

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100821\
 Data File : VX024672.D
 Acq On : 08 Oct 2021 15:59
 Operator : JC/MD
 Sample : M4130-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 08 16:31:45 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)

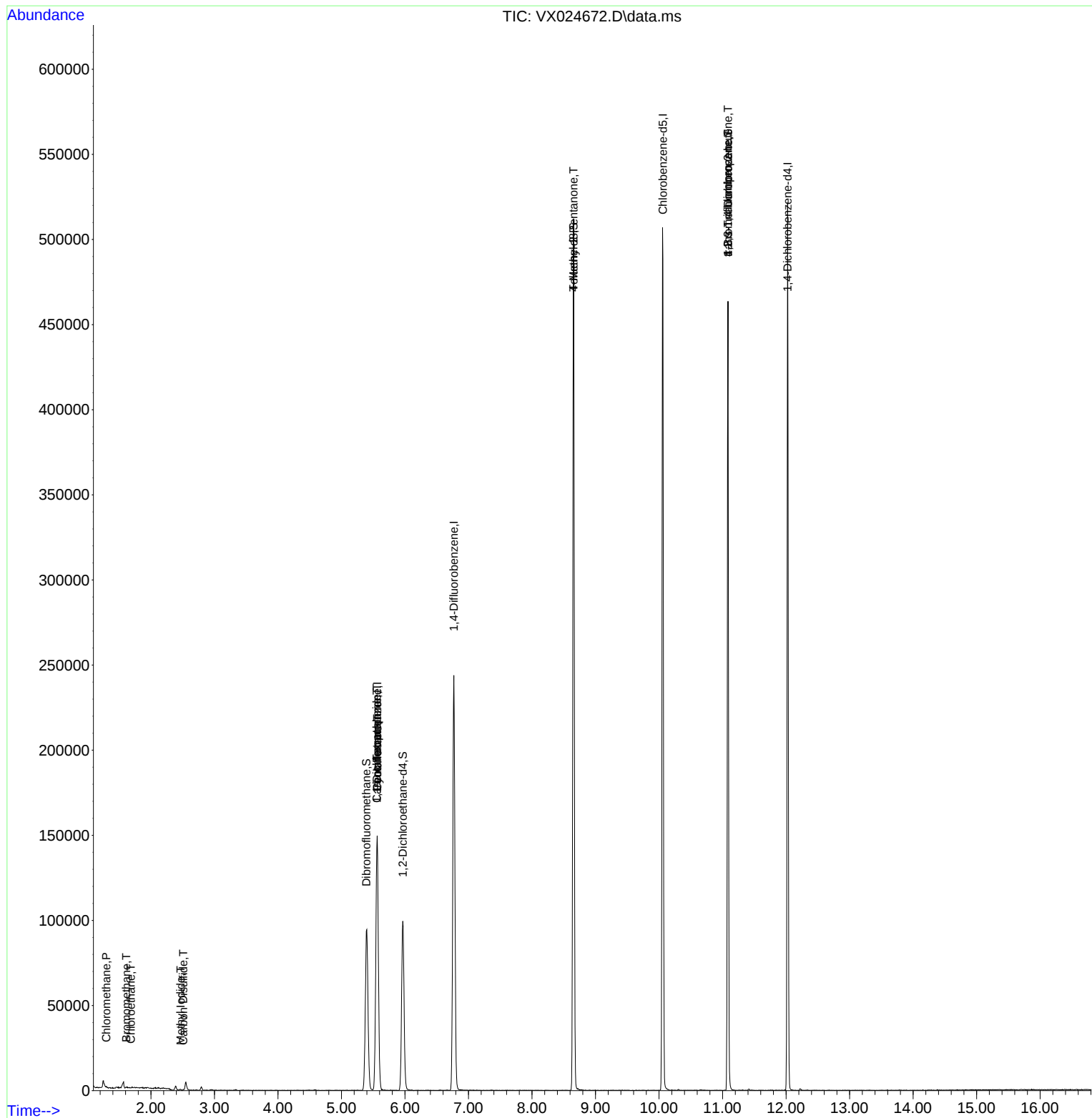
Internal Standards						
1) Pentafluorobenzene	5.562	168	138525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	241105	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	231663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	101076	51.772	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.540%	
35) Dibromofluoromethane	5.391	113	80501	50.259	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.520%	
50) Toluene-d8	8.653	98	290676	49.307	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.620%	
62) 4-Bromofluorobenzene	11.085	95	114275	49.302	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	277	0.211	ug/l #	86
5) Bromomethane	1.611	94	265	0.286	ug/l #	77
6) Chloroethane	1.685	64	62	0.326	ug/l #	43
10) Methyl Iodide	2.465	142	498	0.260	ug/l #	80
11) Tert butyl alcohol	2.965	59	299	Below Cal	#	73
16) Acetone	2.386	43	2267	Below Cal	#	88
17) Carbon Disulfide	2.508	76	431	0.359	ug/l #	75
20) Methylene Chloride	2.794	84	781	Below Cal	#	81
31) Cyclohexane	5.562	56	3001	1.284	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10839	4.689	ug/l #	50
38) Carbon Tetrachloride	5.556	117	14606	5.805	ug/l #	18
51) 4-Methyl-2-Pentanone	8.653	43	1361	0.470	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	62942	26.645	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	62942	72.532	ug/l #	12

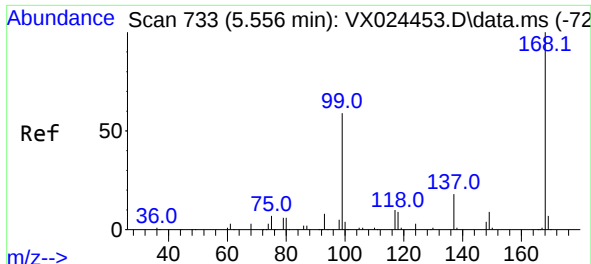
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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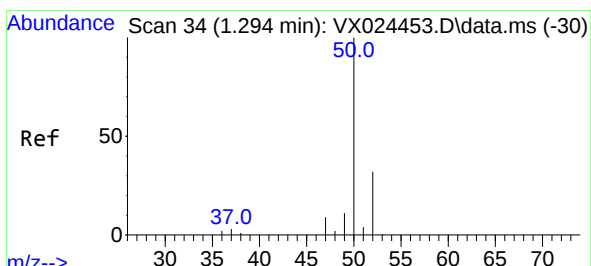
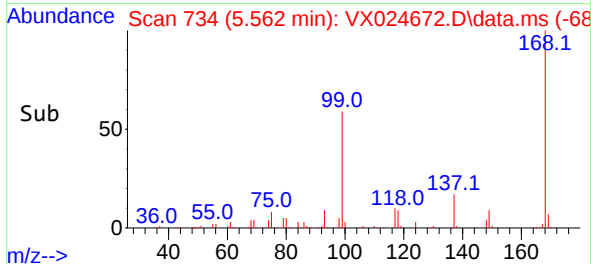
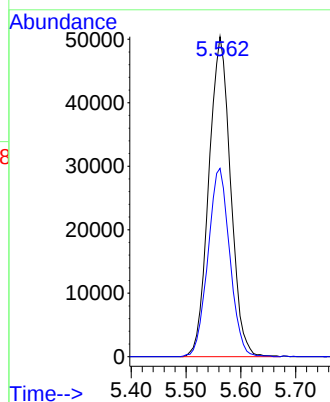
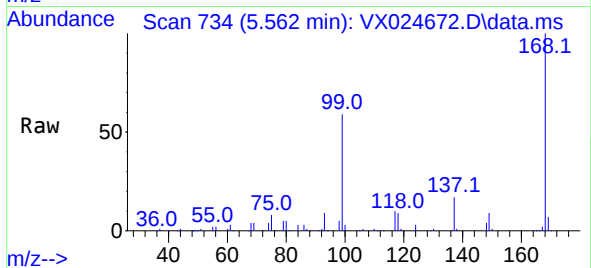




