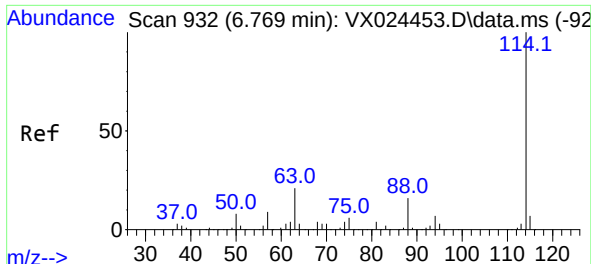


#33
1,2-Dichloroethane-d4
Concen: 51.089 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024670.D
Acq: 08 Oct 2021 15:13



Tgt Ion: 65 Resp: 106324
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.4

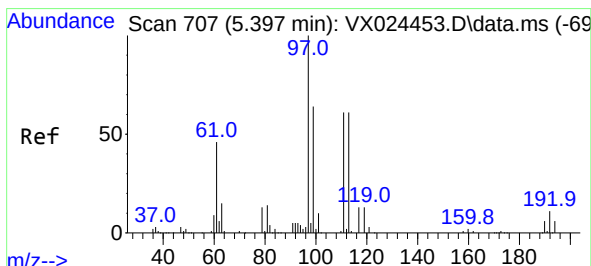
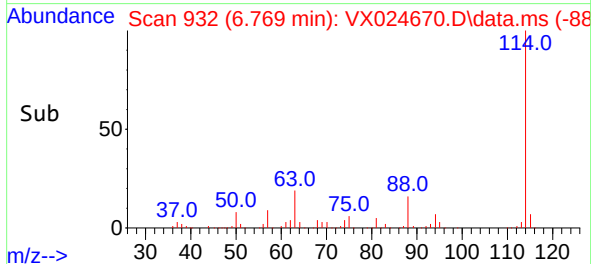
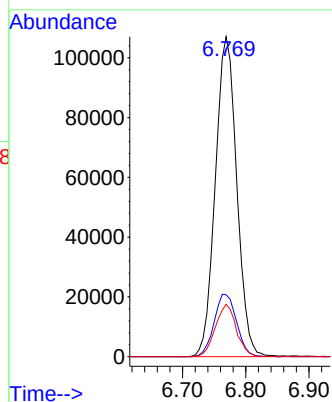
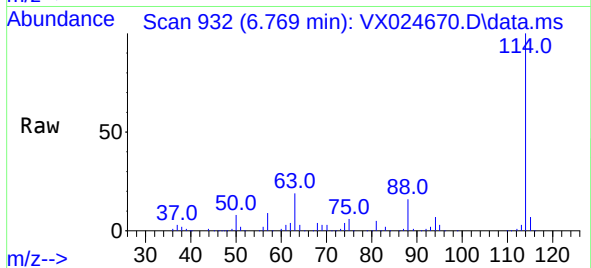




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024670.D
Acq: 08 Oct 2021 15:13

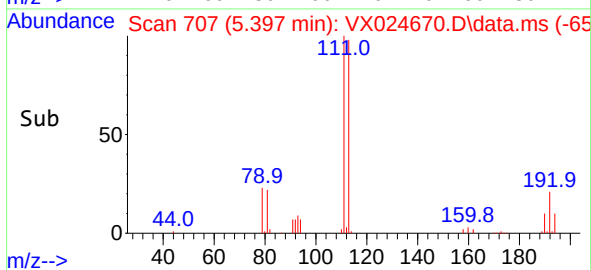
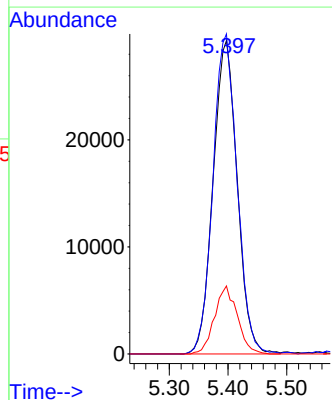
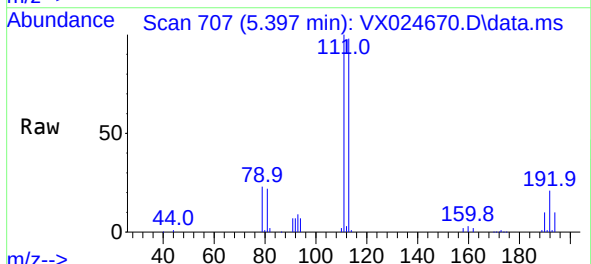
Instrument :
MSVOA_X
ClientSampled :

