

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101221\
 Data File : VX024767.D
 Acq On : 12 Oct 2021 16:47
 Operator : JC/MD
 Sample : M4170-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 12 17:24:35 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)

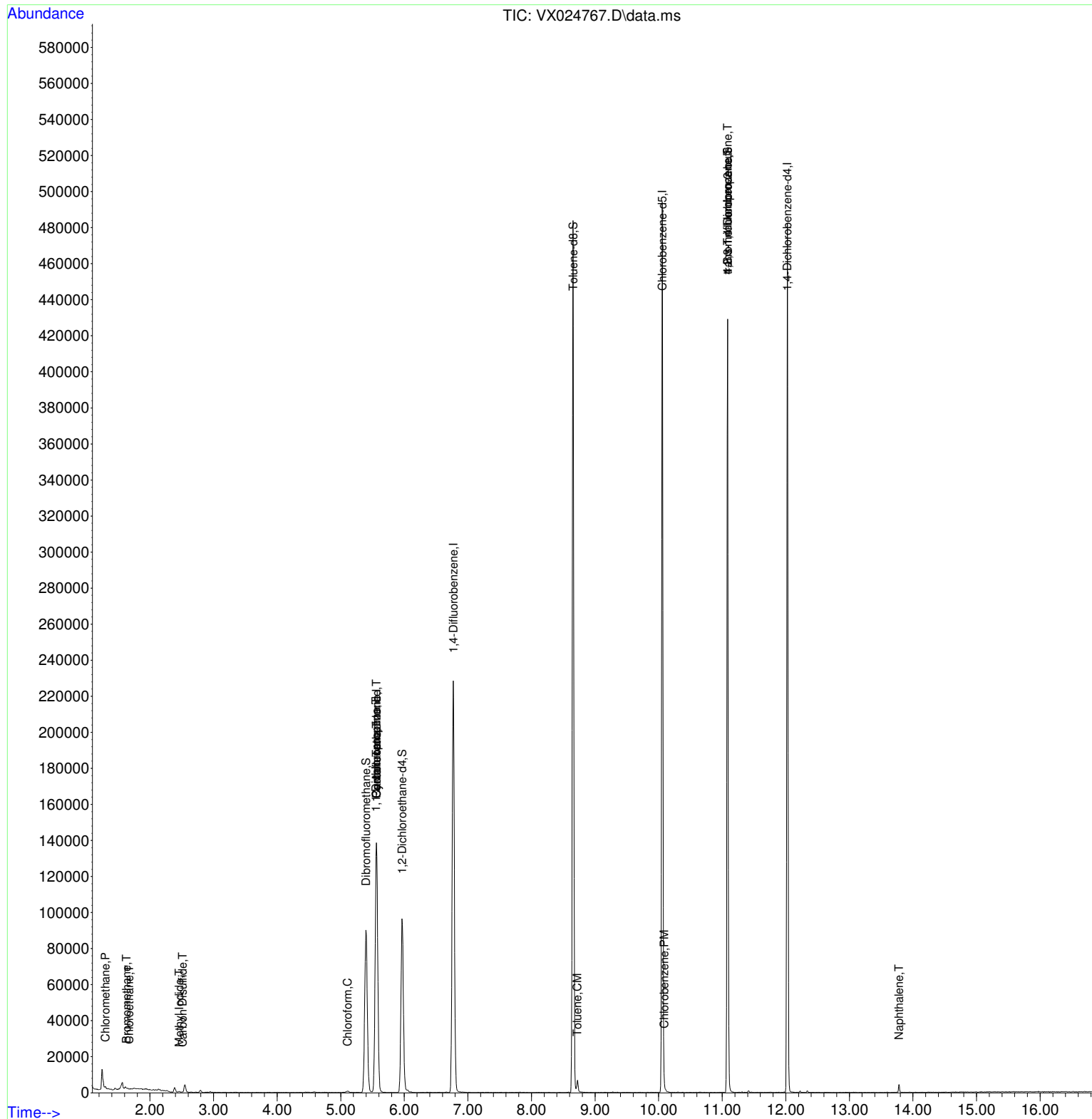
Internal Standards						
1) Pentafluorobenzene	5.562	168	129224	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	226255	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96834	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	97779	53.69	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.38%			
35) Dibromofluoromethane	5.397	113	77768	51.74	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.48%			
50) Toluene-d8	8.653	98	277707	50.20	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.40%			
62) 4-Bromofluorobenzene	11.085	95	110524	50.81	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.62%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	301	0.25	ug/l #	72
5) Bromomethane	1.630	94	245	0.28	ug/l #	42
6) Chloroethane	1.672	64	172	0.46	ug/l #	43
10) Methyl Iodide	2.459	142	515	0.29	ug/l #	77
11) Tert butyl alcohol	2.977	59	48	Below Cal	#	73
16) Acetone	2.386	43	3050	Below Cal		91
17) Carbon Disulfide	2.514	76	373	0.35	ug/l #	75
20) Methylene Chloride	2.794	84	455	Below Cal	#	69
30) Chloroform	5.105	83	942	0.35	ug/l	94
31) Cyclohexane	5.562	56	2772	1.27	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10021	4.62	ug/l #	50
38) Carbon Tetrachloride	5.562	117	14014	5.94	ug/l #	17
52) Toluene	8.720	92	2166	0.54	ug/l	93
65) Chlorobenzene	10.085	112	1118	0.24	ug/l	98
76) 1,2,3-Trichloropropane	11.085	75	58552	26.63	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	58552	72.48	ug/l #	12
95) Naphthalene	13.780	128	3103	0.46	ug/l #	87

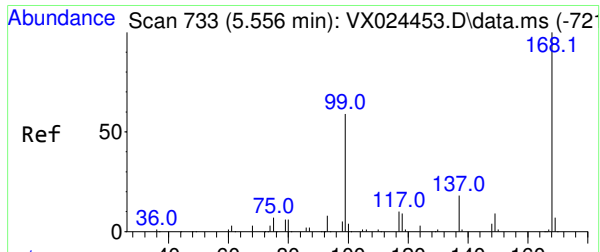
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 12 17:24:35 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

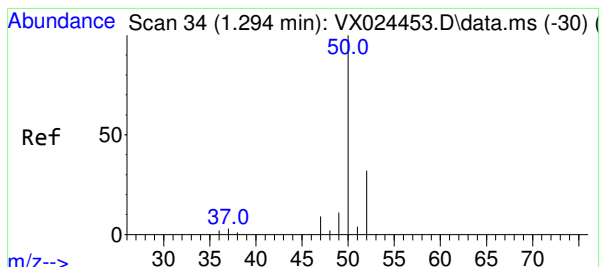
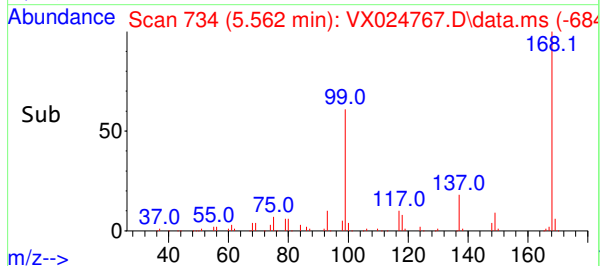
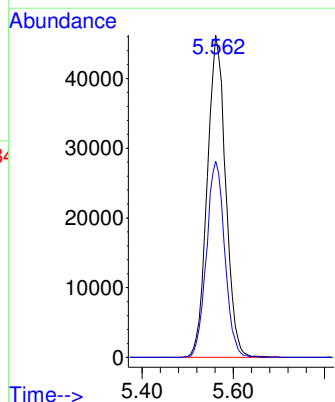
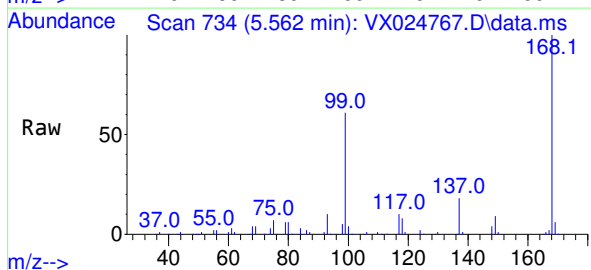




