

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100821\
 Data File : VX024697.D
 Acq On : 09 Oct 2021 02:56
 Operator : JC/MD
 Sample : M4157-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 11 06:39:09 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)

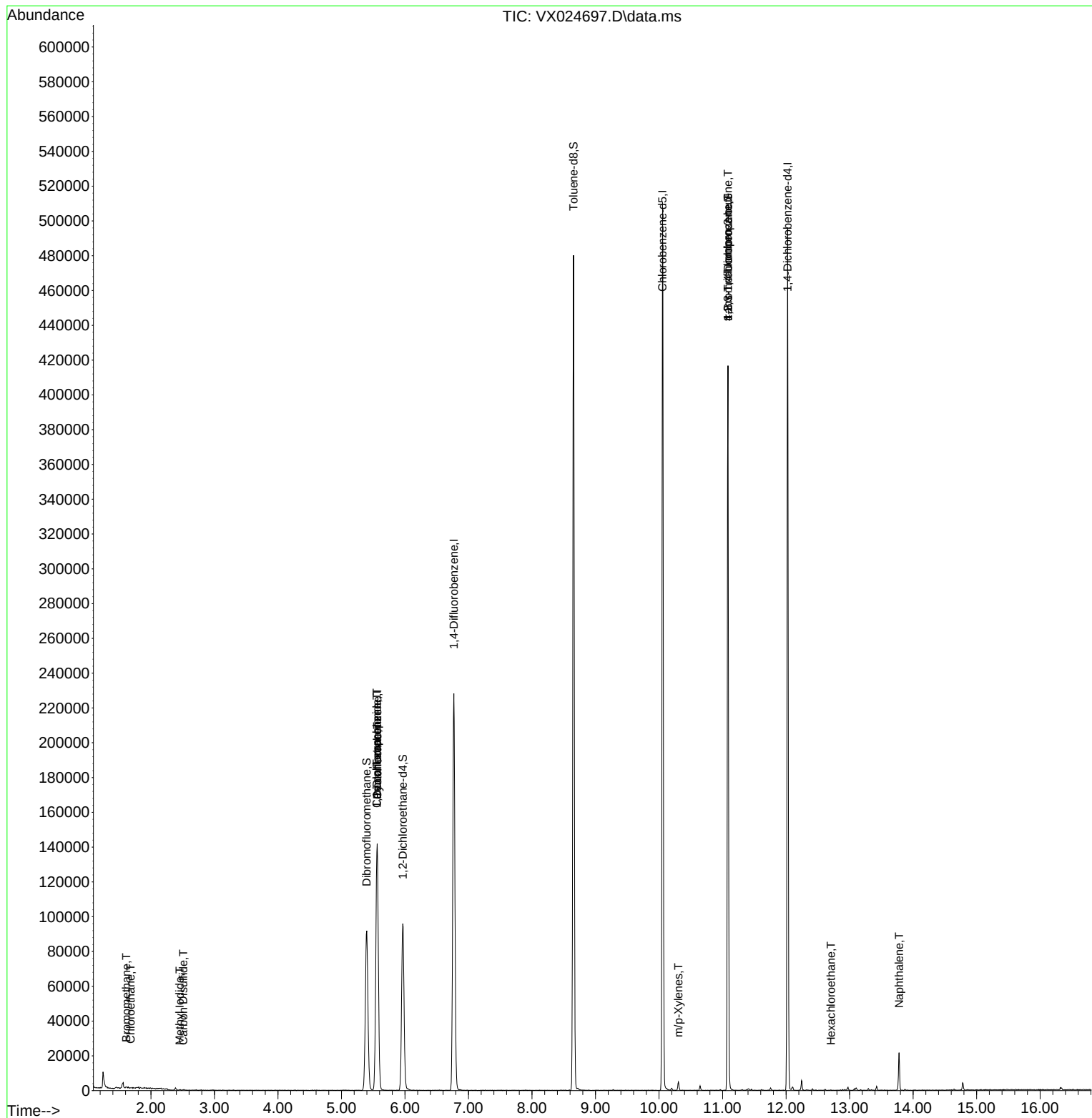
Internal Standards						
1) Pentafluorobenzene	5.562	168	132944	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	228747	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	97271	51.914	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.820%	
35) Dibromofluoromethane	5.397	113	76077	50.063	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.120%	
50) Toluene-d8	8.653	98	279167	49.913	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.820%	
62) 4-Bromofluorobenzene	11.085	95	104287	47.423	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.840%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	264	0.297	ug/l	98
6) Chloroethane	1.679	64	385	0.694	ug/l #	43
10) Methyl Iodide	2.453	142	371	0.202	ug/l #	60
11) Tert butyl alcohol	2.971	59	163	Below Cal	#	73
16) Acetone	2.386	43	1321	Below Cal		88
17) Carbon Disulfide	2.508	76	407	0.357	ug/l #	75
20) Methylene Chloride	2.794	84	134	Below Cal	#	63
31) Cyclohexane	5.562	56	2732	1.218	ug/l #	28
36) 1,1-Dichloropropene	5.556	75	10254	4.676	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13879	5.814	ug/l #	16
68) m/p-Xylenes	10.305	106	1306	0.417	ug/l	91
76) 1,2,3-Trichloropropane	11.085	75	56024	25.179	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	56024	68.647	ug/l #	12
90) Hexachloroethane	12.707	117	270	0.264	ug/l #	9
95) Naphthalene	13.780	128	12666	1.852	ug/l	98

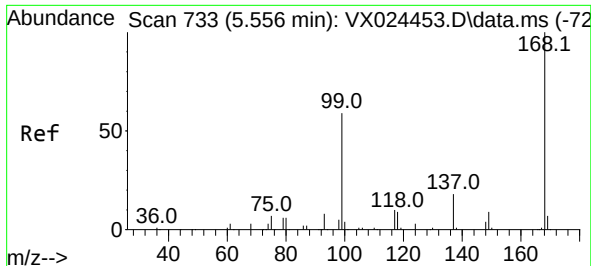
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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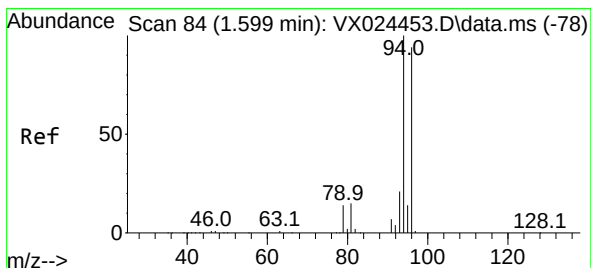
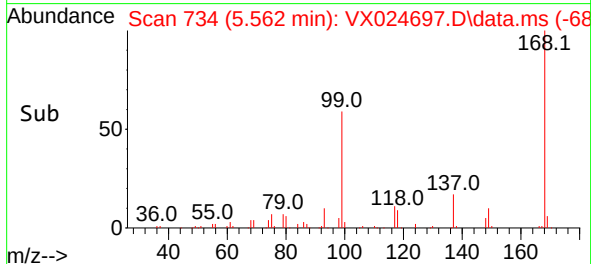
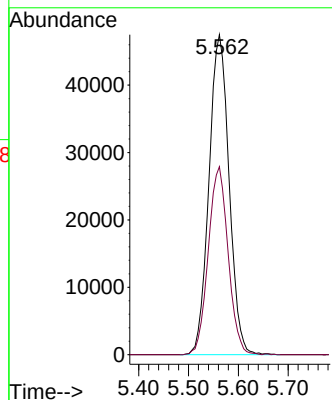
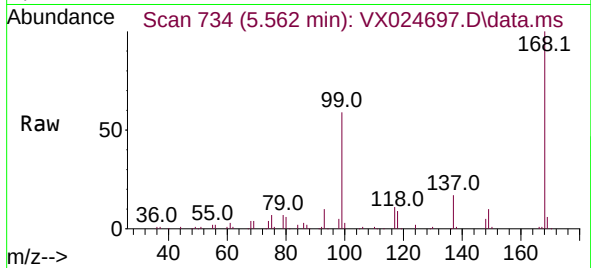