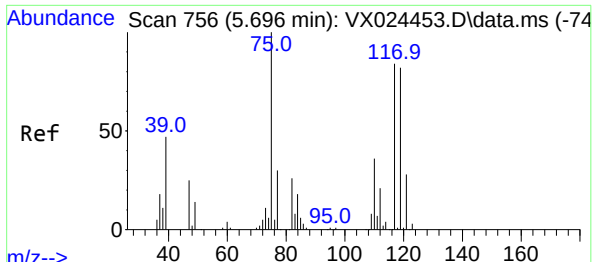
Tgt Ion:114 Resp: 251503
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.993 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024670.D
Acq: 08 Oct 2021 15:13

Tgt Ion:113 Resp: 83528
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 20.4 16.7 25.1

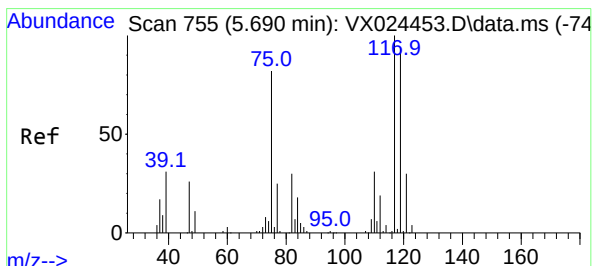
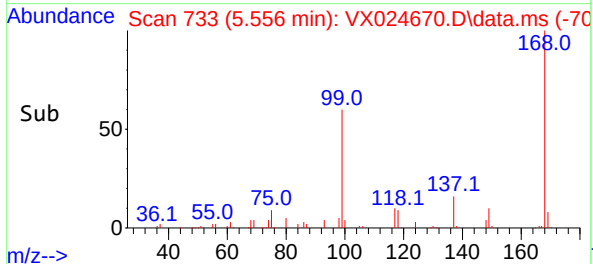
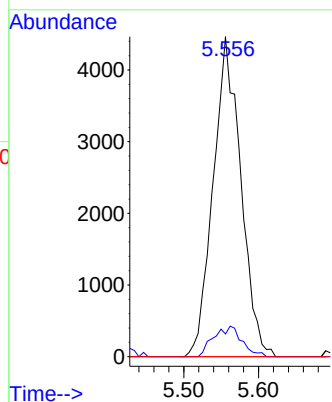
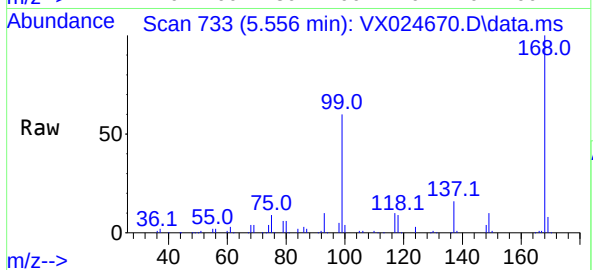




#36
1,1-Dichloropropene
Concen: 4.757 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX024670.D
Acq: 08 Oct 2021 15:13

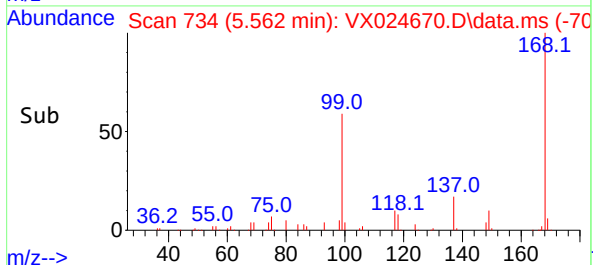
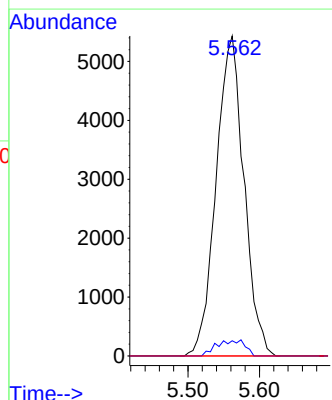
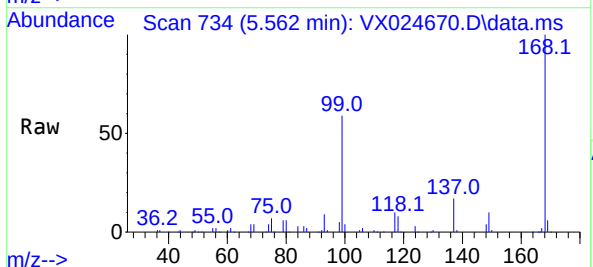
Instrument :
MSVOA_X
ClientSampled :