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024672.D
Acq: 08 Oct 2021 15:59

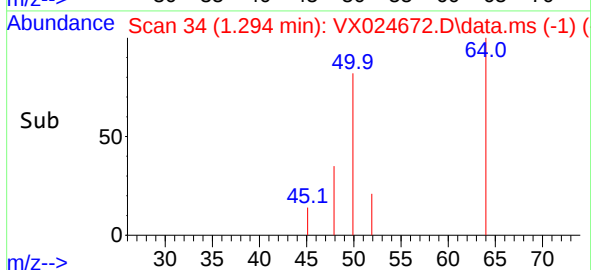
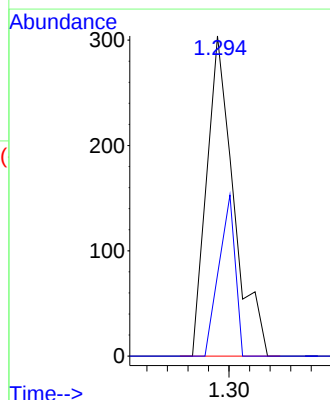
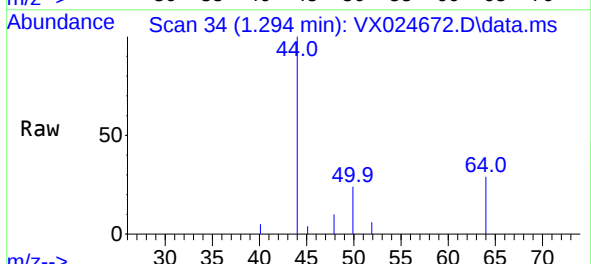
Instrument :
MSVOA_X
ClientSampled :

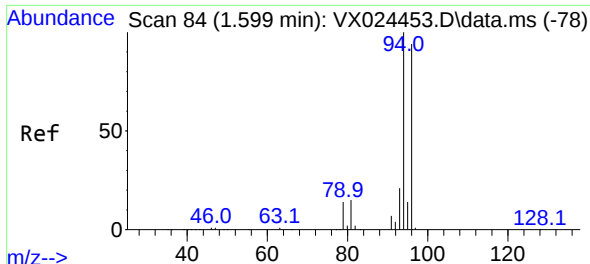
Tgt Ion:168 Resp: 138525
Ion Ratio Lower Upper
168 100
99 58.8 45.8 68.6



#3
Chloromethane
Concen: 0.211 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024672.D
Acq: 08 Oct 2021 15:59

Tgt Ion: 50 Resp: 277
Ion Ratio Lower Upper
50 100
52 25.3 26.4 39.6#

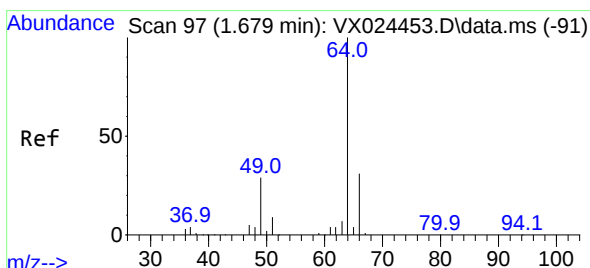
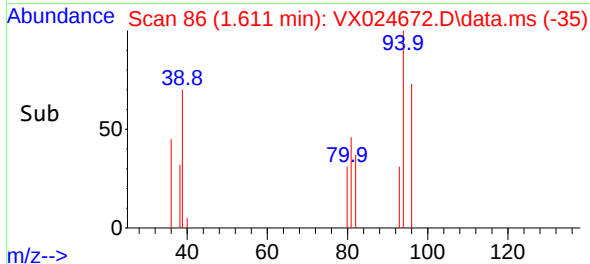
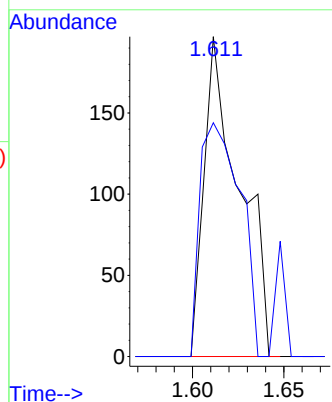
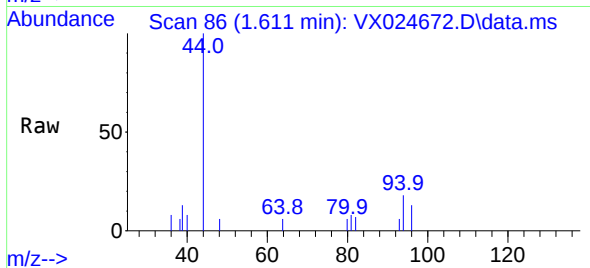




#5
Bromomethane
Concen: 0.286 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX024672.D
Acq: 08 Oct 2021 15:59

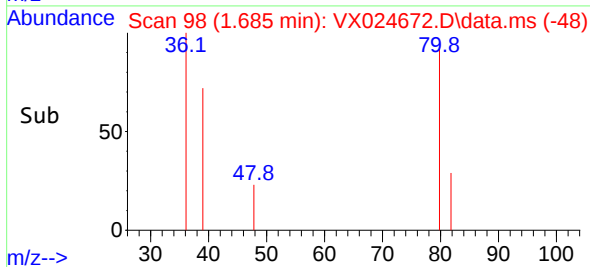
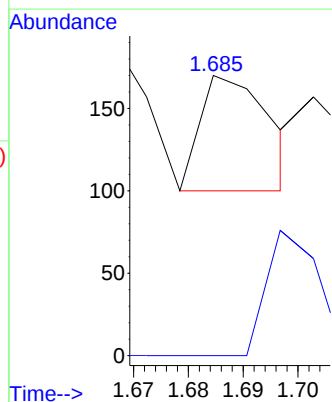
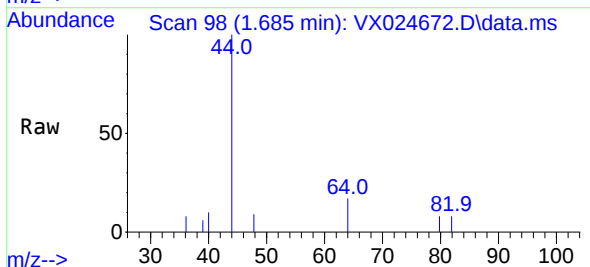
Instrument :
MSVOA_X
ClientSampleId :