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024697.D
Acq: 09 Oct 2021 02:56

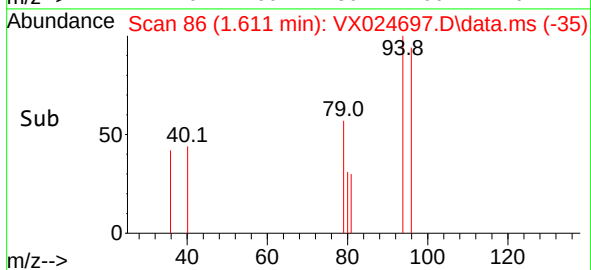
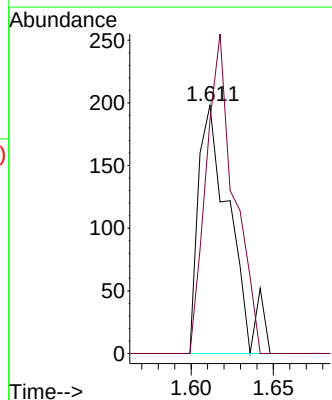
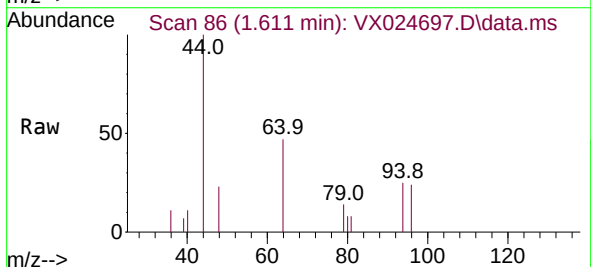
Instrument :
MSVOA_X
ClientSampled :

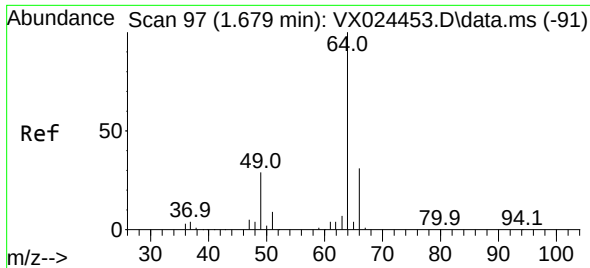
Tgt Ion:168 Resp: 132944
Ion Ratio Lower Upper
168 100
99 58.8 45.8 68.6



#5
Bromomethane
Concen: 0.297 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX024697.D
Acq: 09 Oct 2021 02:56

Tgt Ion: 94 Resp: 264
Ion Ratio Lower Upper
94 100
96 93.9 76.4 114.6

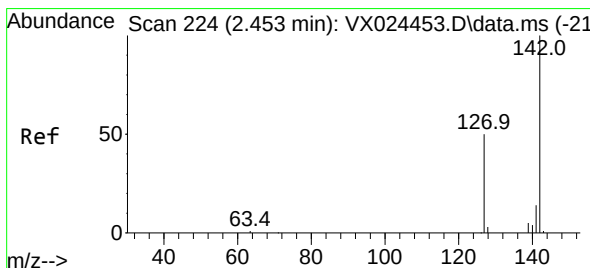
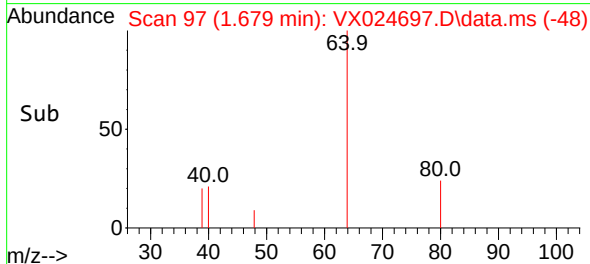
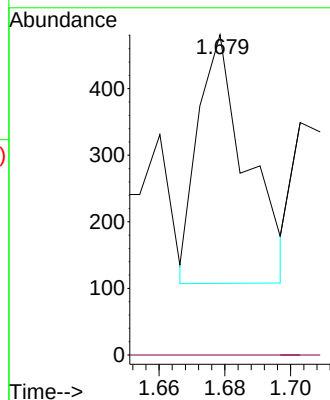
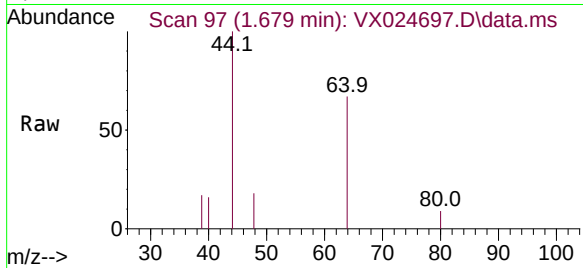




#6
Chloroethane
Concen: 0.694 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX024697.D
Acq: 09 Oct 2021 02:56

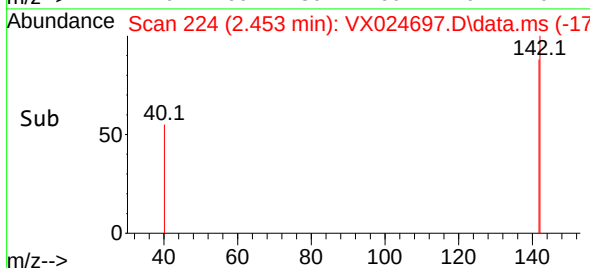
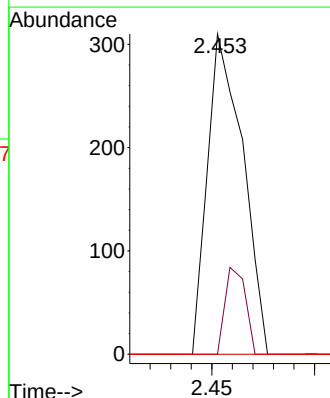
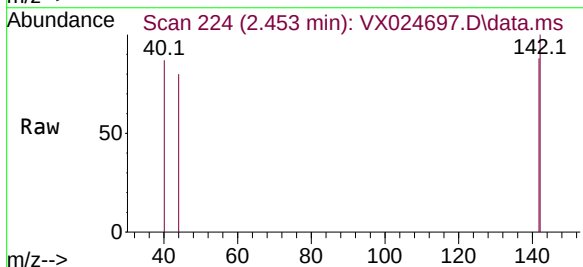
Instrument :
MSVOA_X
ClientSampled :