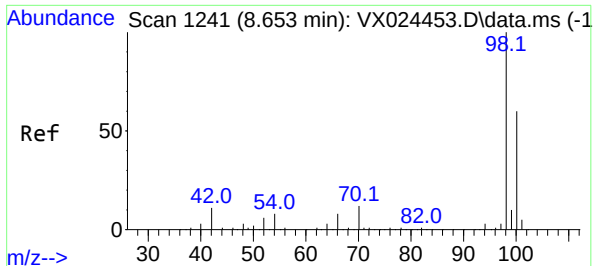
Tgt Ion: 75 Resp: 11469
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.595 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024670.D
Acq: 08 Oct 2021 15:13

Tgt Ion: 117 Resp: 14685
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 24.8 37.2#

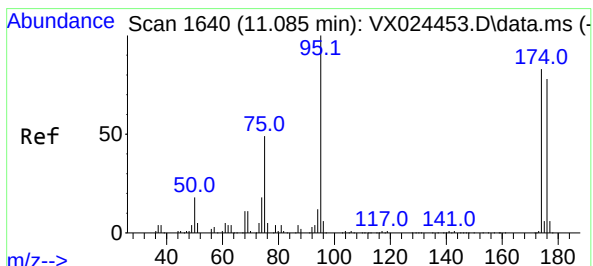
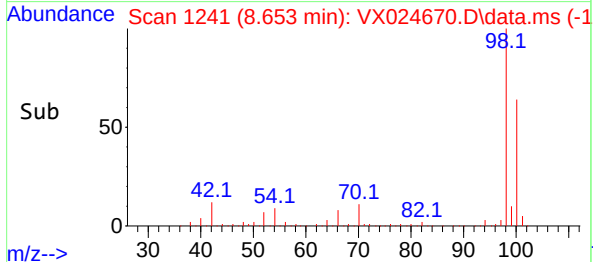
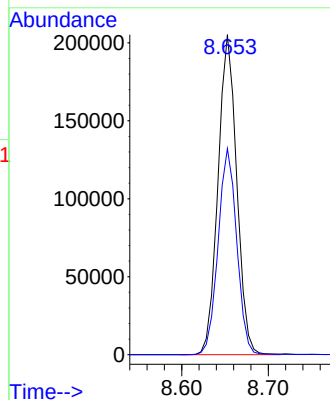
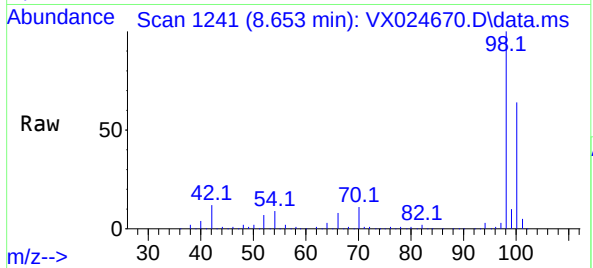




#50
Toluene-d8
Concen: 50.110 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024670.D
Acq: 08 Oct 2021 15:13

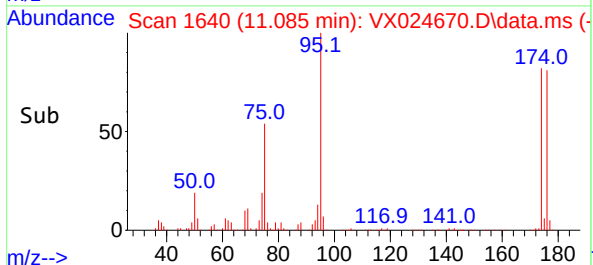
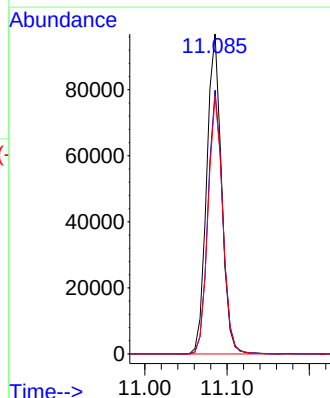
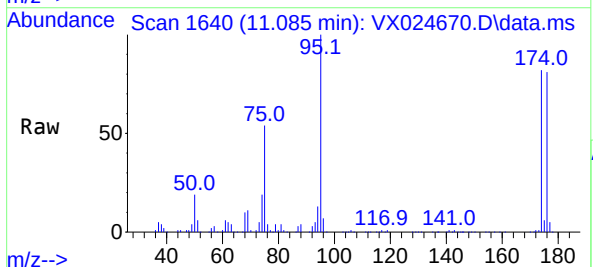
Instrument :
MSVOA_X
ClientSampled :