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024767.D
Acq: 12 Oct 2021 16:47

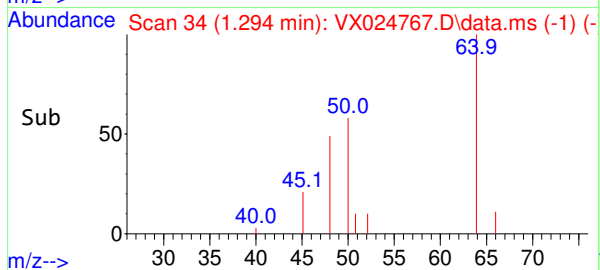
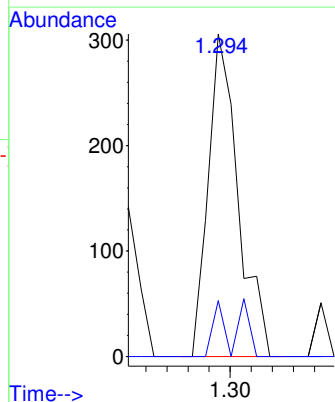
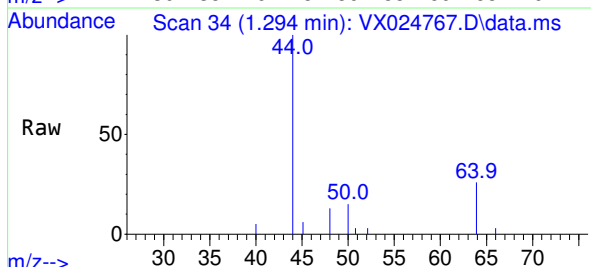
Instrument :
MSVOA_X
ClientSampleId :

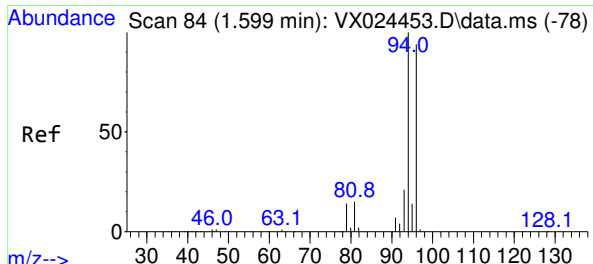
Tgt Ion:168 Resp: 129224
Ion Ratio Lower Upper
168 100
99 60.9 45.8 68.6



#3
Chloromethane
Concen: 0.25 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024767.D
Acq: 12 Oct 2021 16:47

Tgt Ion: 50 Resp: 301
Ion Ratio Lower Upper
50 100
52 17.3 26.4 39.6#

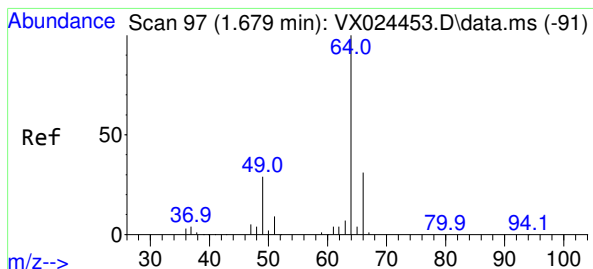
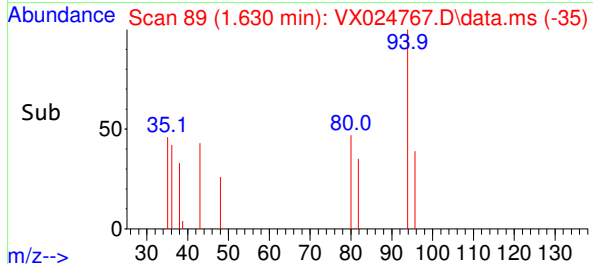
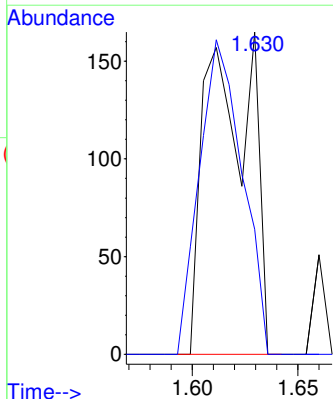
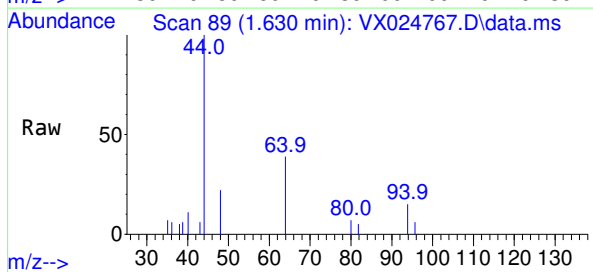




#5
Bromomethane
Concen: 0.28 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX024767.D
Acq: 12 Oct 2021 16:47

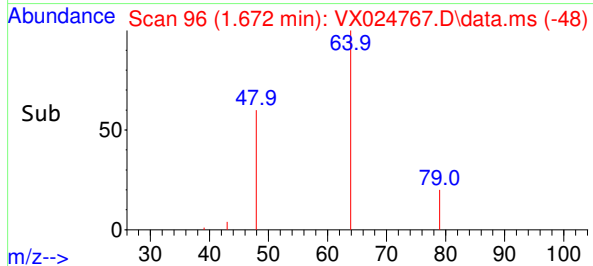
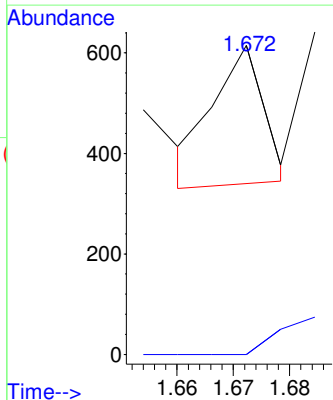
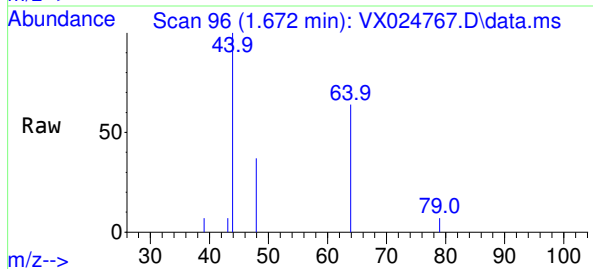
Instrument :
MSVOA_X
ClientSampled :

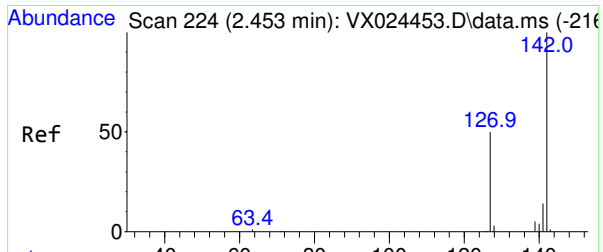
Tgt Ion: 94 Resp: 245
Ion Ratio Lower Upper
94 100
96 38.8 76.4 114.6#



#6
Chloroethane
Concen: 0.46 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.007 min
Lab File: VX024767.D
Acq: 12 Oct 2021 16:47