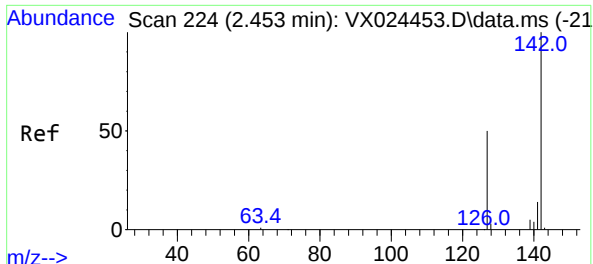
Tgt Ion: 94 Resp: 265
Ion Ratio Lower Upper
94 100
96 73.1 76.4 114.6#



#6
Chloroethane
Concen: 0.326 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX024672.D
Acq: 08 Oct 2021 15:59

Tgt Ion: 64 Resp: 62
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

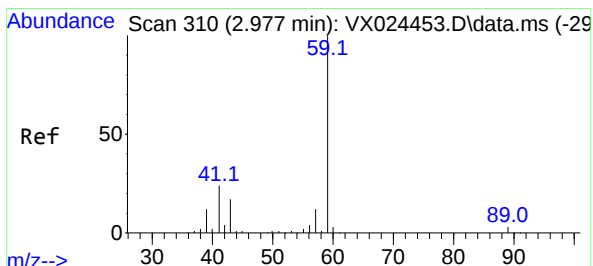
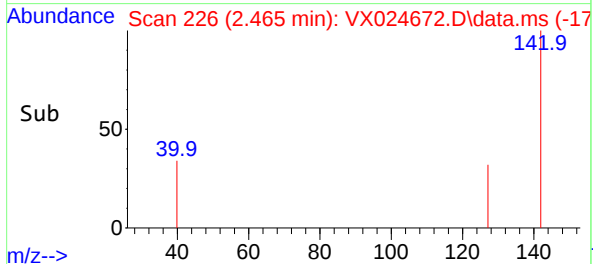
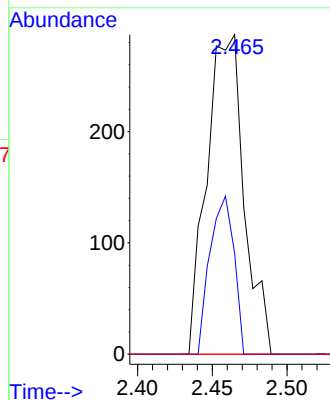
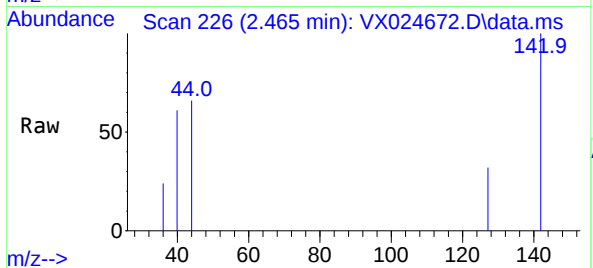




#10
Methyl Iodide
Concen: 0.260 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024672.D
Acq: 08 Oct 2021 15:59

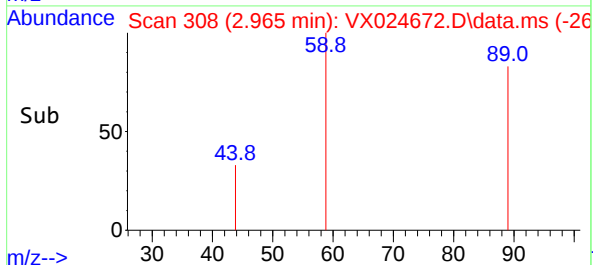
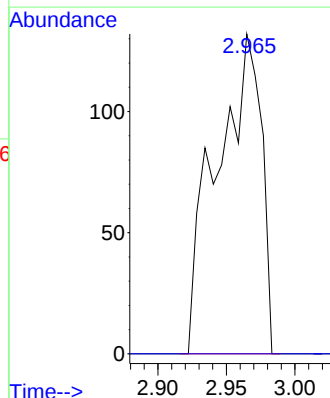
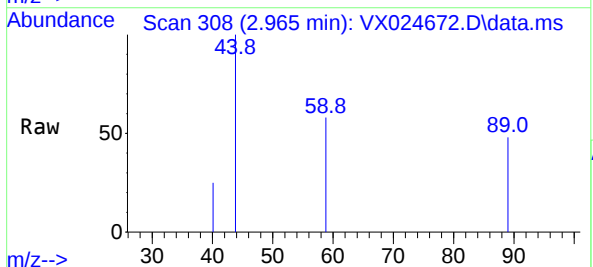
Instrument :
MSVOA_X
ClientSampled :

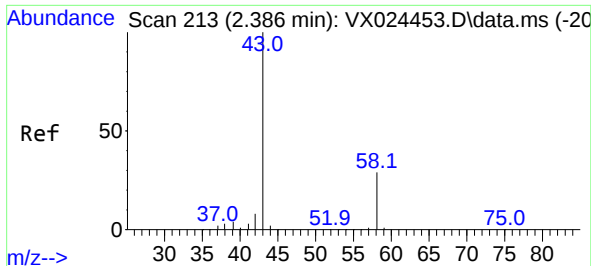
Tgt Ion:142 Resp: 498
Ion Ratio Lower Upper
142 100
127 31.9 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX024672.D
Acq: 08 Oct 2021 15:59