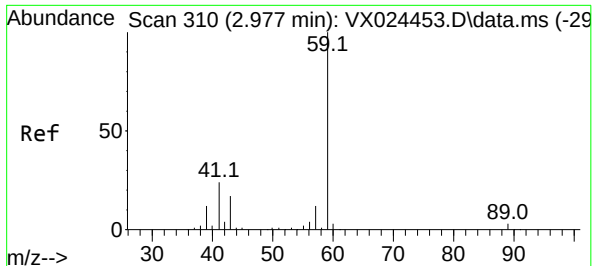
Tgt Ion: 64 Resp: 385
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.202 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX024697.D
Acq: 09 Oct 2021 02:56

Tgt Ion: 142 Resp: 371
Ion Ratio Lower Upper
142 100
127 15.4 33.3 49.9#
141 0.0 11.4 17.0#



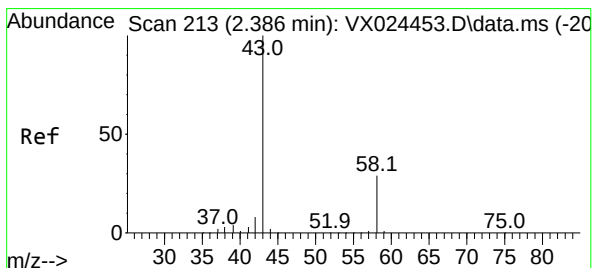
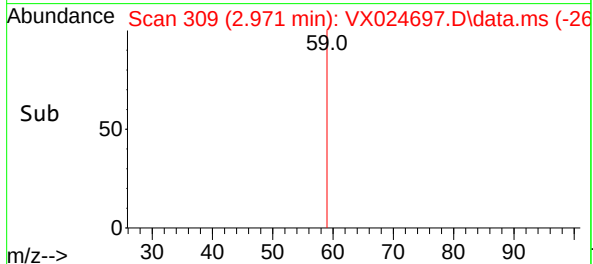
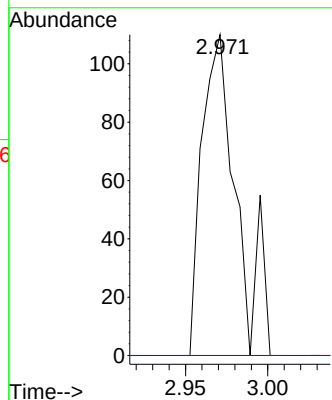
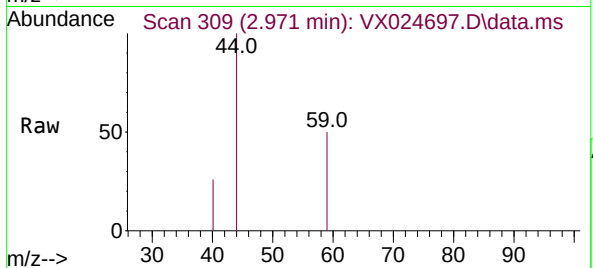


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX024697.D
Acq: 09 Oct 2021 02:56

Instrument :
MSVOA_X
ClientSampled :

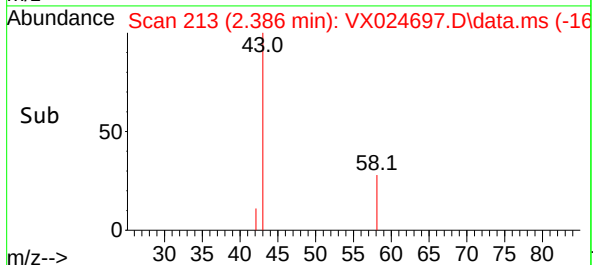
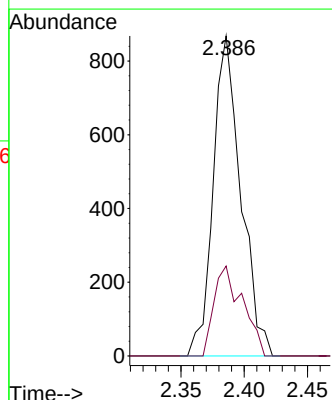
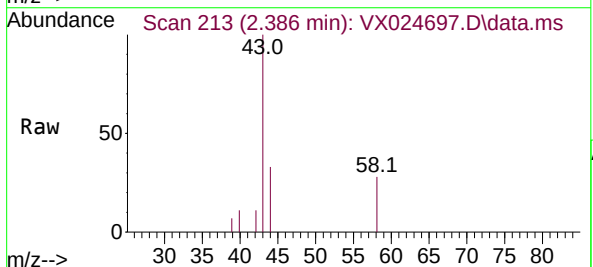
Tgt Ion: 59 Resp: 163
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

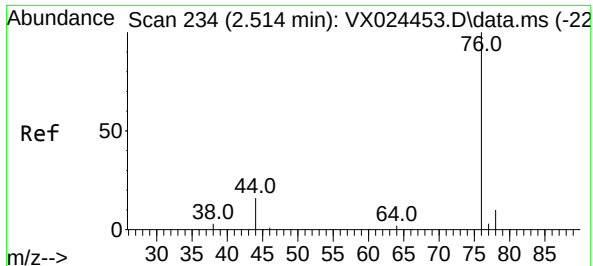


#16

Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024697.D
Acq: 09 Oct 2021 02:56

Tgt Ion: 43 Resp: 1321
Ion Ratio Lower Upper
43 100
58 28.1 27.8 41.8

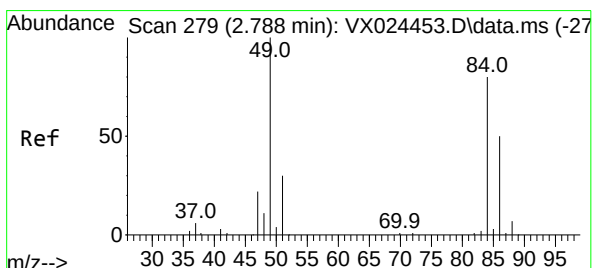
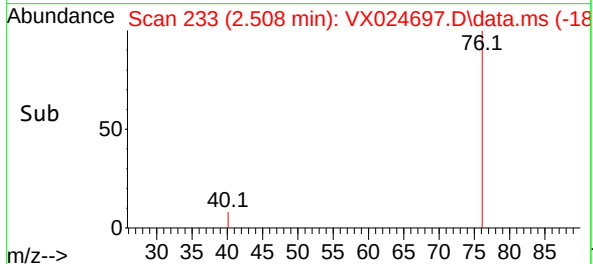
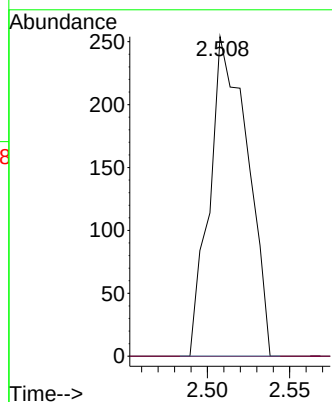
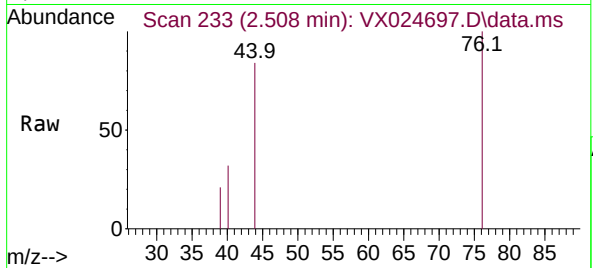