Tgt Ion: 64 Resp: 172
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

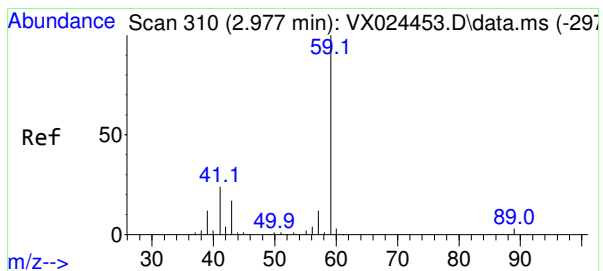
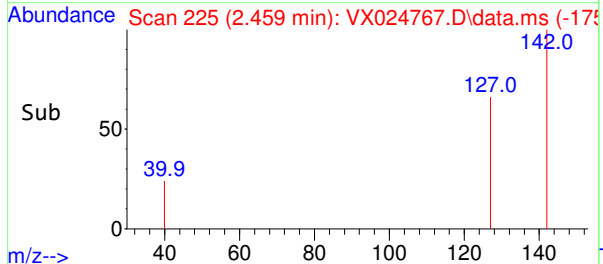
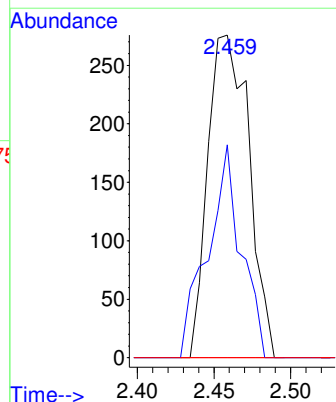
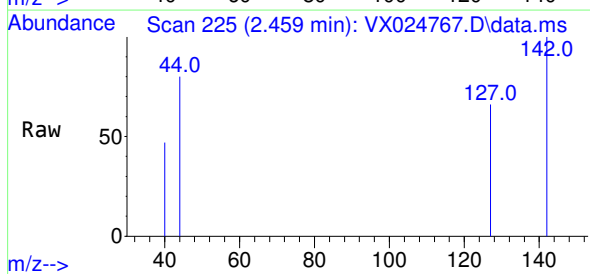




#10
Methyl Iodide
Concen: 0.29 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024767.D
Acq: 12 Oct 2021 16:47

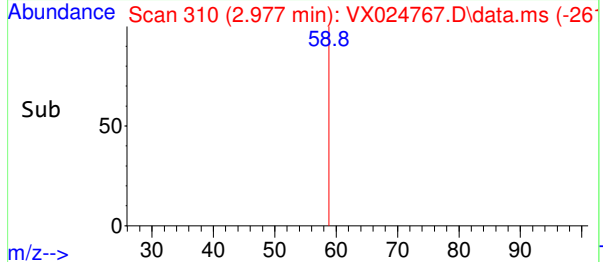
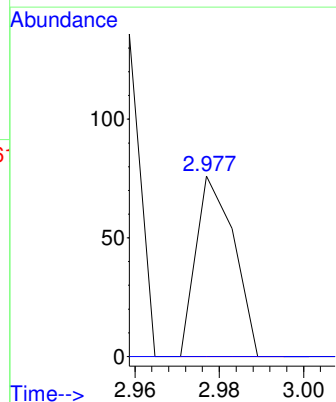
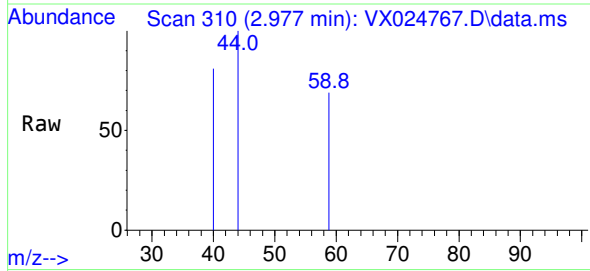
Instrument :
MSVOA_X
ClientSampled :

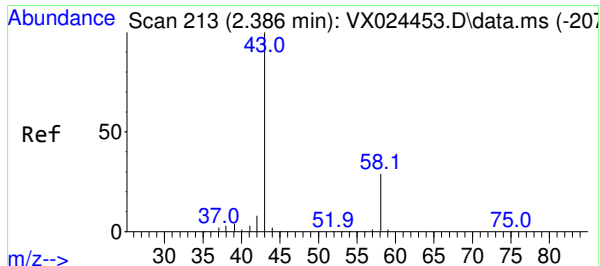
Tgt Ion:142 Resp: 515
Ion Ratio Lower Upper
142 100
127 53.8 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.977 min Scan# 310
Delta R.T. -0.000 min
Lab File: VX024767.D
Acq: 12 Oct 2021 16:47

Tgt Ion: 59 Resp: 48
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

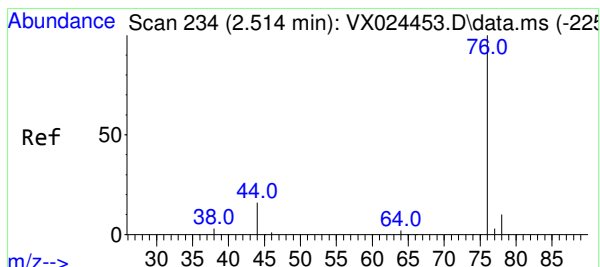
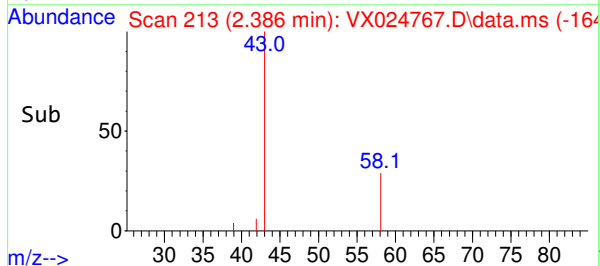
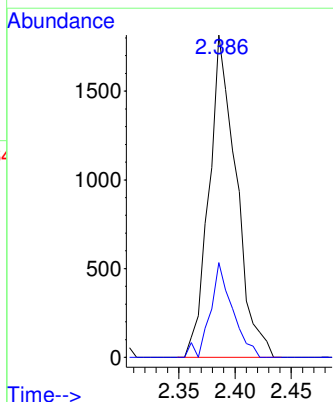
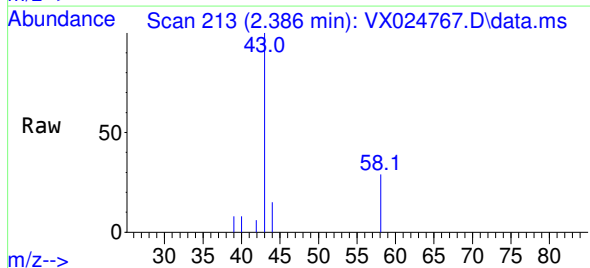




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024767.D
Acq: 12 Oct 2021 16:47

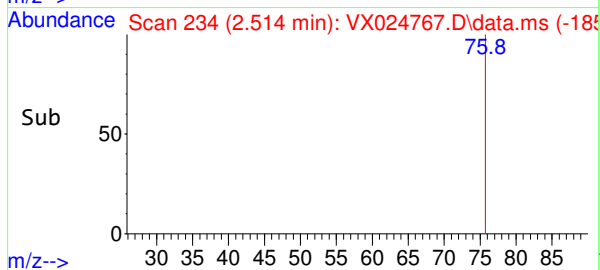
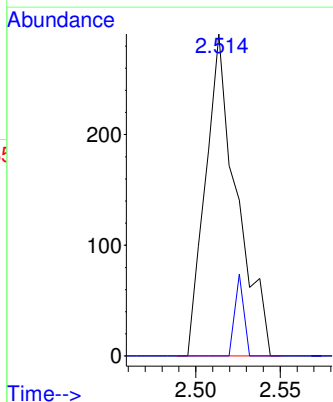
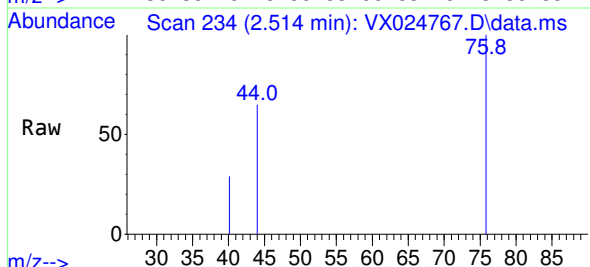
Instrument :
MSVOA_X
ClientSampleId :