Tgt Ion: 59 Resp: 299
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

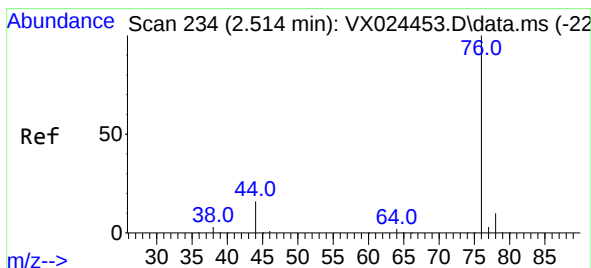
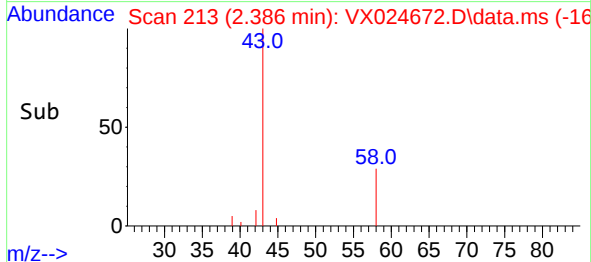
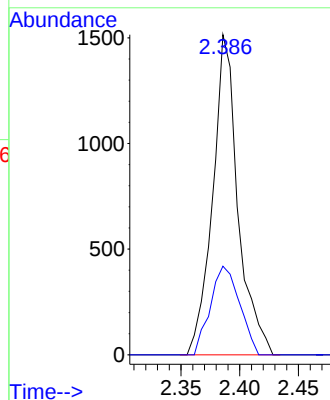
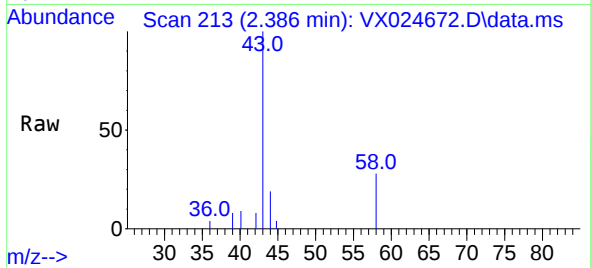




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024672.D
Acq: 08 Oct 2021 15:59

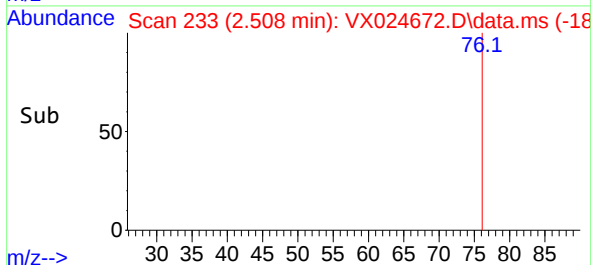
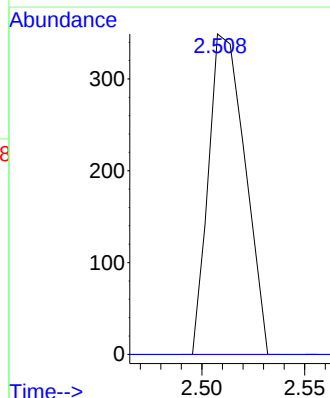
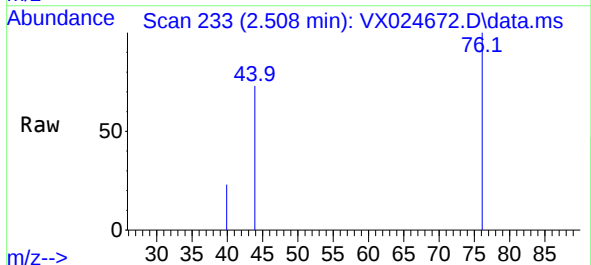
Instrument :
MSVOA_X
ClientSampled :

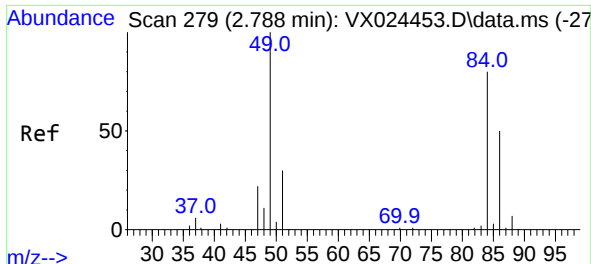
Tgt Ion: 43 Resp: 2267
Ion Ratio Lower Upper
43 100
58 27.7 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.359 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX024672.D
Acq: 08 Oct 2021 15:59

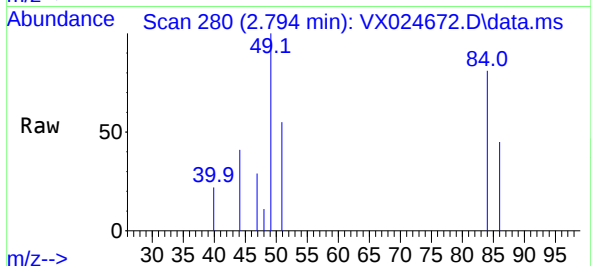
Tgt Ion: 76 Resp: 431
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





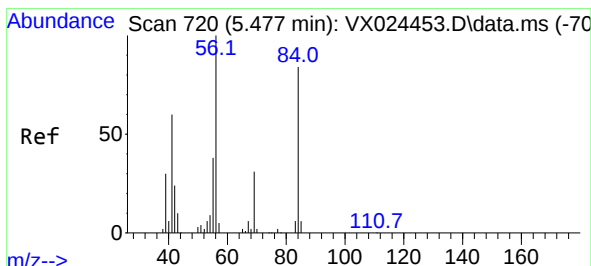
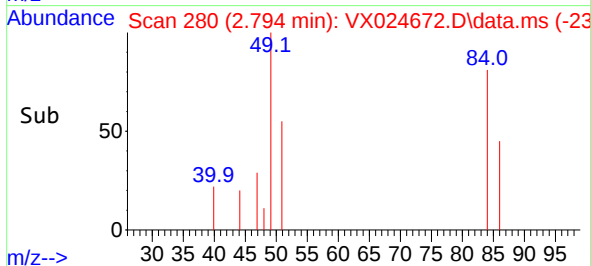
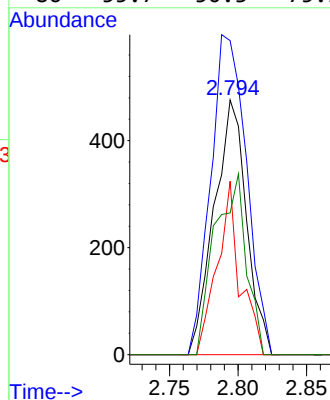
#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX024672.D
Acq: 08 Oct 2021 15:59

Instrument :
MSVOA_X
ClientSampled :

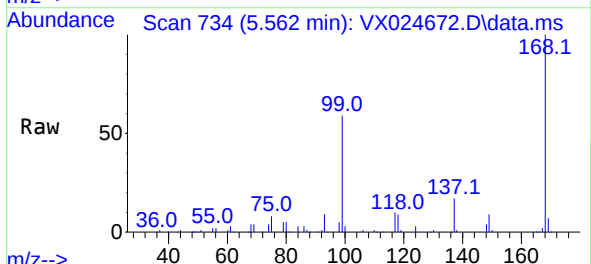


Tgt Ion: 84 Resp: 781

Ion	Ratio	Lower	Upper
84	100		
49	123.3	88.6	132.8
51	68.1	27.0	40.6#
86	55.7	50.3	75.5

