

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101221\
 Data File : VX024758.D
 Acq On : 12 Oct 2021 12:41
 Operator : JC/MD
 Sample : VX1012WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 12 13:13:48 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)

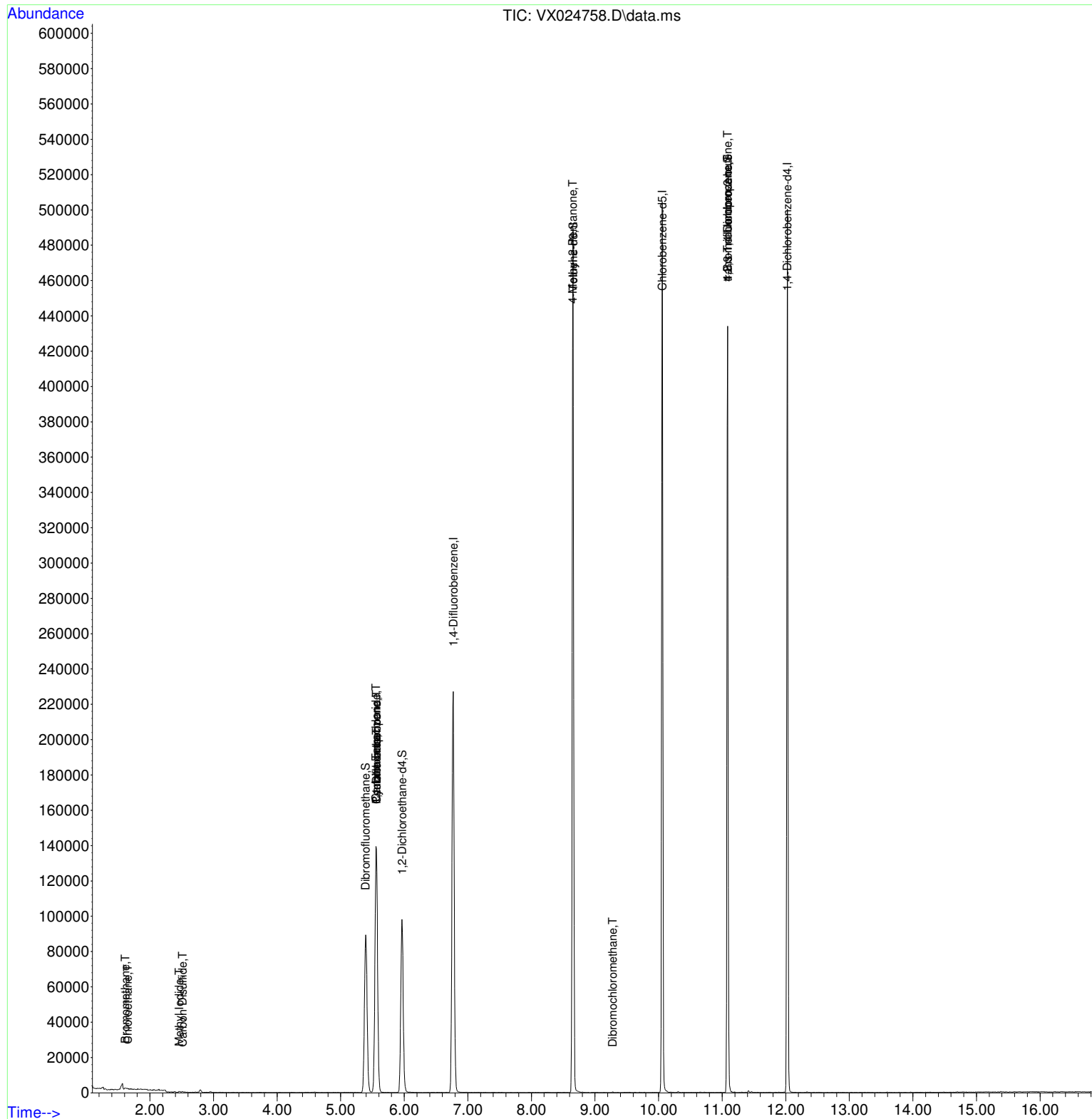
Internal Standards						
1) Pentafluorobenzene	5.562	168	130738	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	227272	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100694	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	99502	54.00	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.00%			
35) Dibromofluoromethane	5.391	113	77150	51.10	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.20%			
50) Toluene-d8	8.653	98	279234	50.25	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.50%			
62) 4-Bromofluorobenzene	11.085	95	110893	50.75	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.50%			
Target Compounds						
						Qvalue
5) Bromomethane	1.612	94	470	0.54	ug/l #	78
6) Chloroethane	1.648	64	123	0.40	ug/l #	43
10) Methyl Iodide	2.459	142	534	0.30	ug/l #	92
11) Tert butyl alcohol	2.947	59	114	Below Cal	#	73
16) Acetone	2.380	43	527	Below Cal	#	40
17) Carbon Disulfide	2.514	76	622	0.43	ug/l #	85
20) Methylene Chloride	2.788	84	700	Below Cal	#	93
31) Cyclohexane	5.562	56	3045	1.38	ug/l #	8
36) 1,1-Dichloropropene	5.562	75	10459	4.80	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13707	5.78	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1245	0.46	ug/l #	1
60) Dibromochloromethane	9.275	129	89	1.23	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	59677	26.10	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	59677	71.08	ug/l #	12