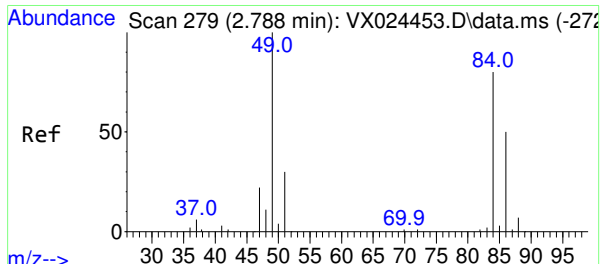
Tgt Ion: 43 Resp: 3050
Ion Ratio Lower Upper
43 100
58 29.3 27.8 41.8



#17
Carbon Disulfide
Concen: 0.35 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024767.D
Acq: 12 Oct 2021 16:47

Tgt Ion: 76 Resp: 373
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



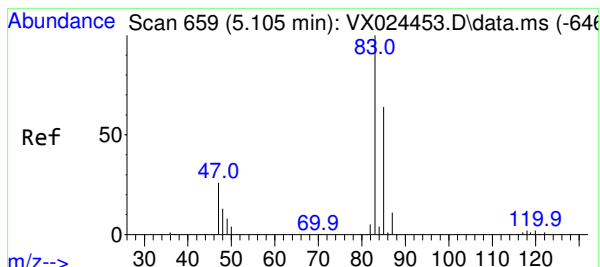
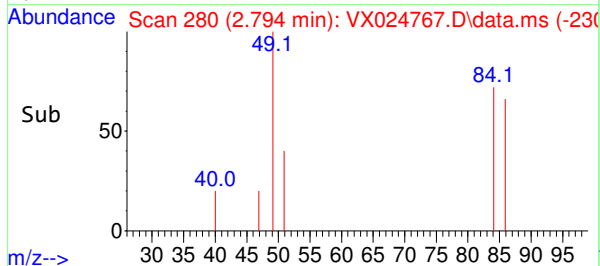
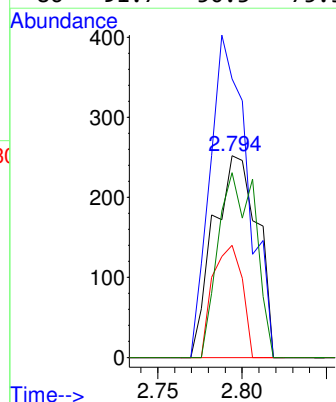
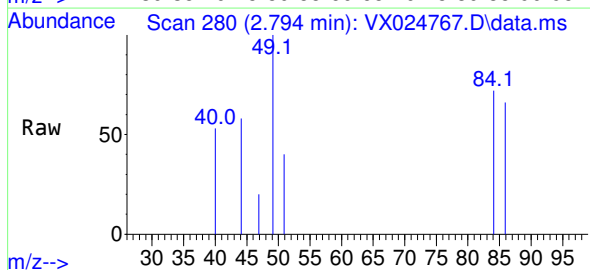


#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX024767.D
Acq: 12 Oct 2021 16:47

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 84 Resp: 455

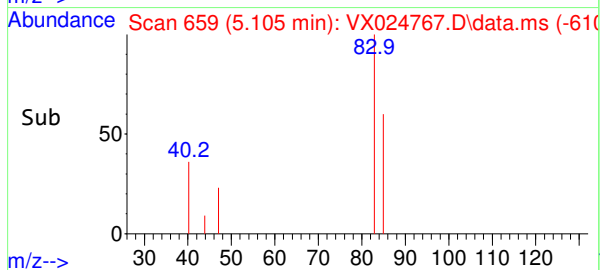
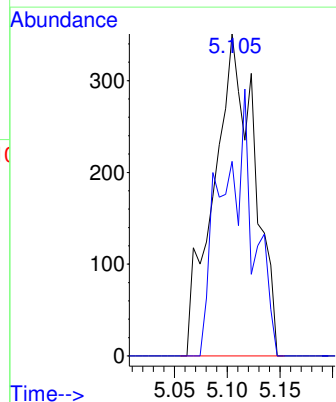
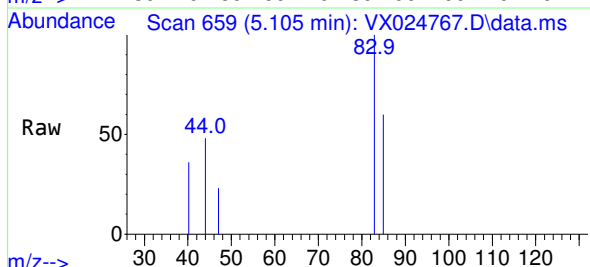
Ion	Ratio	Lower	Upper
84	100		
49	138.1	88.6	132.8#
51	55.6	27.0	40.6#
86	91.7	50.3	75.5#

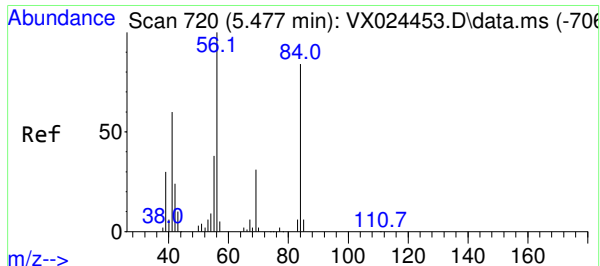


#30
Chloroform
Concen: 0.35 ug/l
RT: 5.105 min Scan# 659
Delta R.T. -0.000 min
Lab File: VX024767.D
Acq: 12 Oct 2021 16:47

Tgt Ion: 83 Resp: 942

Ion	Ratio	Lower	Upper
83	100		
85	60.4	52.0	78.0

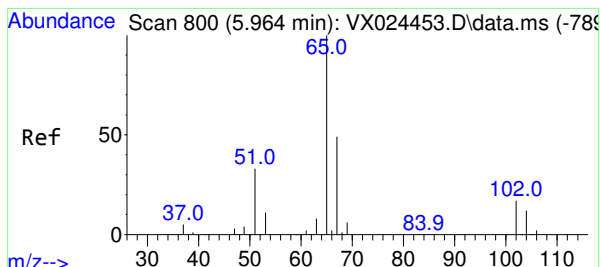
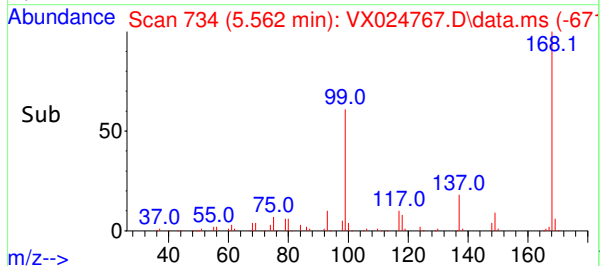
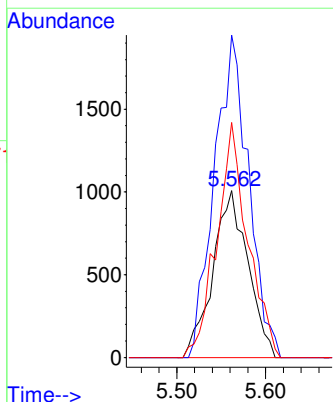
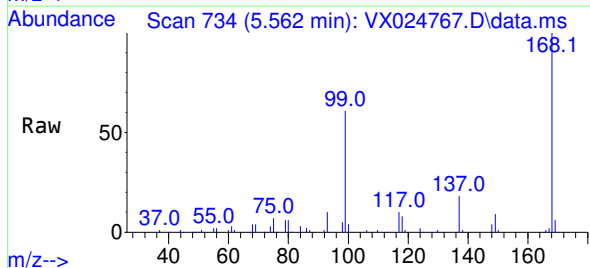