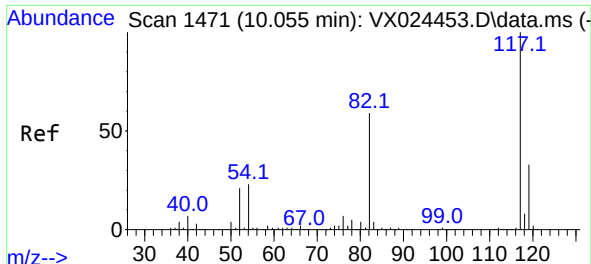
Tgt Ion: 98 Resp: 308146
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 50.195 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024670.D
Acq: 08 Oct 2021 15:13

Tgt Ion: 95 Resp: 121363
Ion Ratio Lower Upper
95 100
174 81.3 0.0 154.6
176 79.7 0.0 155.8

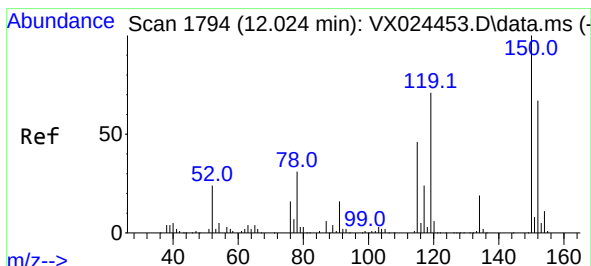
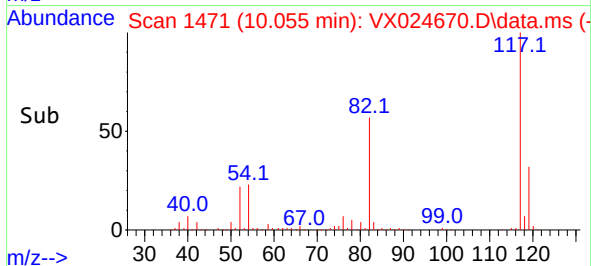
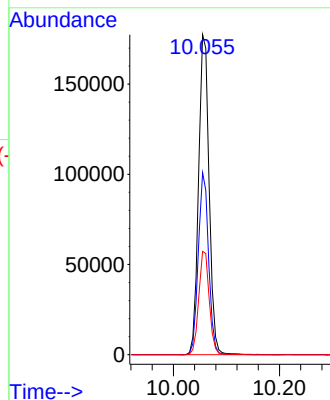
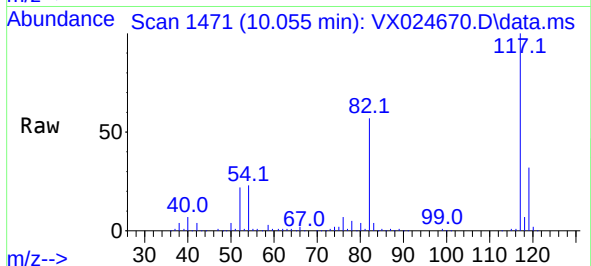




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX024670.D
Acq: 08 Oct 2021 15:13