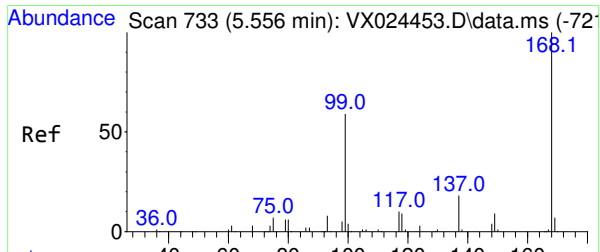
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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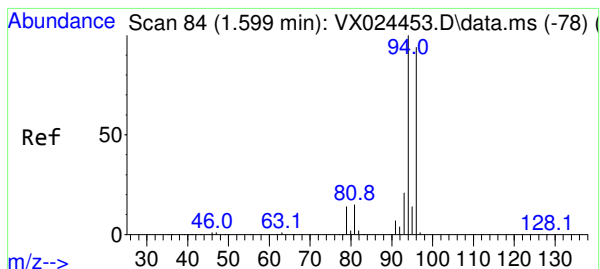
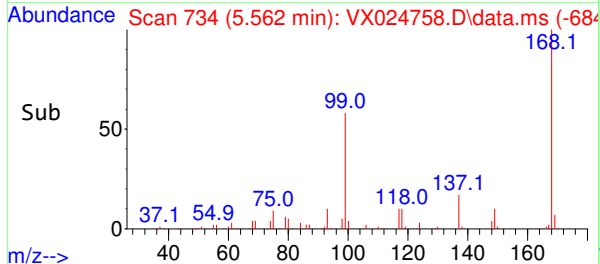
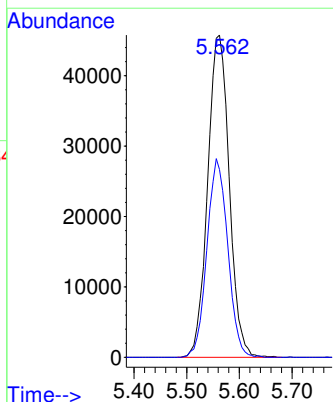
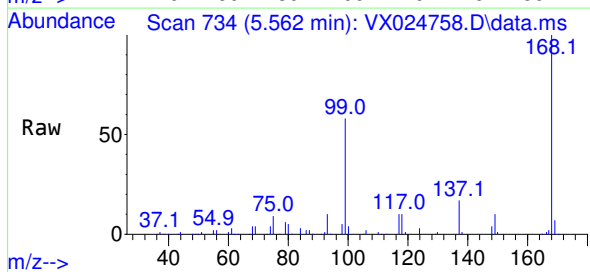




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024758.D
Acq: 12 Oct 2021 12:41

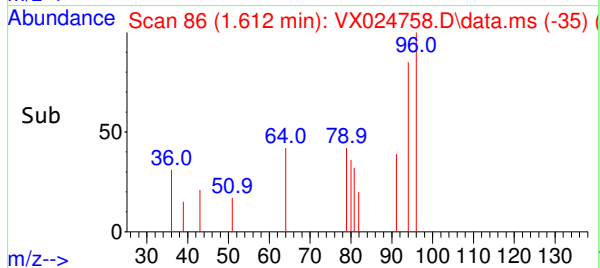
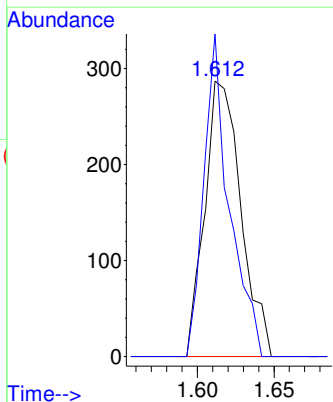
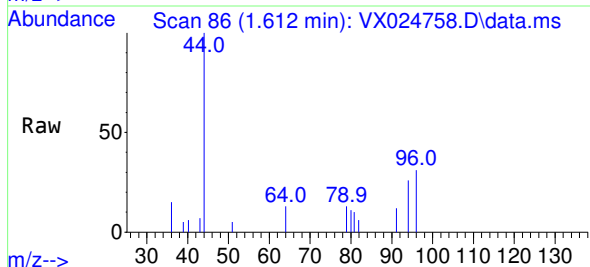
Instrument :
MSVOA_X
ClientSampleId :