#17
Carbon Disulfide
Concen: 0.357 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX024697.D
Acq: 09 Oct 2021 02:56

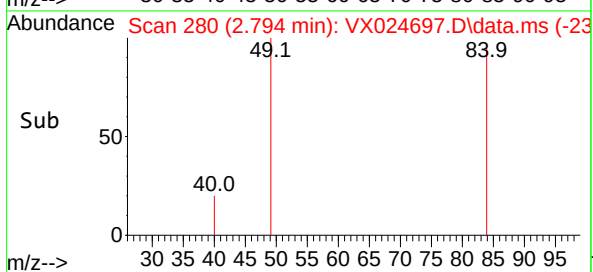
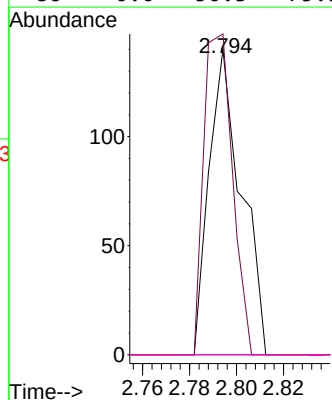
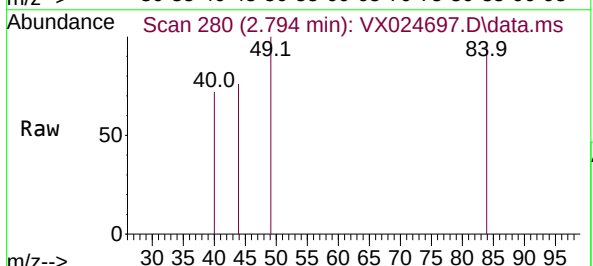
Instrument :
MSVOA_X
ClientSampled :

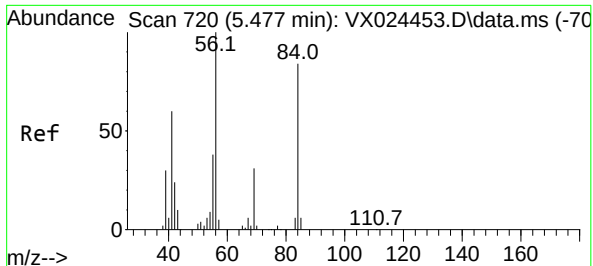
Tgt Ion: 76 Resp: 407
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX024697.D
Acq: 09 Oct 2021 02:56

Tgt Ion: 84 Resp: 134
Ion Ratio Lower Upper
84 100
49 105.0 88.6 132.8
51 0.0 27.0 40.6#
86 0.0 50.3 75.5#

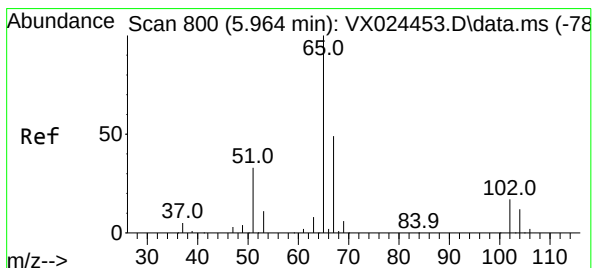
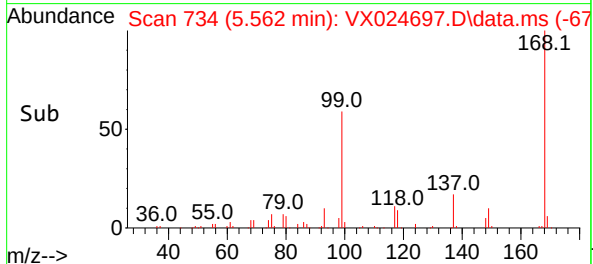
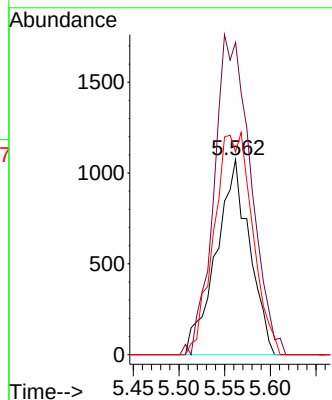
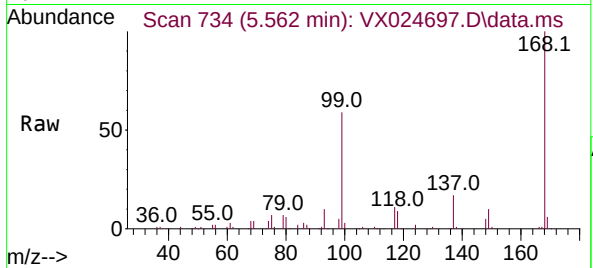




#31
Cyclohexane
Concen: 1.218 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024697.D
Acq: 09 Oct 2021 02:56

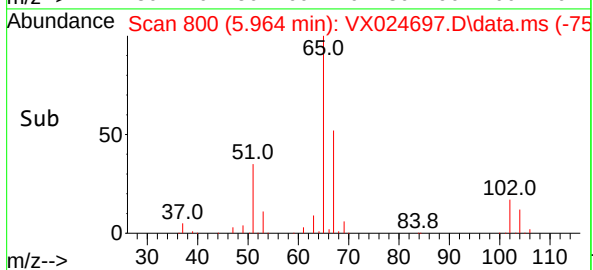
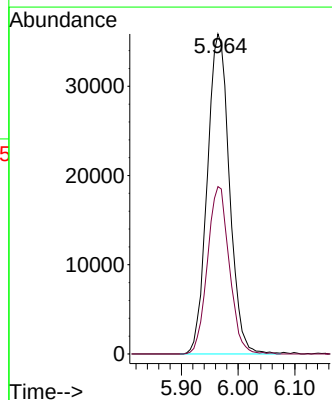
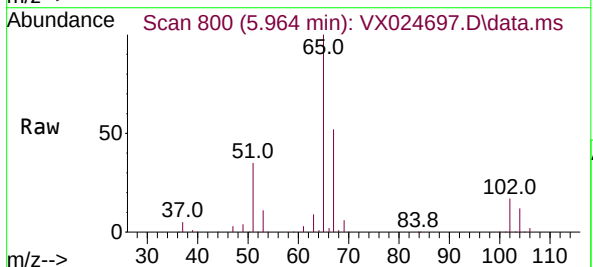
Instrument :
MSVOA_X
ClientSampled :

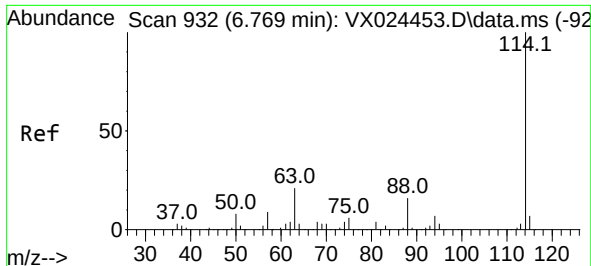
Tgt Ion: 56 Resp: 2732
Ion Ratio Lower Upper
56 100
69 160.0 25.3 37.9#
84 103.9 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 51.914 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024697.D
Acq: 09 Oct 2021 02:56