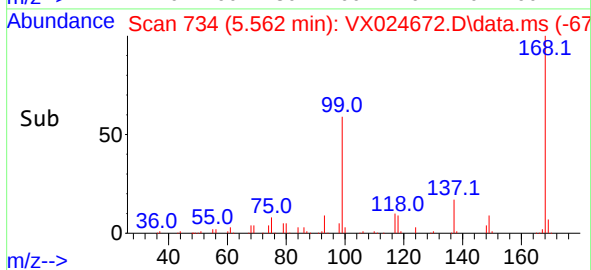
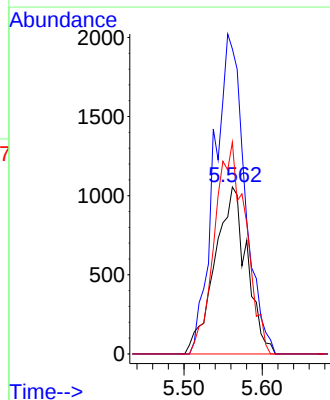


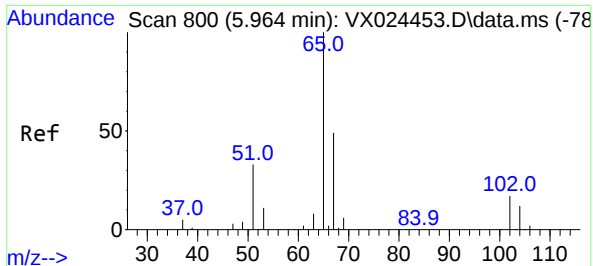
#31
Cyclohexane
Concen: 1.284 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024672.D
Acq: 08 Oct 2021 15:59



Tgt Ion: 56 Resp: 3001

Ion	Ratio	Lower	Upper
56	100		
69	182.7	25.3	37.9#
84	126.8	71.4	107.0#



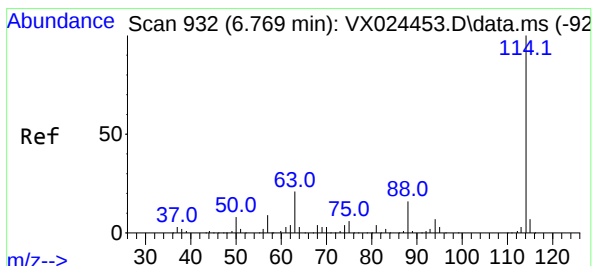
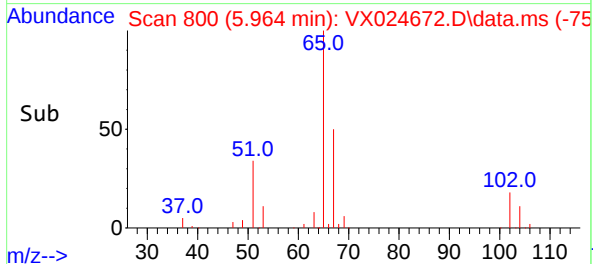
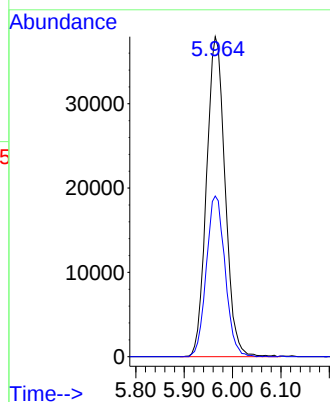
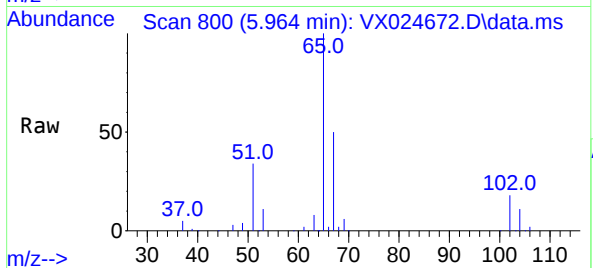


#33

1,2-Dichloroethane-d4
Concen: 51.772 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024672.D
Acq: 08 Oct 2021 15:59

Instrument :
MSVOA_X
ClientSampled :

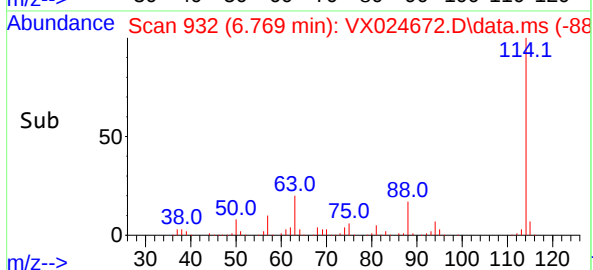
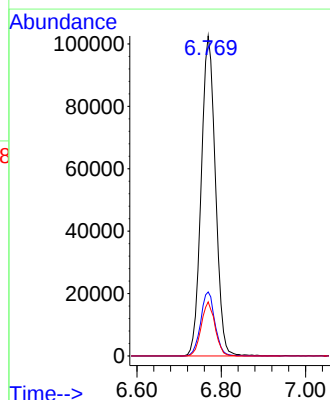
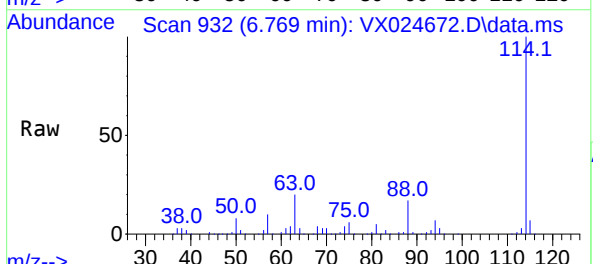
Tgt Ion: 65 Resp: 101076
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.4

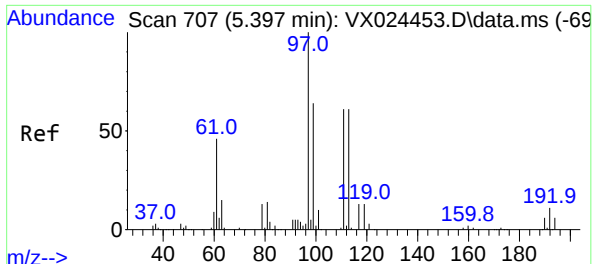


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024672.D
Acq: 08 Oct 2021 15:59

Tgt Ion: 114 Resp: 241105
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.8
88 16.9 0.0 32.8