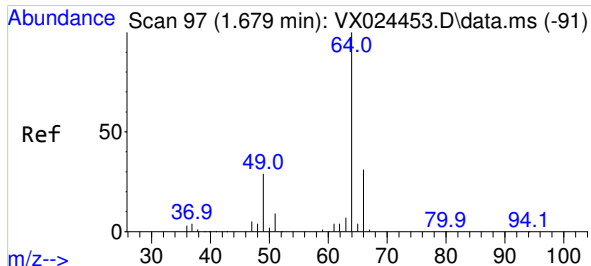
Tgt Ion:168 Resp: 130738
Ion Ratio Lower Upper
168 100
99 58.3 45.8 68.6



#5
Bromomethane
Concen: 0.54 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX024758.D
Acq: 12 Oct 2021 12:41

Tgt Ion: 94 Resp: 470
Ion Ratio Lower Upper
94 100
96 117.1 76.4 114.6#

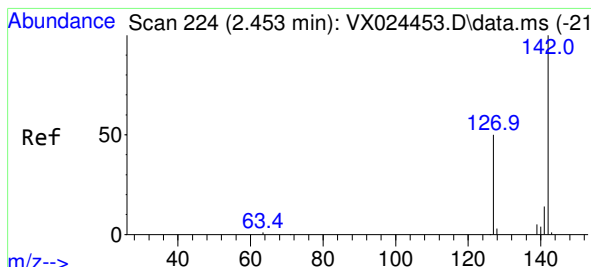
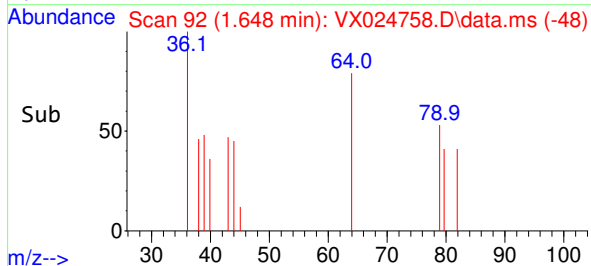
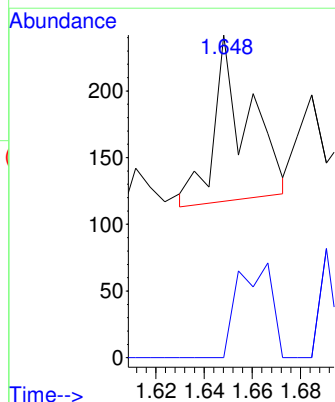
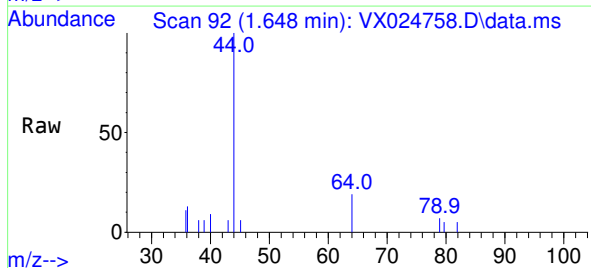




#6
Chloroethane
Concen: 0.40 ug/l
RT: 1.648 min Scan# 92
Delta R.T. -0.031 min
Lab File: VX024758.D
Acq: 12 Oct 2021 12:41

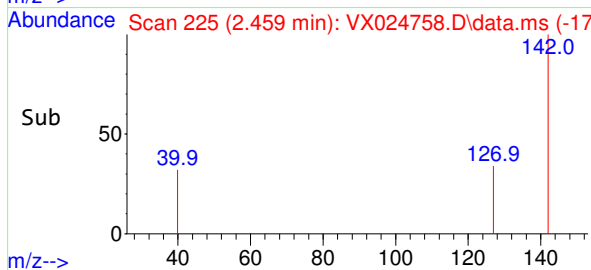
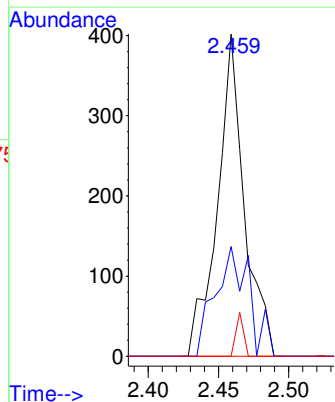
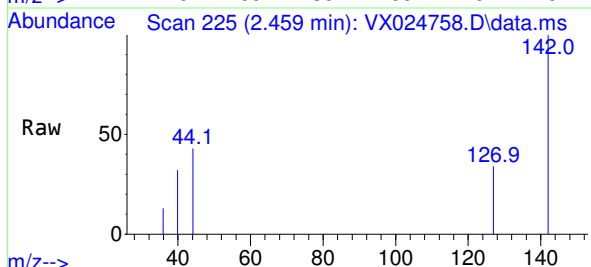
Instrument :
MSVOA_X
ClientSampled :