Tgt Ion: 65 Resp: 97271
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.4

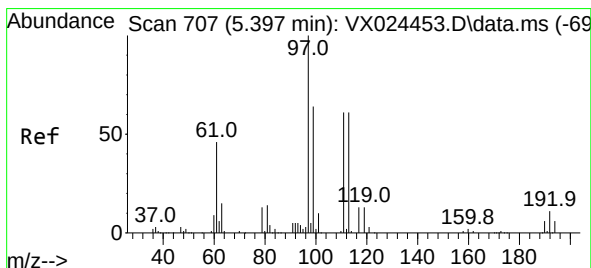
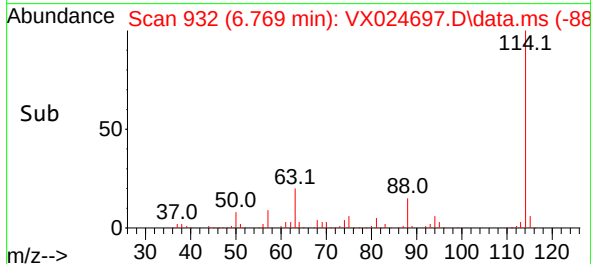
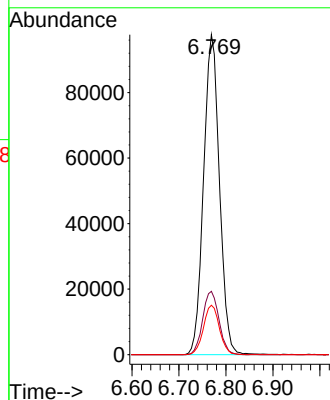
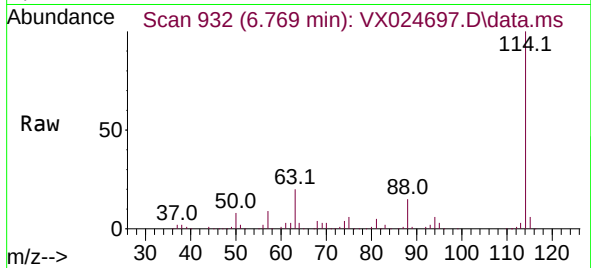




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024697.D
Acq: 09 Oct 2021 02:56

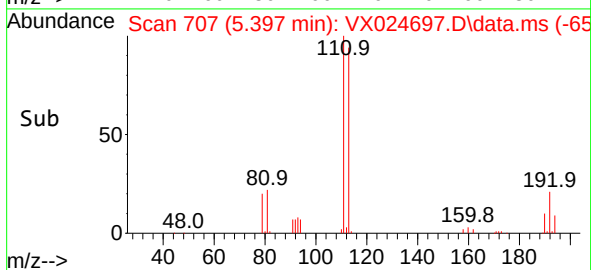
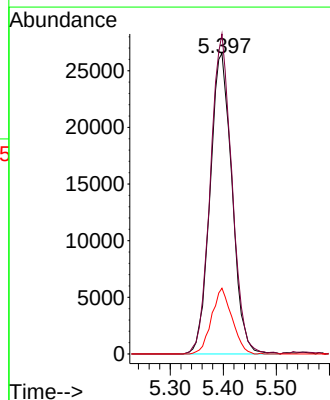
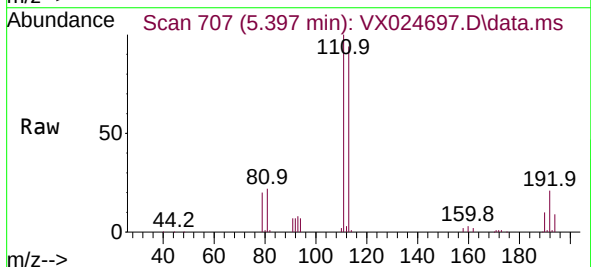
Instrument :
MSVOA_X
ClientSampled :

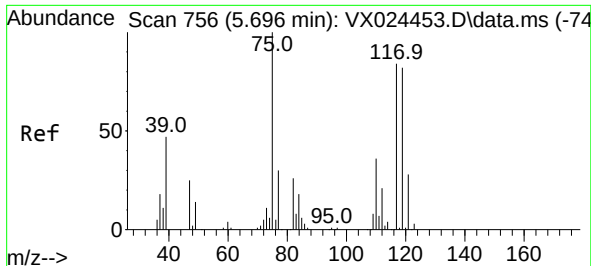
Tgt Ion:114 Resp: 228747
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.8
88 15.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.063 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024697.D
Acq: 09 Oct 2021 02:56

Tgt Ion:113 Resp: 76077
Ion Ratio Lower Upper
113 100
111 104.6 81.9 122.9
192 20.4 16.7 25.1

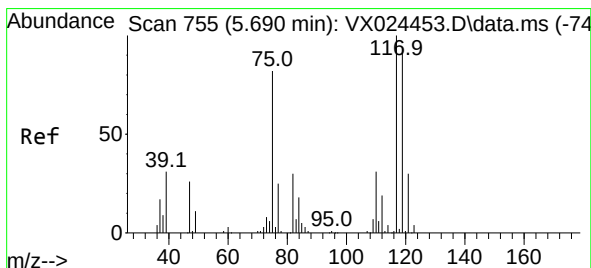
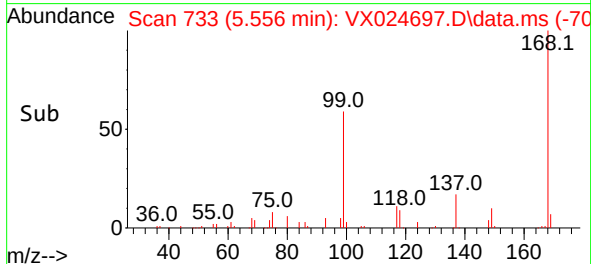
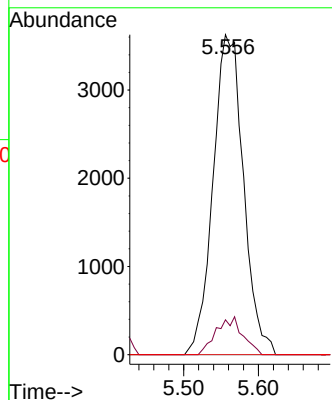
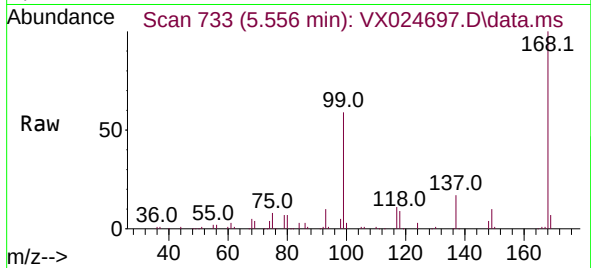




#36
1,1-Dichloropropene
Concen: 4.676 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX024697.D
Acq: 09 Oct 2021 02:56