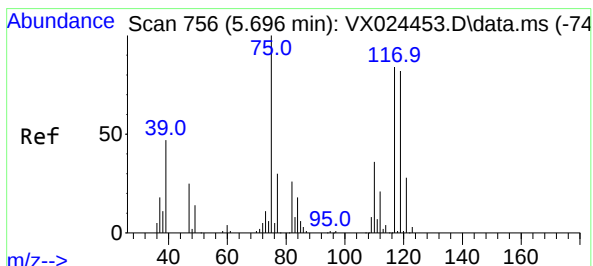
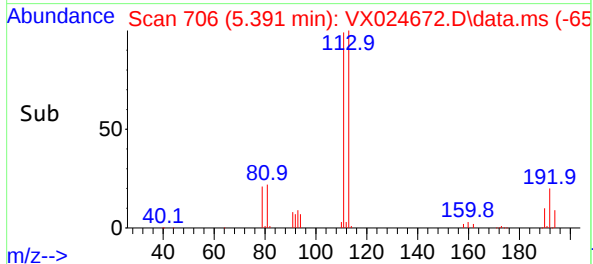
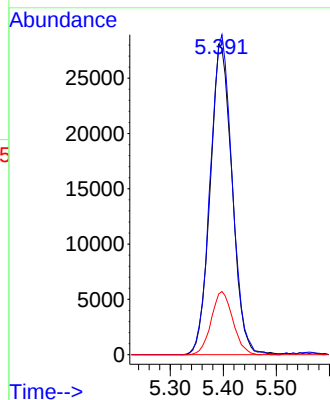
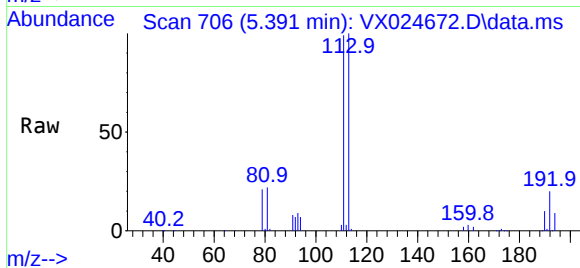




#35
Dibromofluoromethane
Concen: 50.259 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX024672.D
Acq: 08 Oct 2021 15:59

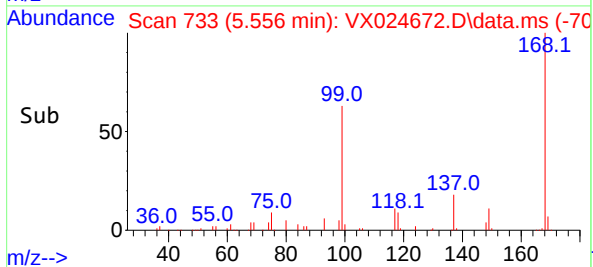
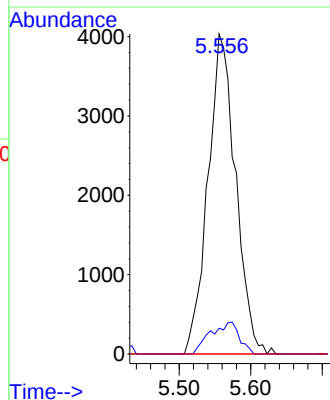
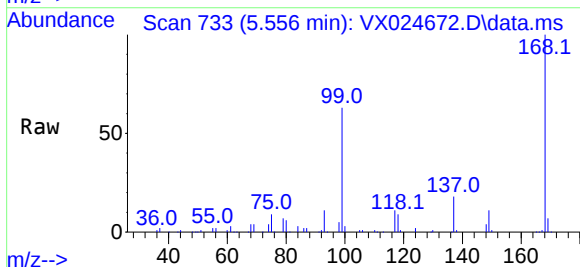
Instrument :
MSVOA_X
ClientSampleId :

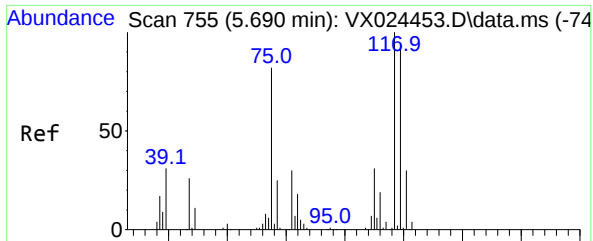
Tgt Ion:113 Resp: 80501
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 20.0 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.689 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX024672.D
Acq: 08 Oct 2021 15:59

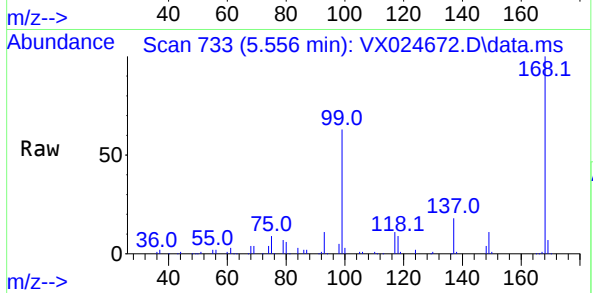
Tgt Ion: 75 Resp: 10839
Ion Ratio Lower Upper
75 100
110 10.4 18.1 54.4#
77 0.0 25.3 37.9#



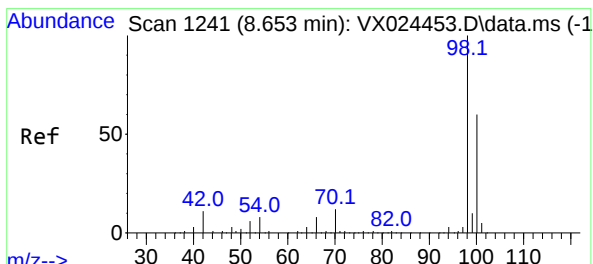
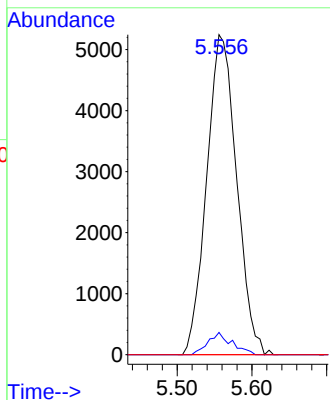
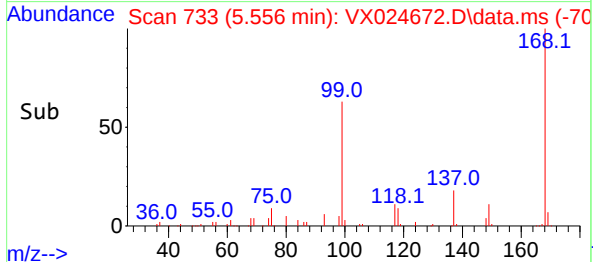


#38
Carbon Tetrachloride
Concen: 5.805 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024672.D
Acq: 08 Oct 2021 15:59

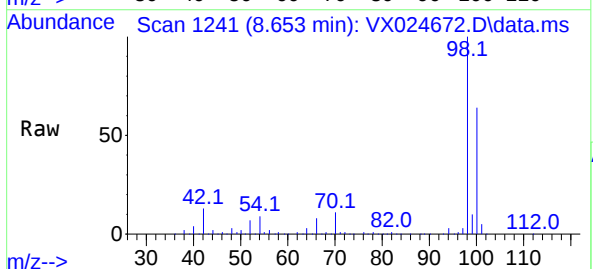
Instrument :
MSVOA_X
ClientSampled :