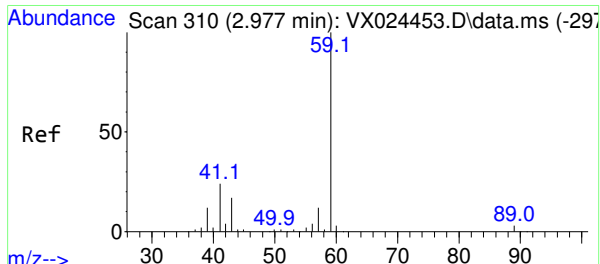
Tgt Ion: 64 Resp: 123
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.30 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024758.D
Acq: 12 Oct 2021 12:41

Tgt Ion:142 Resp: 534
Ion Ratio Lower Upper
142 100
127 43.3 33.3 49.9
141 3.7 11.4 17.0#

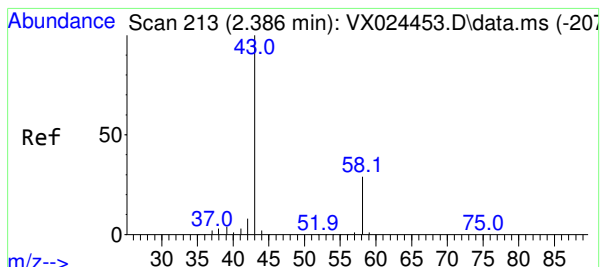
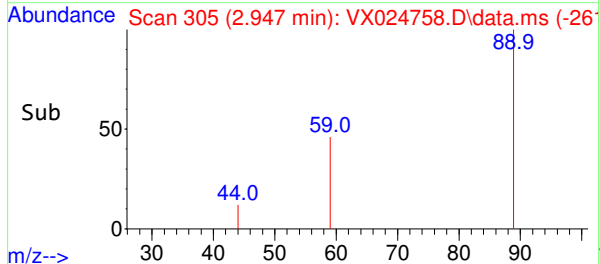
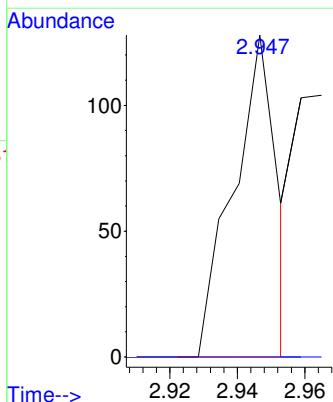
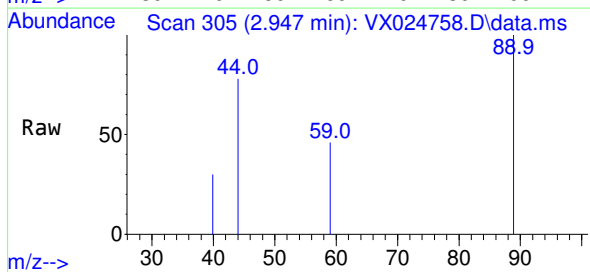




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX024758.D
Acq: 12 Oct 2021 12:41

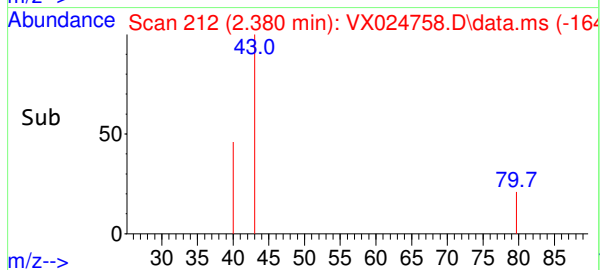
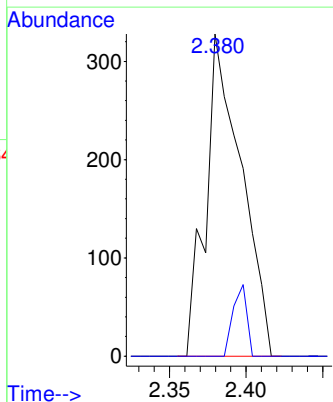
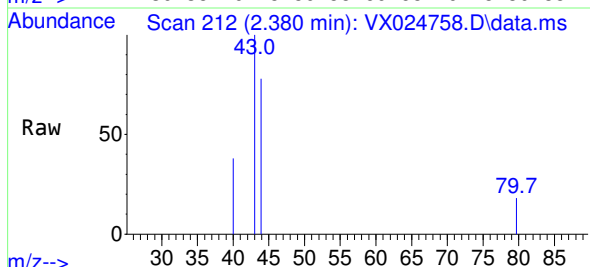
Instrument :
MSVOA_X
ClientSampled :