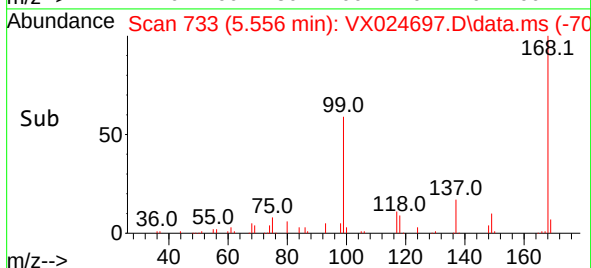
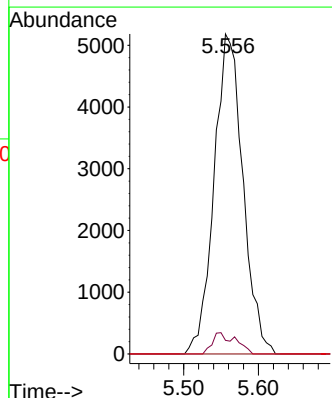
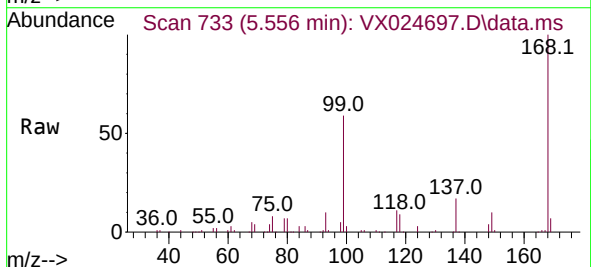
Instrument :
MSVOA_X
ClientSampled :

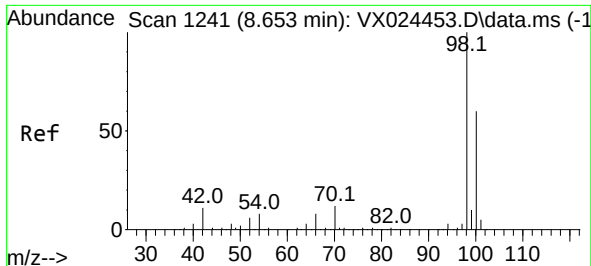
Tgt Ion: 75 Resp: 10254
Ion Ratio Lower Upper
75 100
110 10.3 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.814 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024697.D
Acq: 09 Oct 2021 02:56

Tgt Ion: 117 Resp: 13879
Ion Ratio Lower Upper
117 100
119 4.3 76.2 114.2#
121 0.0 24.8 37.2#

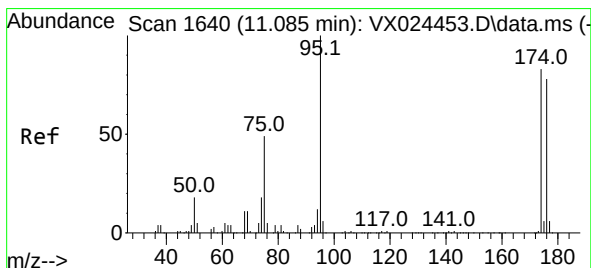
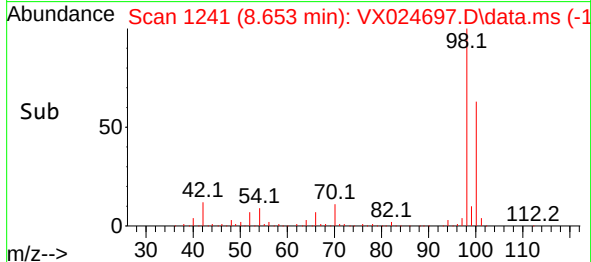
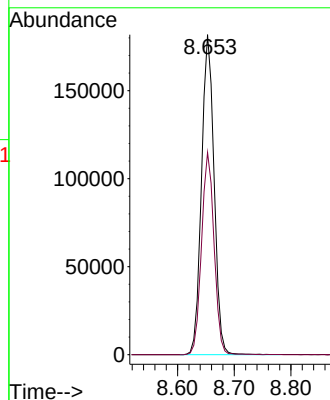
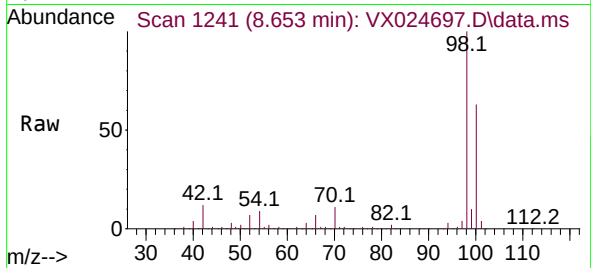




#50
Toluene-d8
Concen: 49.913 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024697.D
Acq: 09 Oct 2021 02:56

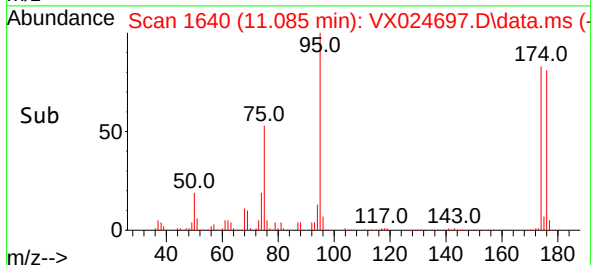
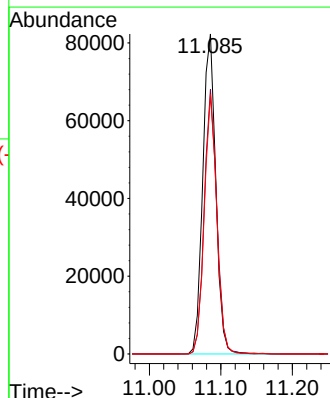
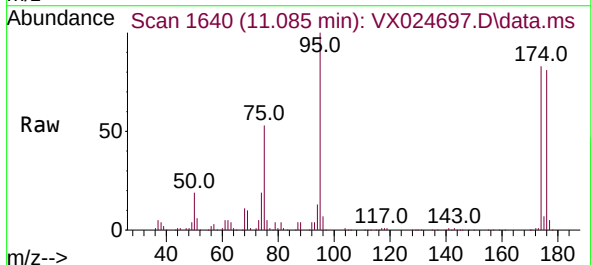
Instrument :
MSVOA_X
ClientSampleId :

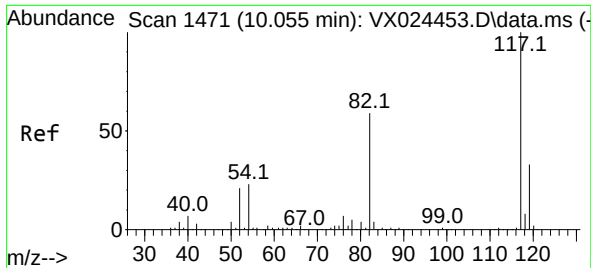
Tgt Ion: 98 Resp: 279167
Ion Ratio Lower Upper
98 100
100 63.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.423 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024697.D
Acq: 09 Oct 2021 02:56

Tgt Ion: 95 Resp: 104287
Ion Ratio Lower Upper
95 100
174 80.0 0.0 154.6
176 78.1 0.0 155.8