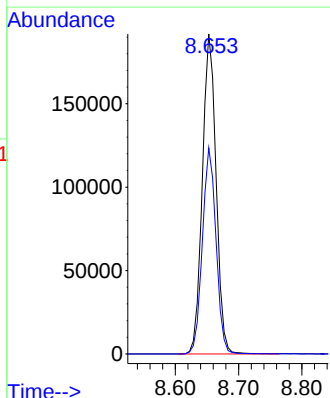
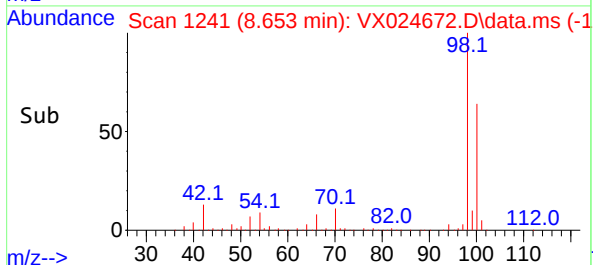
Tgt Ion:117 Resp: 14606
Ion Ratio Lower Upper
117 100
119 7.0 76.2 114.2#
121 0.0 24.8 37.2#

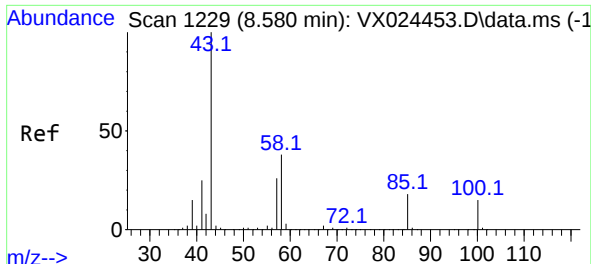


#50
Toluene-d8
Concen: 49.307 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024672.D
Acq: 08 Oct 2021 15:59



Tgt Ion: 98 Resp: 290676
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9

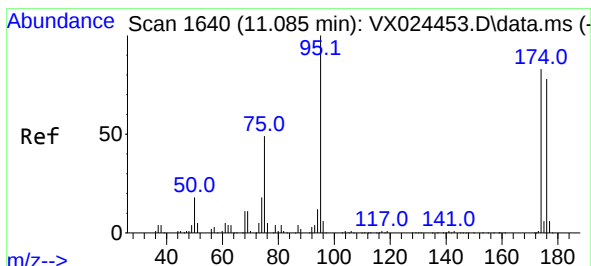
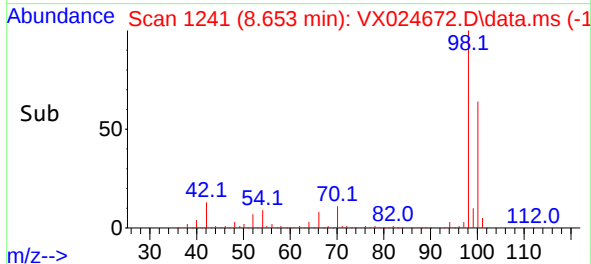
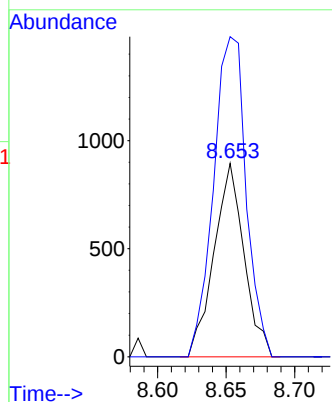
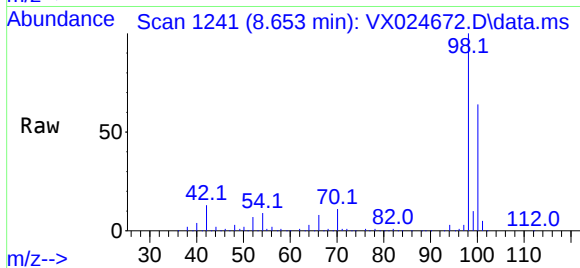




#51
4-Methyl-2-Pentanone
Concen: 0.470 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024672.D
Acq: 08 Oct 2021 15:59

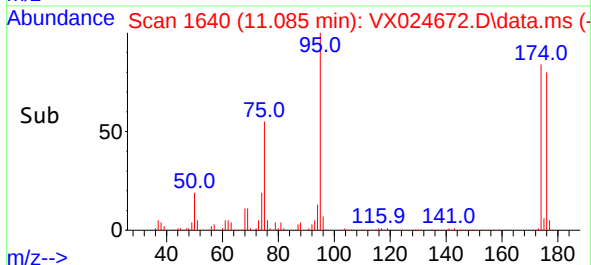
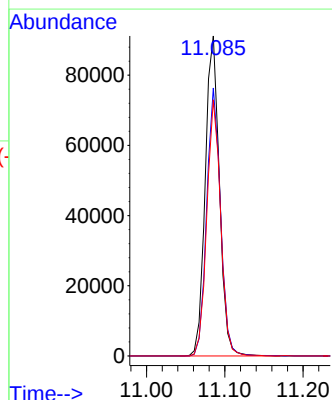
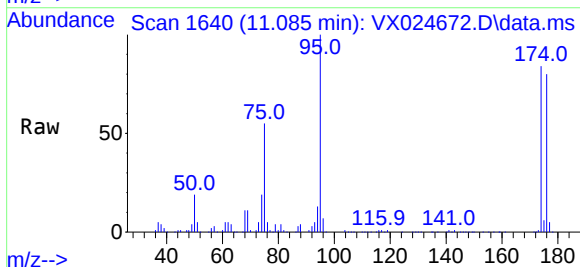
Instrument :
MSVOA_X
ClientSampled :

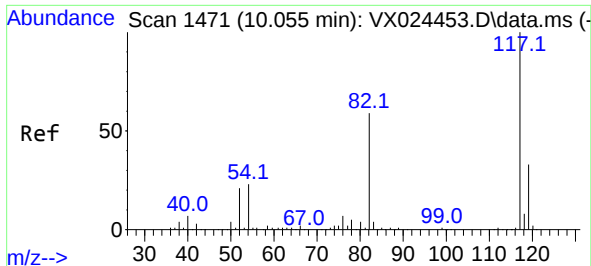
Tgt Ion: 43 Resp: 1361
Ion Ratio Lower Upper
43 100
58 180.3 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 49.302 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024672.D
Acq: 08 Oct 2021 15:59

Tgt Ion: 95 Resp: 114275
Ion Ratio Lower Upper
95 100
174 81.7 0.0 154.6
176 78.2 0.0 155.8