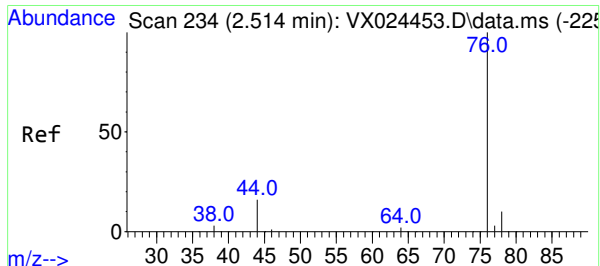
Tgt Ion: 59 Resp: 114
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX024758.D
Acq: 12 Oct 2021 12:41

Tgt Ion: 43 Resp: 527
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#

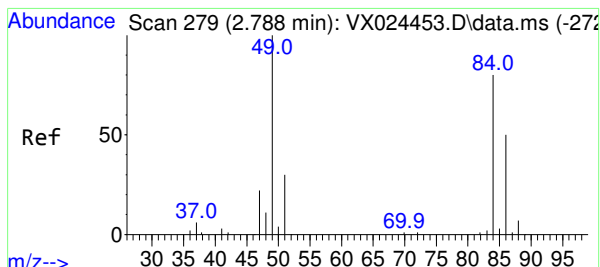
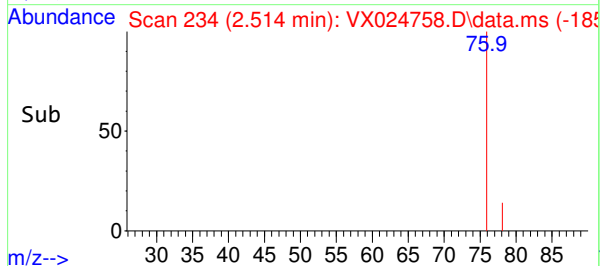
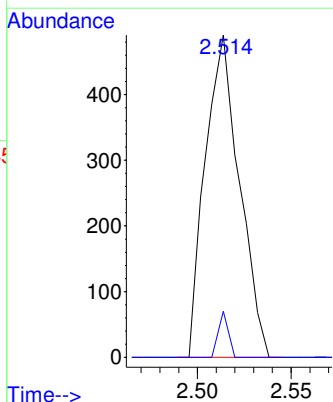
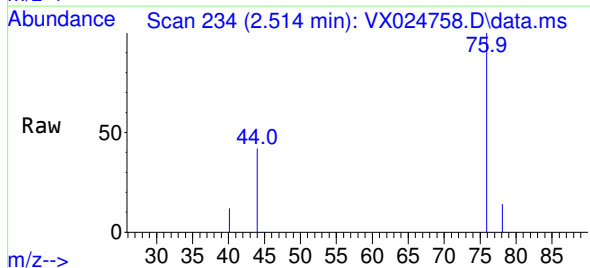




#17
Carbon Disulfide
Concen: 0.43 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024758.D
Acq: 12 Oct 2021 12:41

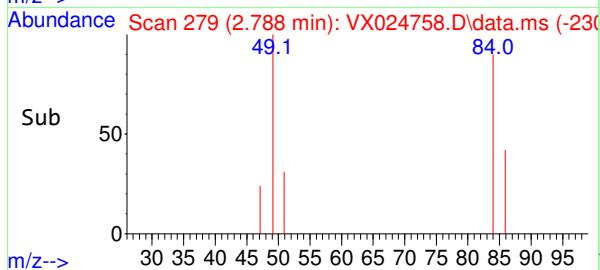
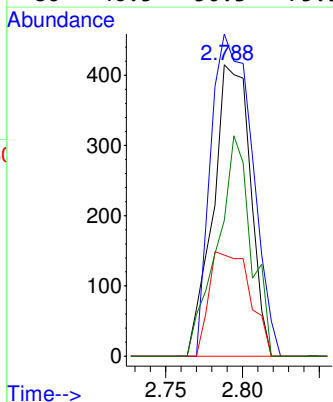
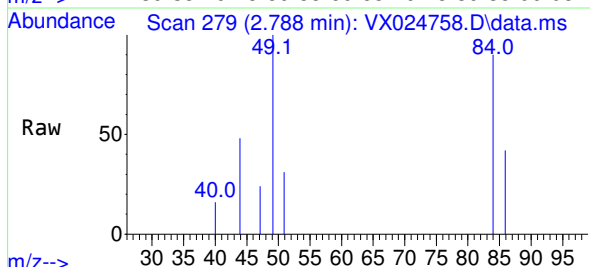
Instrument :
MSVOA_X
ClientSampled :

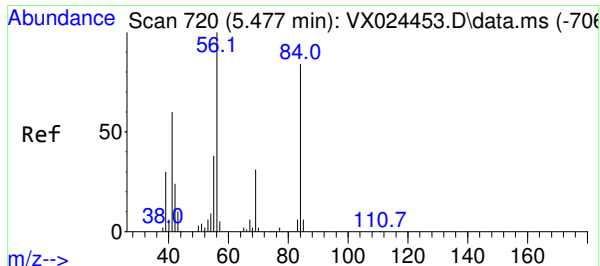
Tgt Ion: 76 Resp: 622
Ion Ratio Lower Upper
76 100
78 14.3 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX024758.D
Acq: 12 Oct 2021 12:41