#31
Cyclohexane
Concen: 1.27 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024767.D
Acq: 12 Oct 2021 16:47

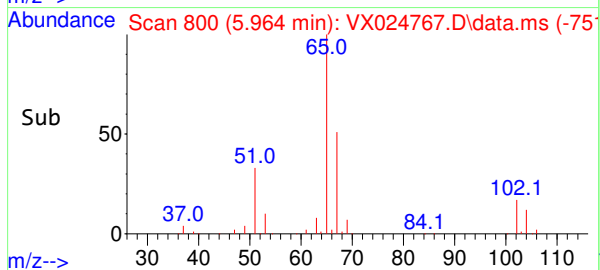
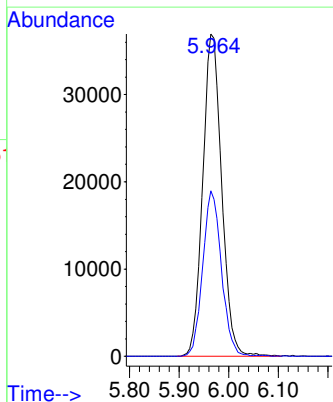
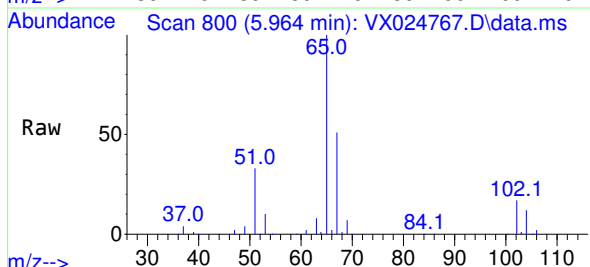
Instrument :
MSVOA_X
ClientSampled :

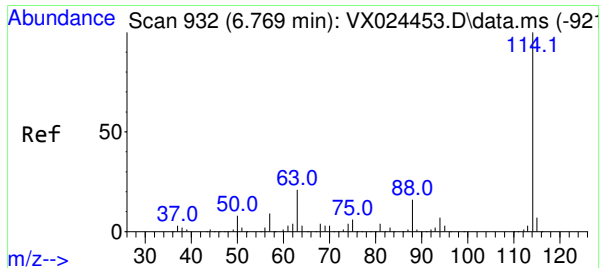
Tgt Ion: 56 Resp: 2772
Ion Ratio Lower Upper
56 100
69 193.4 25.3 37.9#
84 140.9 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 53.69 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024767.D
Acq: 12 Oct 2021 16:47

Tgt Ion: 65 Resp: 97779
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.4

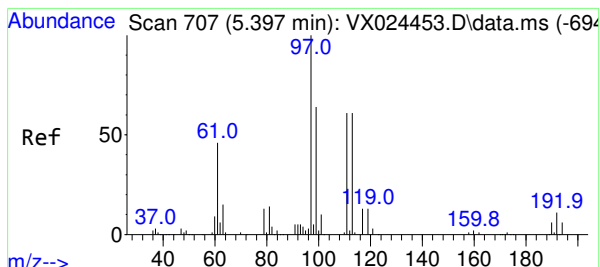
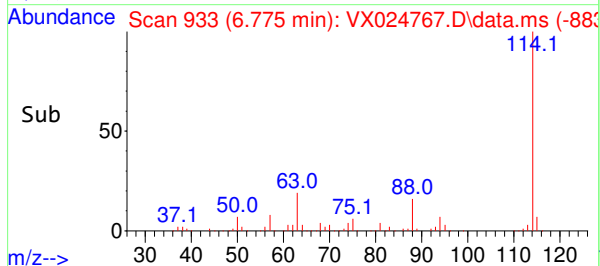
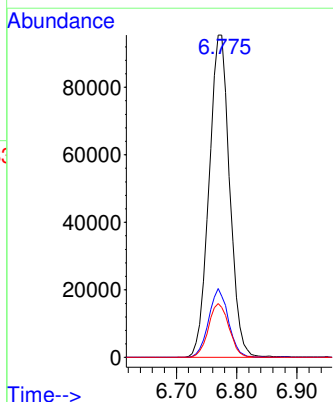
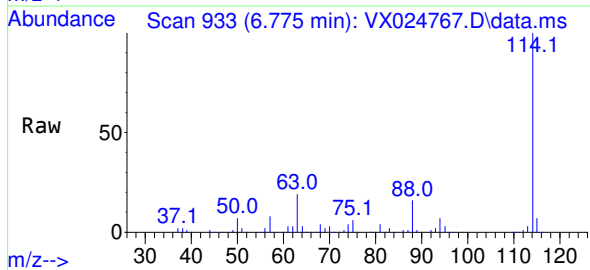




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.775 min Scan# 933
Delta R.T. 0.006 min
Lab File: VX024767.D
Acq: 12 Oct 2021 16:47

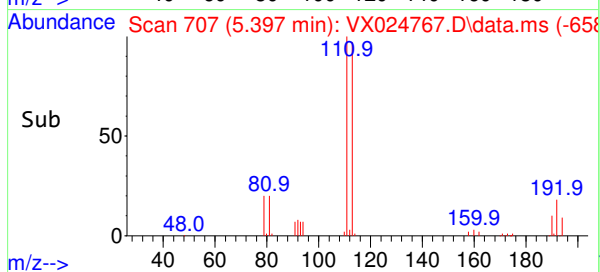
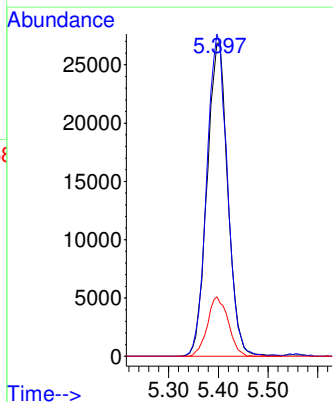
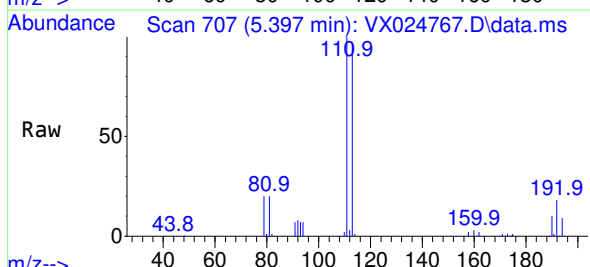
Instrument :
MSVOA_X
ClientSampled :

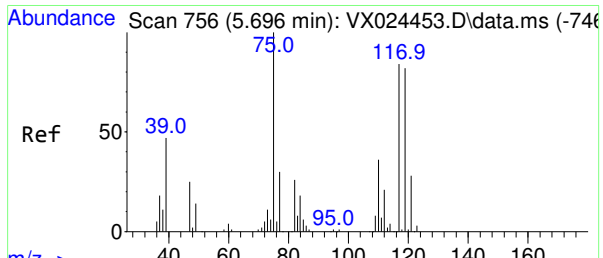
Tgt Ion:	114	Resp:	226255
Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	40.8
88	15.5	0.0	32.8



#35
Dibromofluoromethane
Concen: 51.74 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024767.D
Acq: 12 Oct 2021 16:47

Tgt Ion:	113	Resp:	77768
Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.9	122.9
192	19.0	16.7	25.1