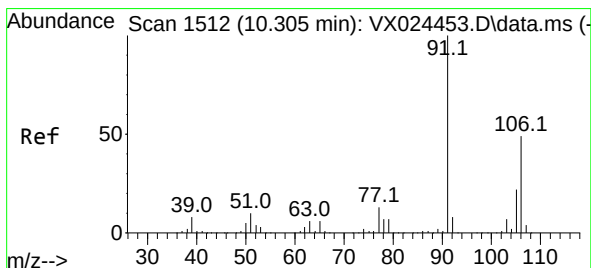
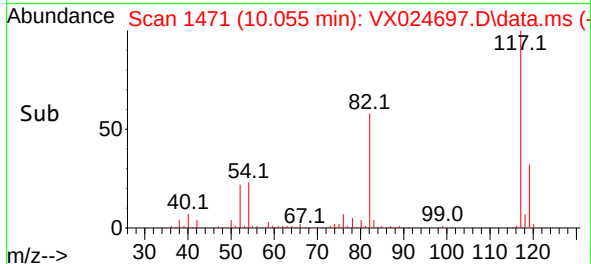
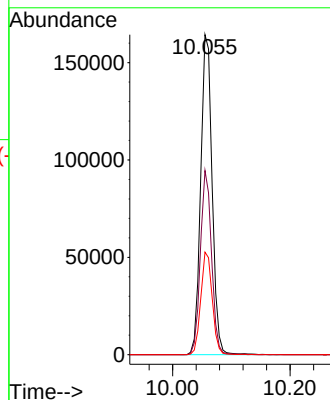
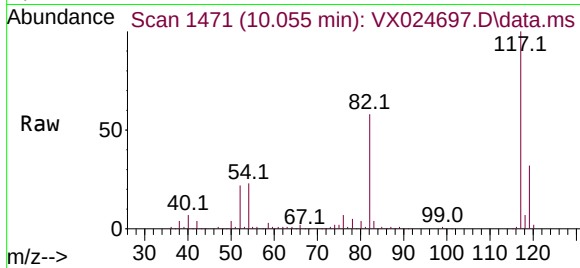




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024697.D
Acq: 09 Oct 2021 02:56

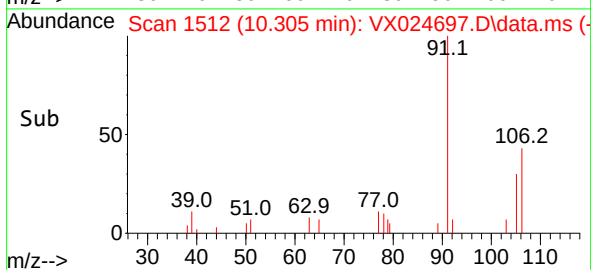
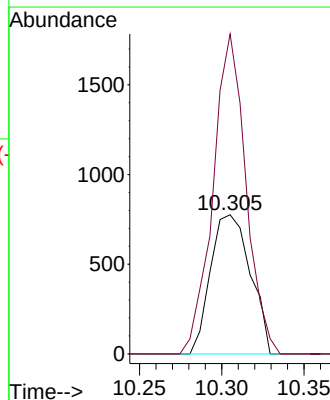
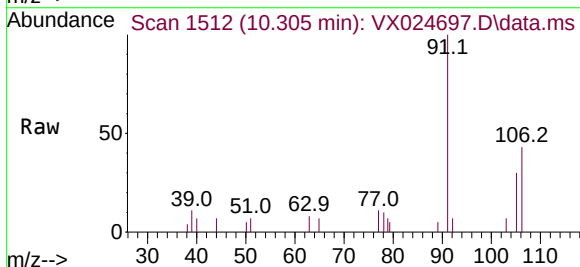
Instrument :
MSVOA_X
ClientSampled :

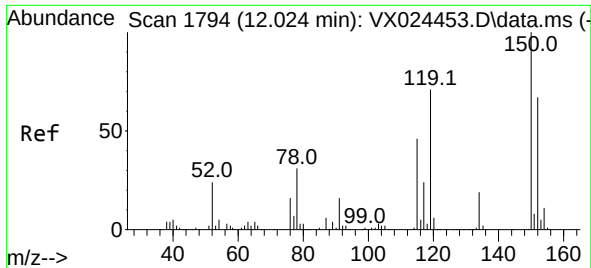
Tgt Ion:117 Resp: 221213
Ion Ratio Lower Upper
117 100
82 57.5 47.4 71.2
119 32.0 26.6 39.8



#68
m/p-Xylenes
Concen: 0.417 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX024697.D
Acq: 09 Oct 2021 02:56

Tgt Ion:106 Resp: 1306
Ion Ratio Lower Upper
106 100
91 189.9 162.8 244.2

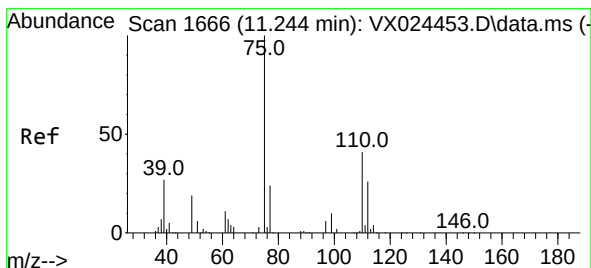
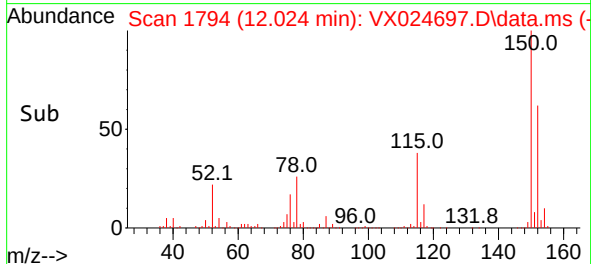
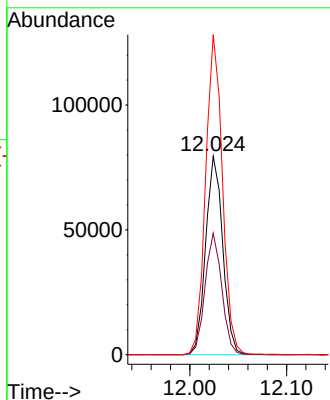
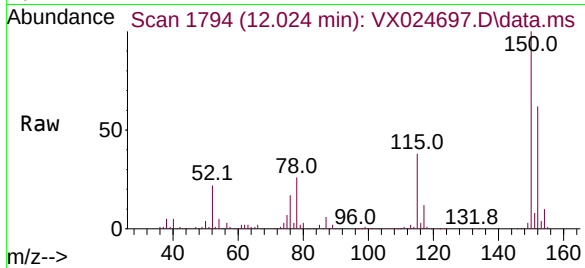




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024697.D
 Acq: 09 Oct 2021 02:56