Tgt Ion: 84 Resp: 700
Ion Ratio Lower Upper
84 100
49 110.6 88.6 132.8
51 34.7 27.0 40.6
86 46.5 50.3 75.5#

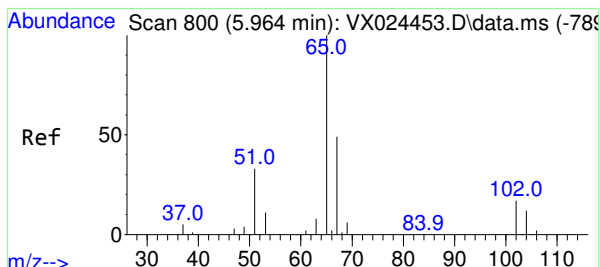
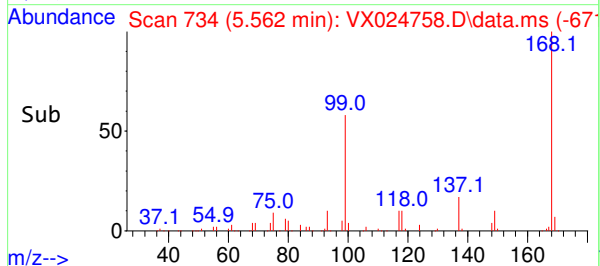
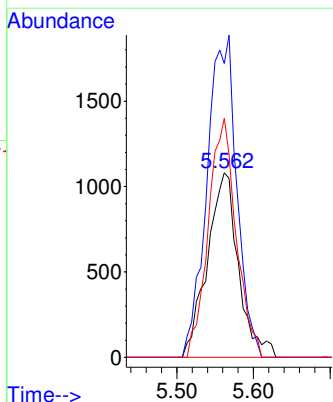
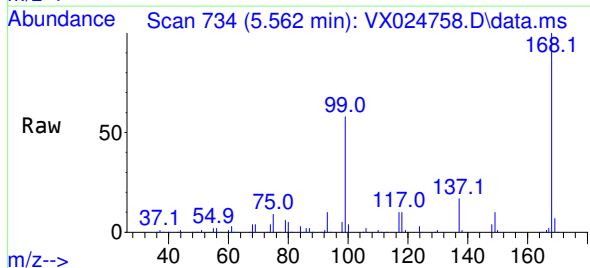




#31
Cyclohexane
Concen: 1.38 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024758.D
Acq: 12 Oct 2021 12:41

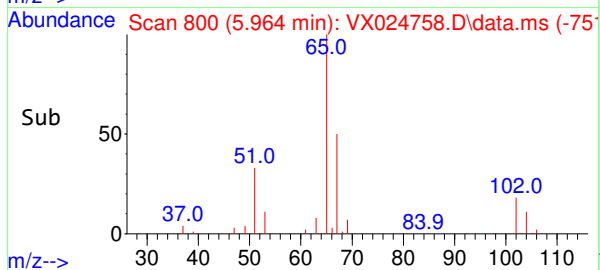
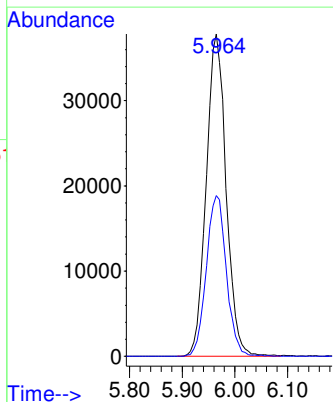
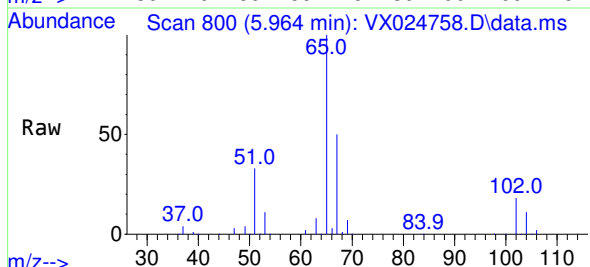
Instrument :
MSVOA_X
ClientSampled :

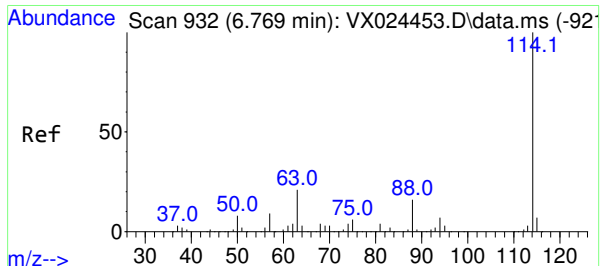
Tgt Ion: 56 Resp: 3045
Ion Ratio Lower Upper
56 100
69 159.1 25.3 37.9#
84 129.4 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 54.00 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024758.D
Acq: 12 Oct 2021 12:41