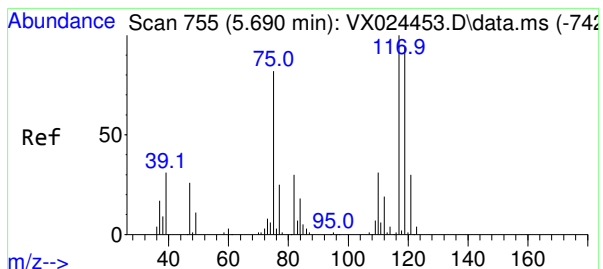
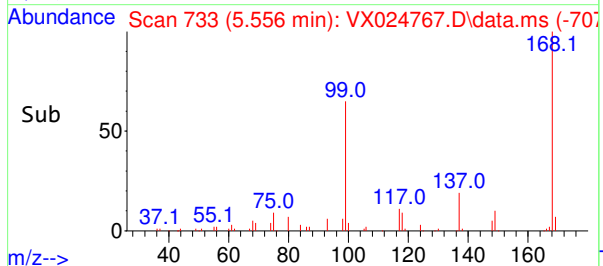
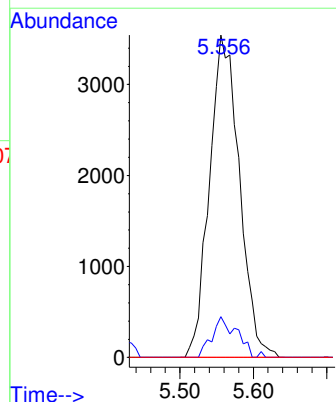
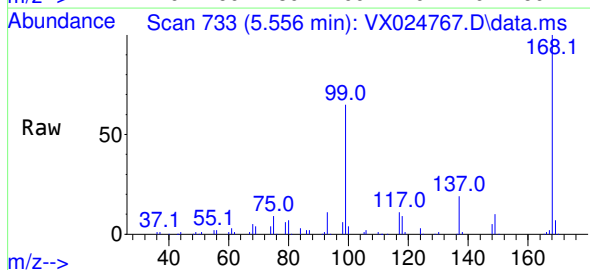




#36
1,1-Dichloropropene
Concen: 4.62 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX024767.D
Acq: 12 Oct 2021 16:47

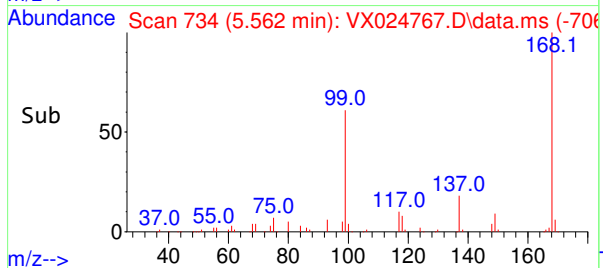
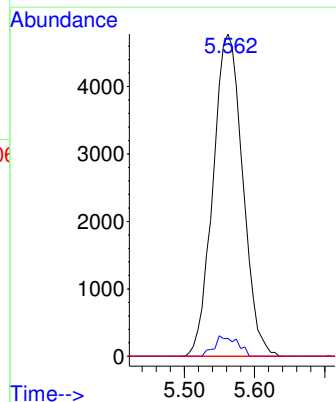
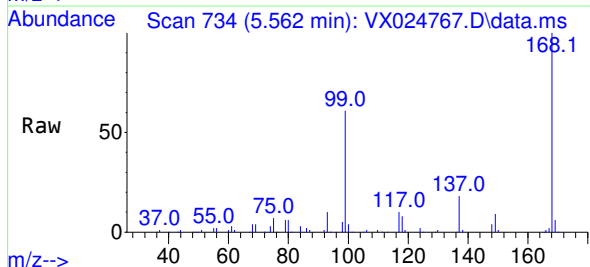
Instrument :
MSVOA_X
ClientSampled :

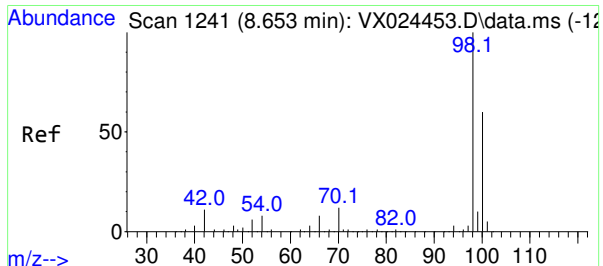
Tgt Ion:	75	Resp:	10021
Ion	Ratio	Lower	Upper
75	100		
110	10.3	18.1	54.4#
77	0.0	25.3	37.9#



#38
Carbon Tetrachloride
Concen: 5.94 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024767.D
Acq: 12 Oct 2021 16:47

Tgt Ion:	117	Resp:	14014
Ion	Ratio	Lower	Upper
117	100		
119	5.6	76.2	114.2#
121	0.0	24.8	37.2#

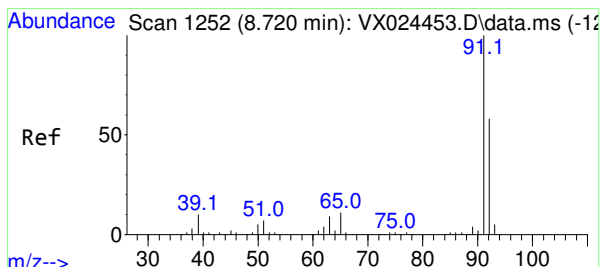
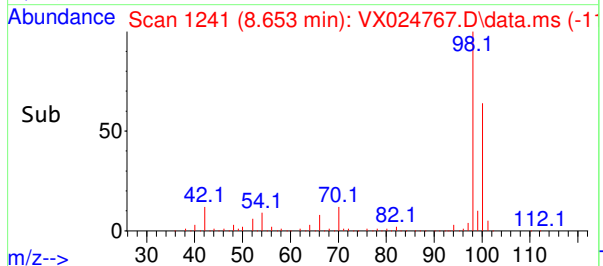
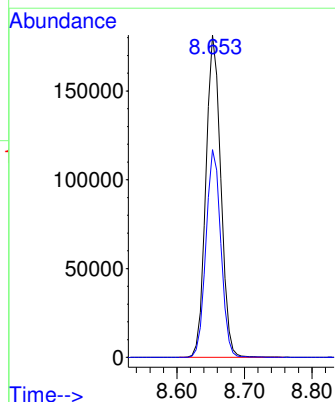
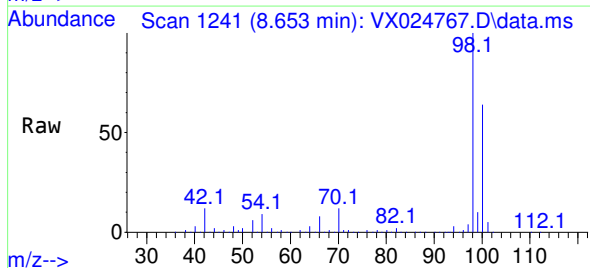




#50
Toluene-d8
Concen: 50.20 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024767.D
Acq: 12 Oct 2021 16:47

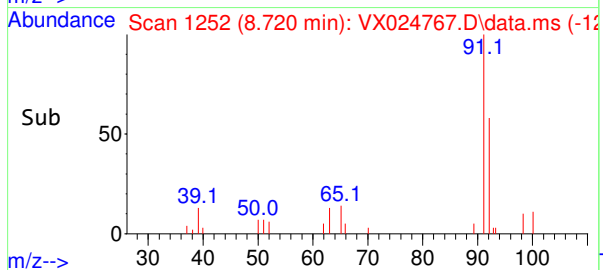
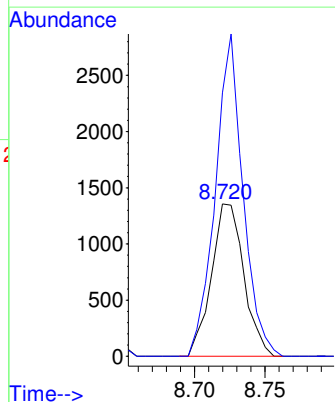
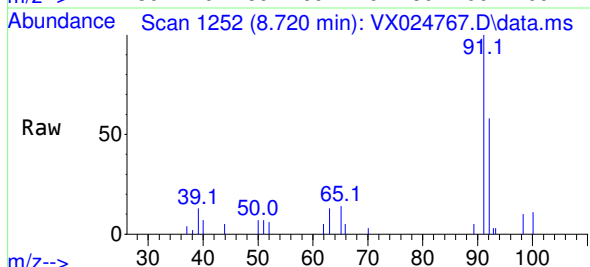
Instrument :
MSVOA_X
ClientSampled :