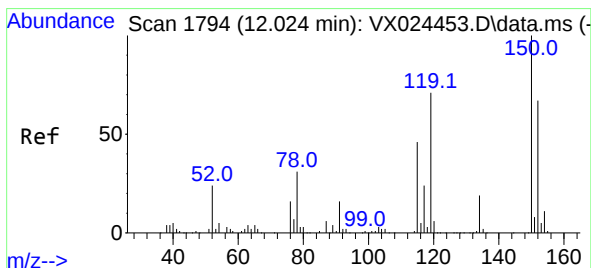
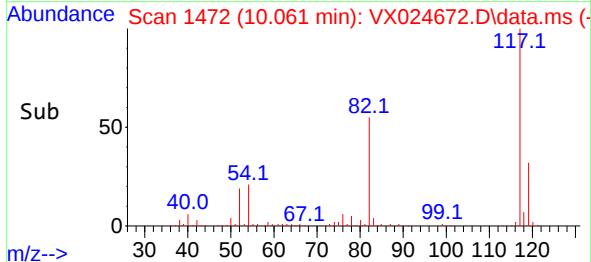
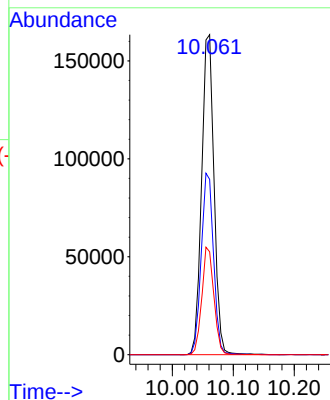
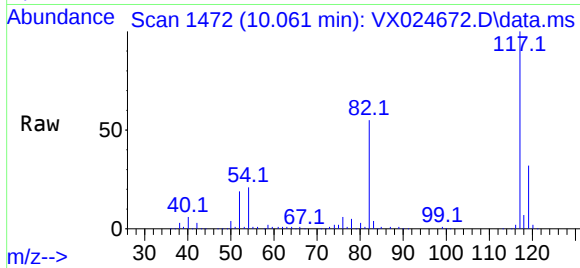




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX024672.D
Acq: 08 Oct 2021 15:59

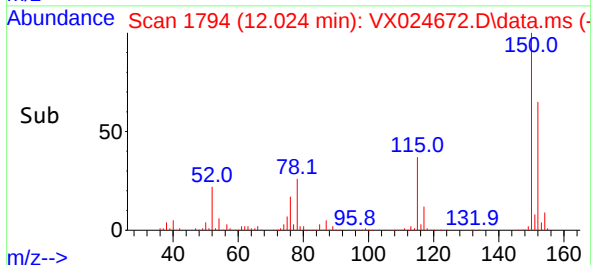
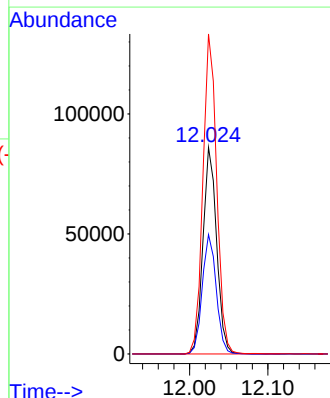
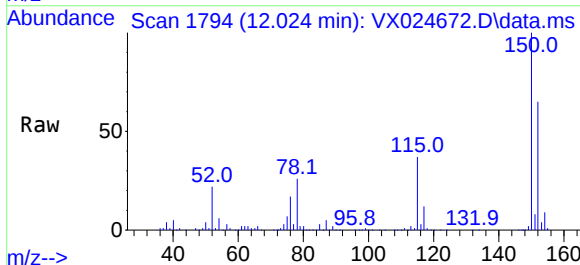
Instrument :
MSVOA_X
ClientSampled :

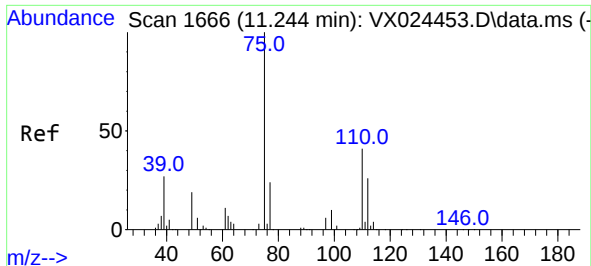
Tgt Ion:117 Resp: 231663
Ion Ratio Lower Upper
117 100
82 54.8 47.4 71.2
119 32.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024672.D
Acq: 08 Oct 2021 15:59

Tgt Ion:152 Resp: 104021
Ion Ratio Lower Upper
152 100
115 59.1 41.1 123.3
150 156.6 0.0 349.0

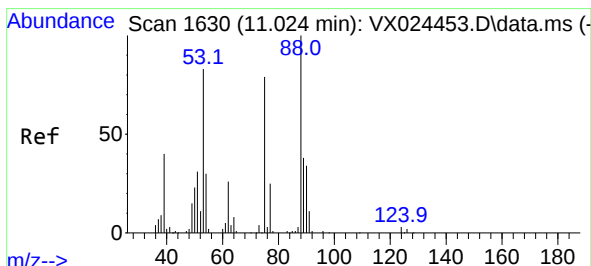
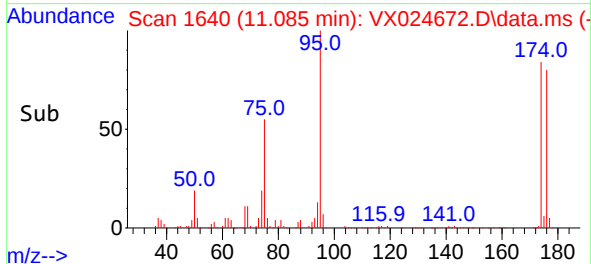
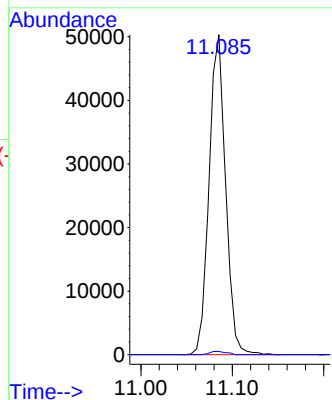
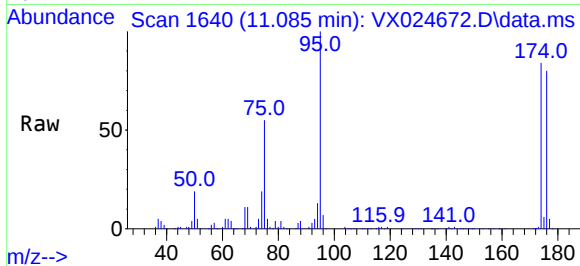




#76
1,2,3-Trichloropropane
Concen: 26.645 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024672.D
Acq: 08 Oct 2021 15:59

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 62942
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.532 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024672.D
Acq: 08 Oct 2021 15:59

Tgt Ion: 75 Resp: 62942
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