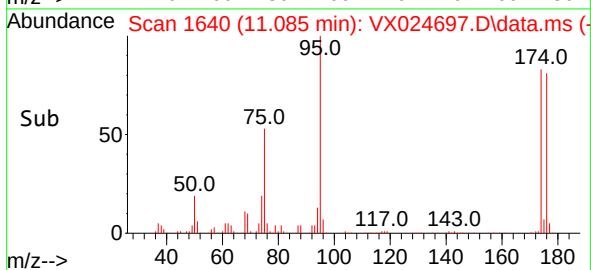
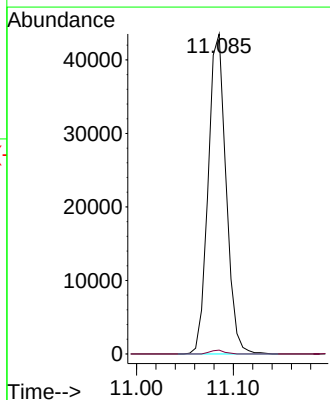
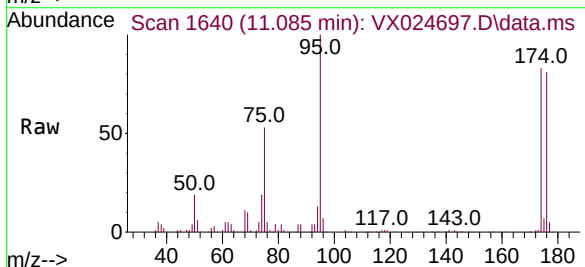
Instrument :
 MSVOA_X
 ClientSampled :

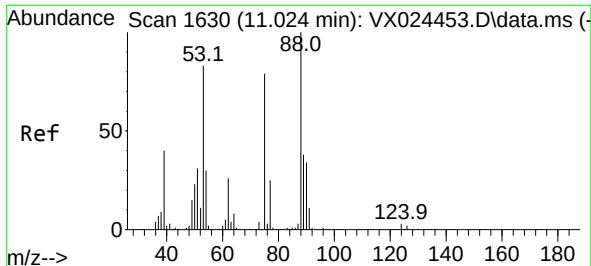
Tgt Ion:152 Resp: 97980
 Ion Ratio Lower Upper
 152 100
 115 60.1 41.1 123.3
 150 158.1 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.179 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024697.D
 Acq: 09 Oct 2021 02:56

Tgt Ion: 75 Resp: 56024
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#

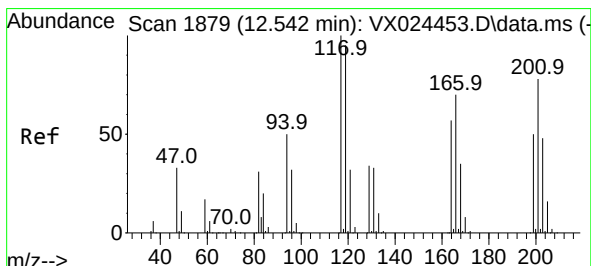
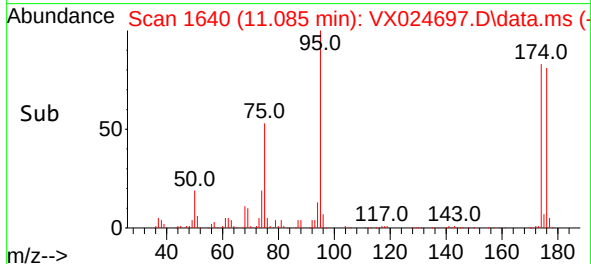
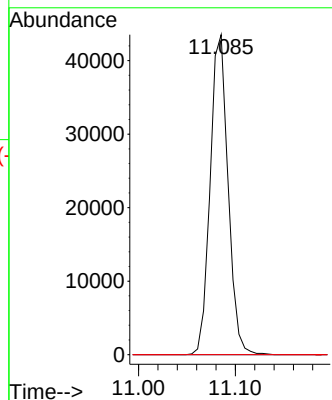
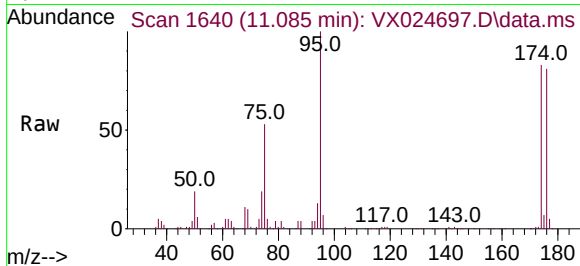




#81
trans-1,4-Dichloro-2-butene
Concen: 68.647 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024697.D
Acq: 09 Oct 2021 02:56

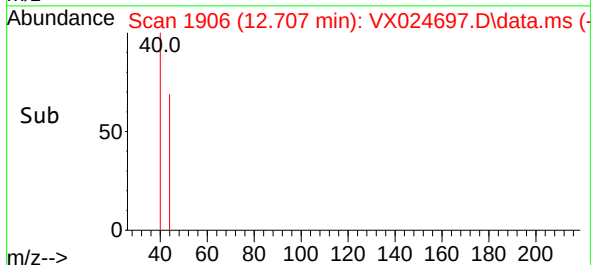
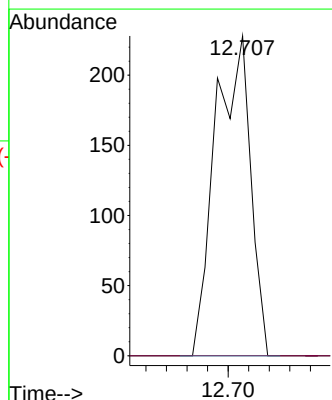
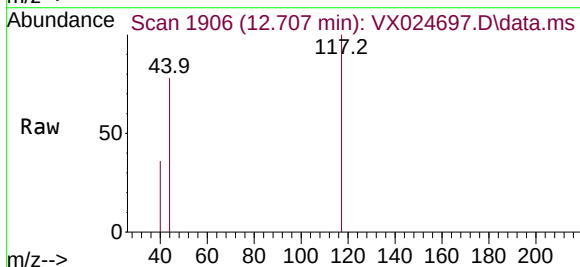
Instrument :
MSVOA_X
ClientSampled :

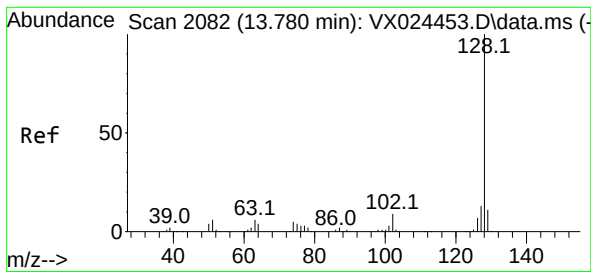
Tgt Ion: 75 Resp: 56024
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#90
Hexachloroethane
Concen: 0.264 ug/l
RT: 12.707 min Scan# 1906
Delta R.T. 0.165 min
Lab File: VX024697.D
Acq: 09 Oct 2021 02:56

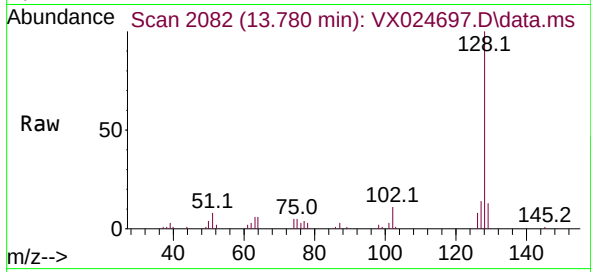
Tgt Ion: 117 Resp: 270
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#





#95
Naphthalene
Concen: 1.852 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024697.D
Acq: 09 Oct 2021 02:56

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	12666
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.3	15.5
129	11.5	8.8	13.2