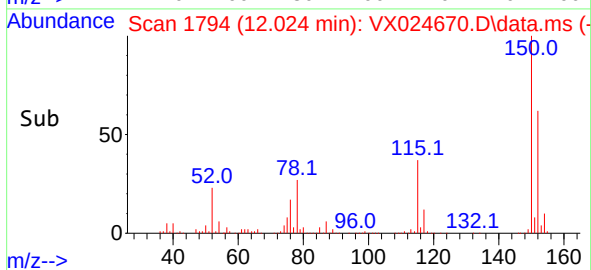
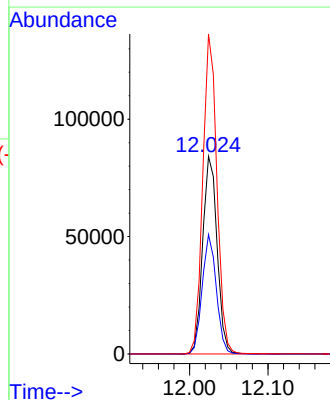
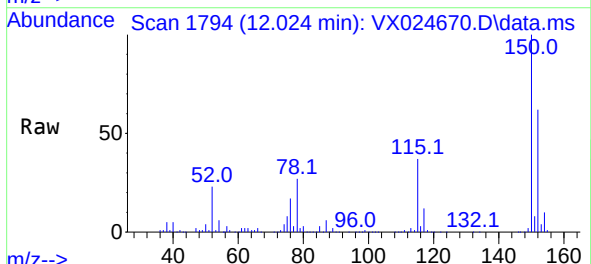
Instrument :
MSVOA_X
ClientSampleId :

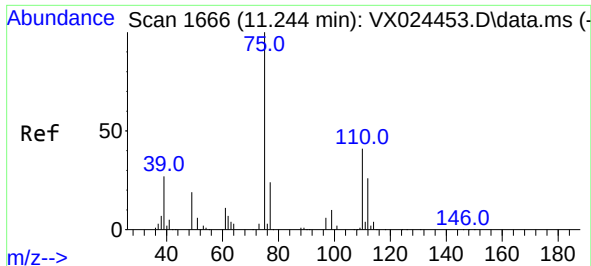
Tgt Ion:117 Resp: 244583
Ion Ratio Lower Upper
117 100
82 56.9 47.4 71.2
119 32.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024670.D
Acq: 08 Oct 2021 15:13

Tgt Ion:152 Resp: 107557
Ion Ratio Lower Upper
152 100
115 59.2 41.1 123.3
150 158.5 0.0 349.0

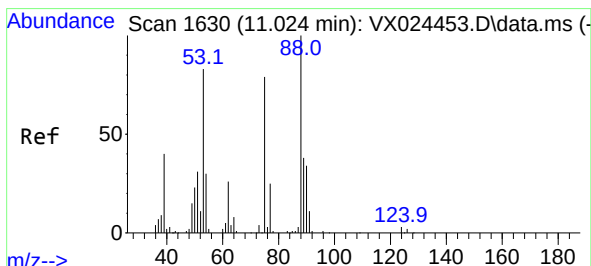
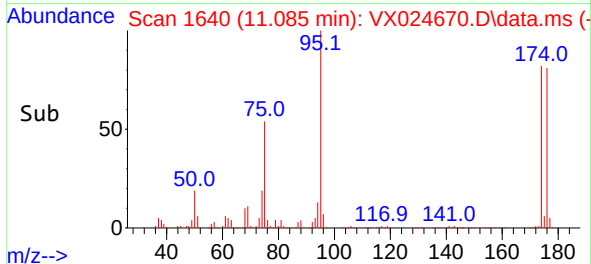
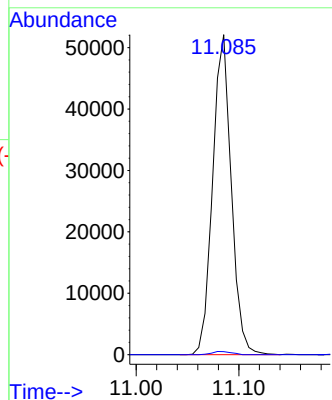
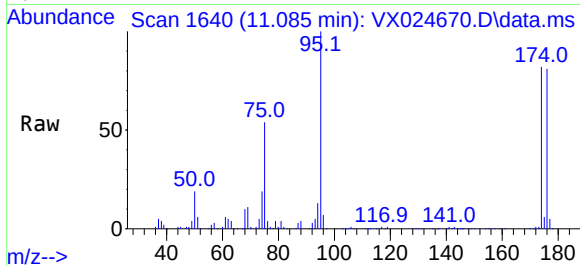




#76
1,2,3-Trichloropropane
Concen: 26.837 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024670.D
Acq: 08 Oct 2021 15:13

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 65551
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.041 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024670.D
Acq: 08 Oct 2021 15:13

Tgt Ion: 75 Resp: 65551
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