Tgt Ion: 65 Resp: 99502
Ion Ratio Lower Upper
65 100
67 50.3 0.0 105.4

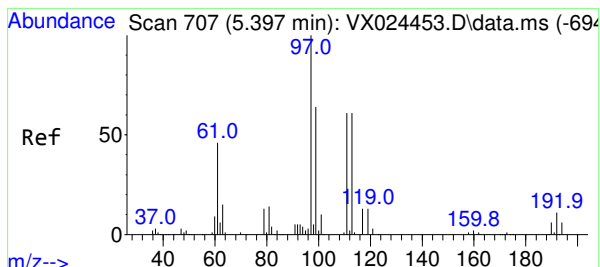
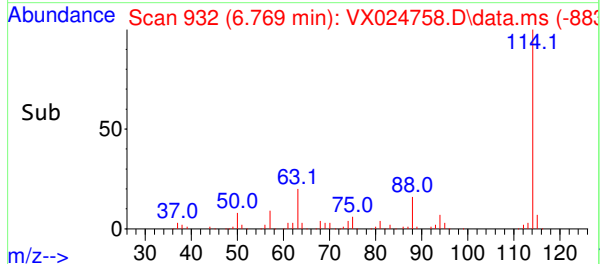
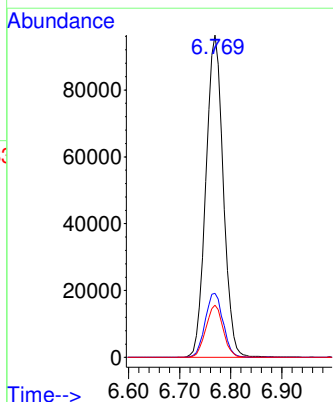
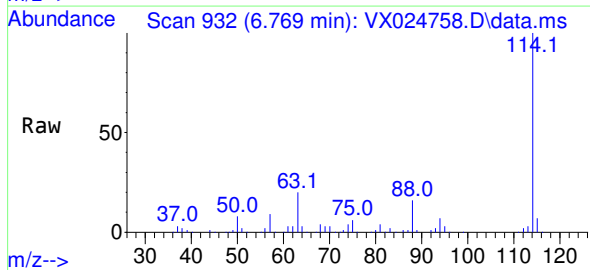




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024758.D
Acq: 12 Oct 2021 12:41

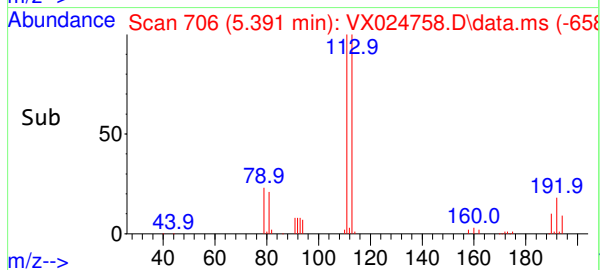
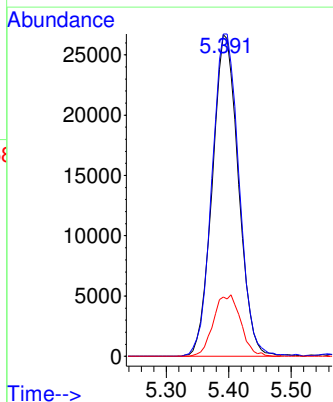
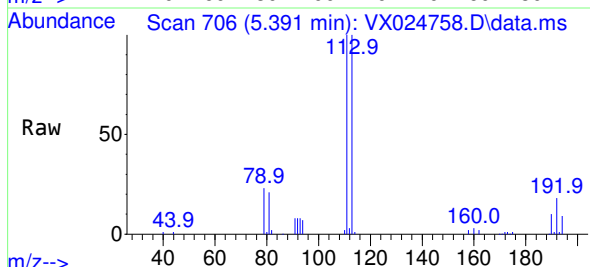
Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:	114	Resp:	227272
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	40.8
88	16.2	0.0	32.8

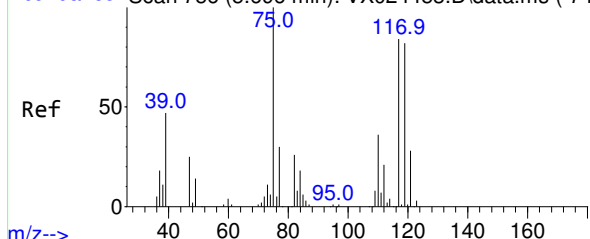


#35
Dibromofluoromethane
Concen: 51.10 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX024758.D
Acq: 12 Oct 2021 12:41

Tgt Ion:	113	Resp:	77150
Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.9	122.9
192	19.9	16.7	25.1