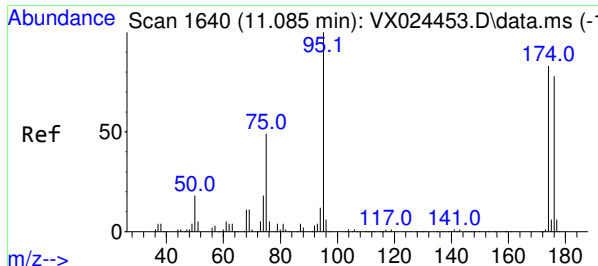
Tgt Ion: 98 Resp: 277707
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#52
Toluene
Concen: 0.54 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX024767.D
Acq: 12 Oct 2021 16:47

Tgt Ion: 92 Resp: 2166
Ion Ratio Lower Upper
92 100
91 181.0 137.1 205.7

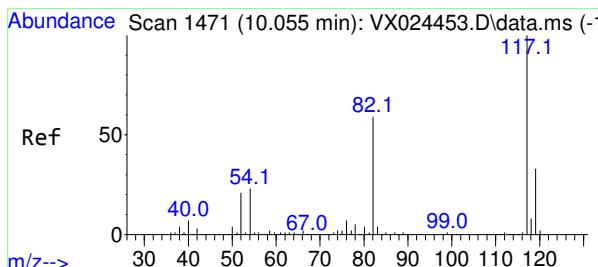
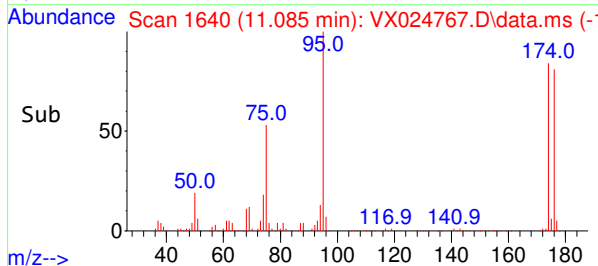
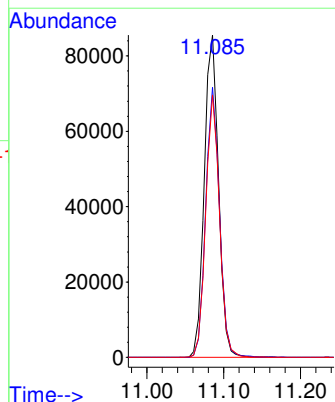
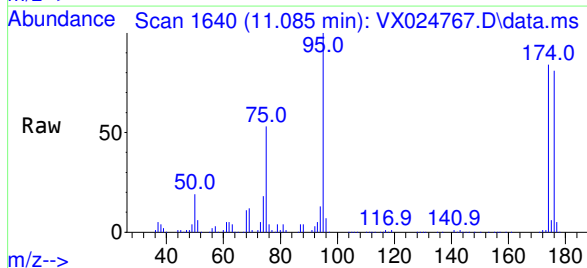




#62
4-Bromofluorobenzene
Concen: 50.81 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024767.D
Acq: 12 Oct 2021 16:47

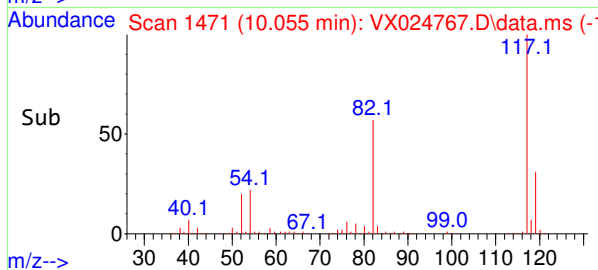
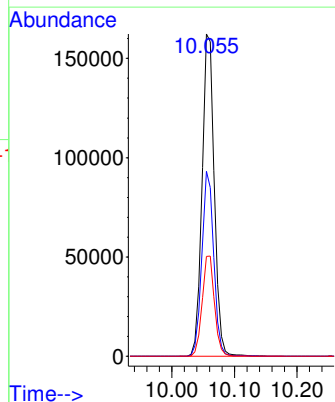
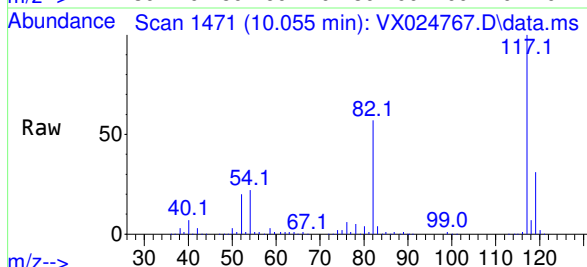
Instrument :
MSVOA_X
ClientSampled :

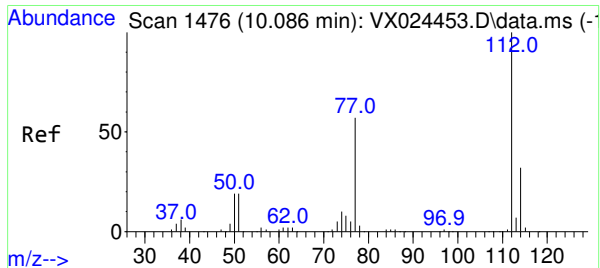
Tgt Ion:	95	Resp:	110524
Ion	Ratio	Lower	Upper
95	100		
174	80.9	0.0	154.6
176	78.7	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX024767.D
Acq: 12 Oct 2021 16:47

Tgt Ion:	117	Resp:	222374
Ion	Ratio	Lower	Upper
117	100		
82	57.4	47.4	71.2
119	31.0	26.6	39.8

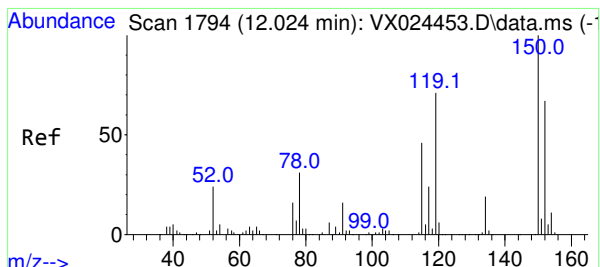
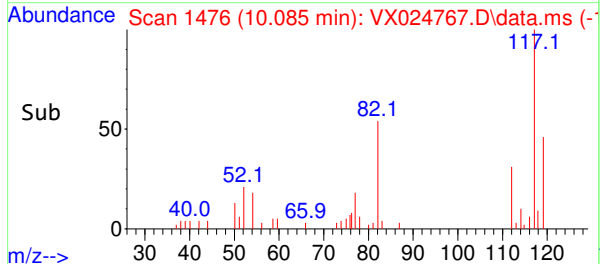
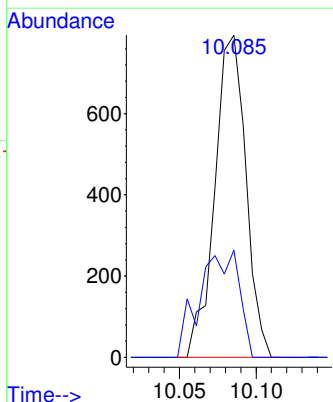
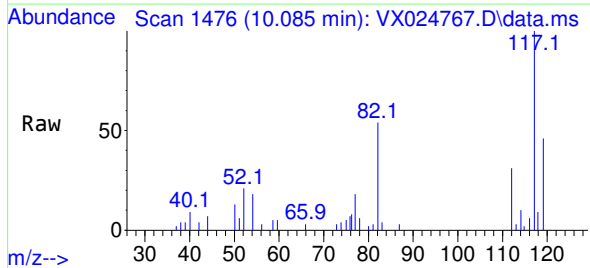




#65
Chlorobenzene
Concen: 0.24 ug/l
RT: 10.085 min Scan# 1476
Delta R.T. -0.001 min
Lab File: VX024767.D
Acq: 12 Oct 2021 16:47

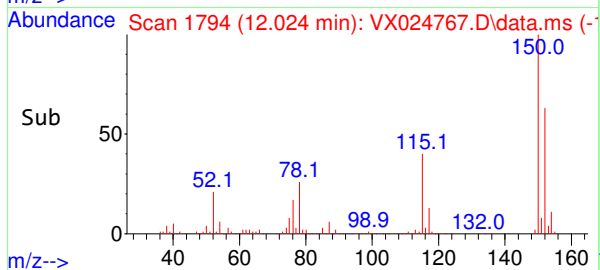
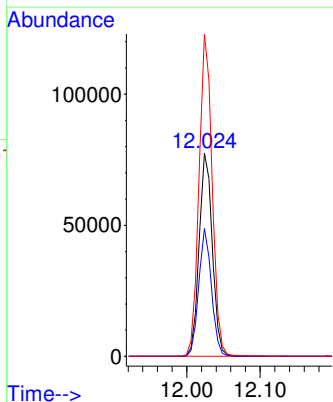
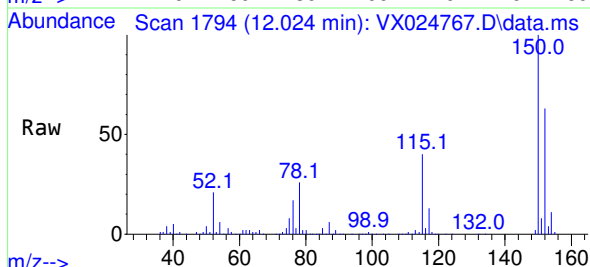
Instrument :
MSVOA_X
ClientSampled :

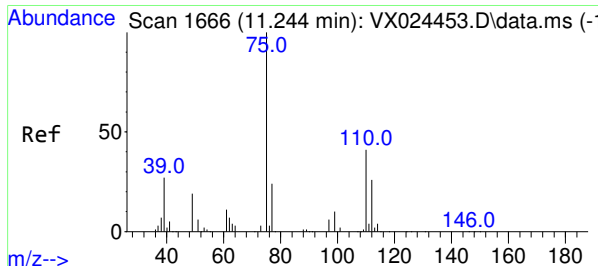
Tgt Ion:112 Resp: 1118
Ion Ratio Lower Upper
112 100
114 33.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024767.D
Acq: 12 Oct 2021 16:47

Tgt Ion:152 Resp: 96834
Ion Ratio Lower Upper
152 100
115 60.4 41.1 123.3
150 157.8 0.0 349.0

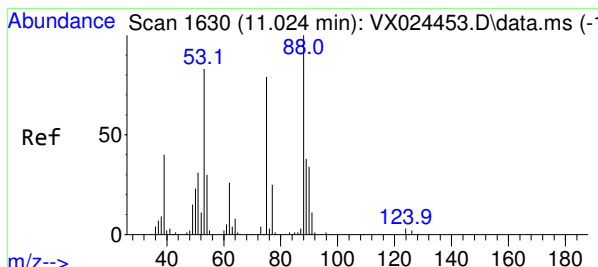
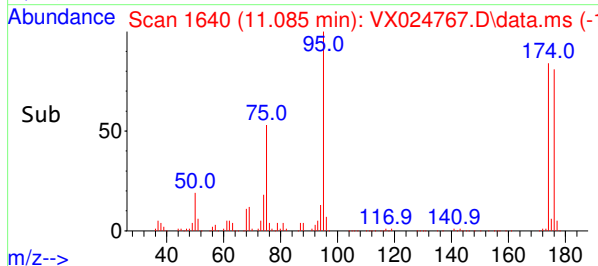
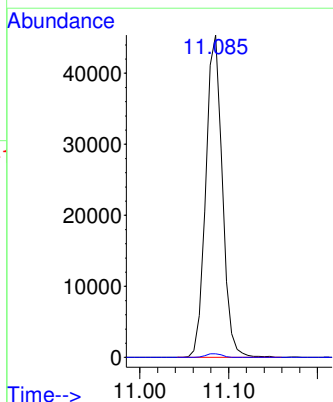
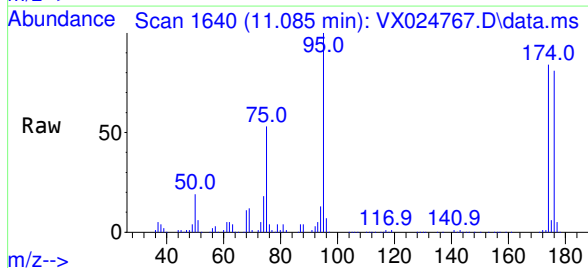




#76
1,2,3-Trichloropropane
Concen: 26.63 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024767.D
Acq: 12 Oct 2021 16:47

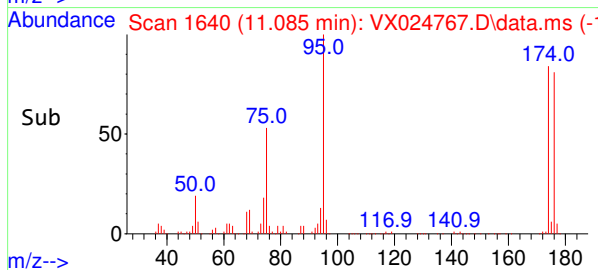
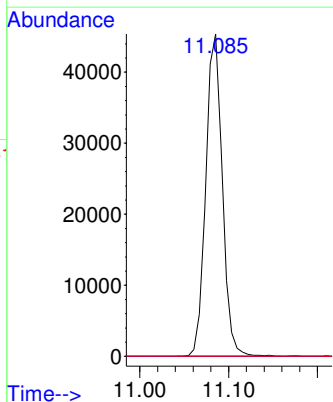
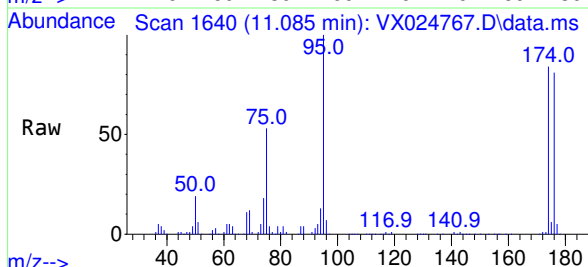
Instrument :
MSVOA_X
ClientSampled :

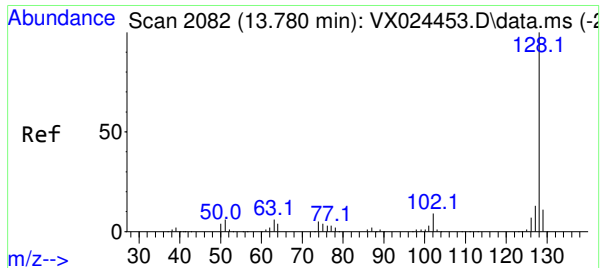
Tgt Ion: 75 Resp: 58552
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.48 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024767.D
Acq: 12 Oct 2021 16:47

Tgt Ion: 75 Resp: 58552
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 0.46 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024767.D
Acq: 12 Oct 2021 16:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 3103
Ion Ratio Lower Upper
128 100
127 4.8 10.3 15.5#
129 12.7 8.8 13.2