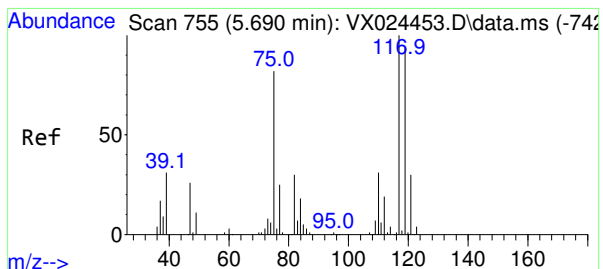
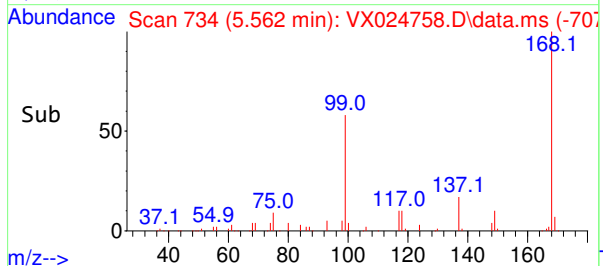
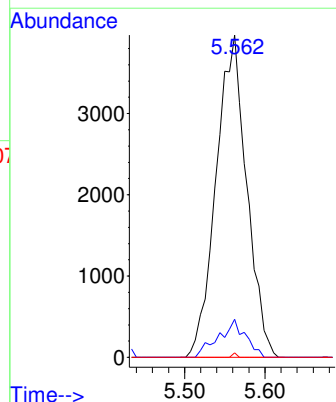
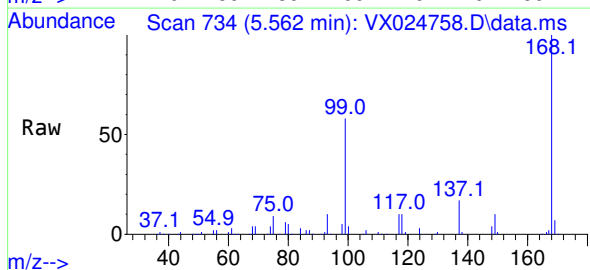
Abundance Scan 756 (5.696 min): VX024453.D\data.ms (-746



#36
1,1-Dichloropropene
Concen: 4.80 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX024758.D
Acq: 12 Oct 2021 12:41

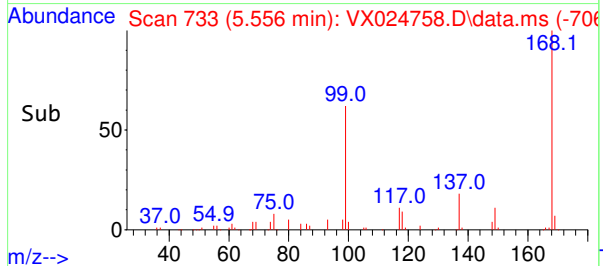
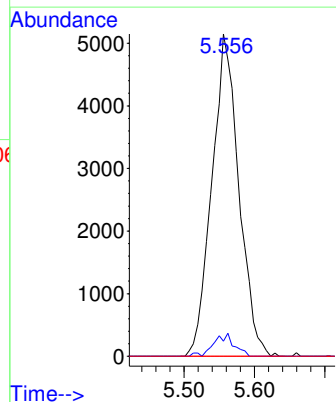
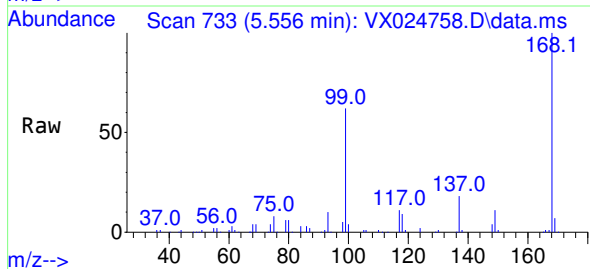
Instrument :
MSVOA_X
ClientSampled :

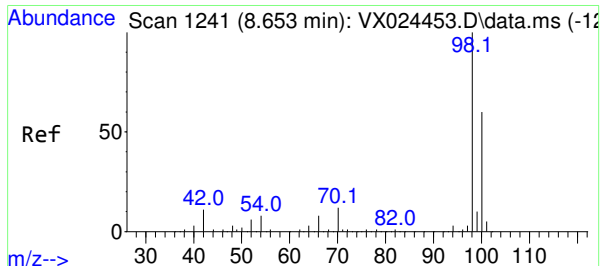
Tgt Ion:	75	Resp:	10459
Ion	Ratio	Lower	Upper
75	100		
110	10.4	18.1	54.4#
77	0.2	25.3	37.9#



#38
Carbon Tetrachloride
Concen: 5.78 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024758.D
Acq: 12 Oct 2021 12:41

Tgt Ion:	117	Resp:	13707
Ion	Ratio	Lower	Upper
117	100		
119	4.7	76.2	114.2#
121	0.0	24.8	37.2#

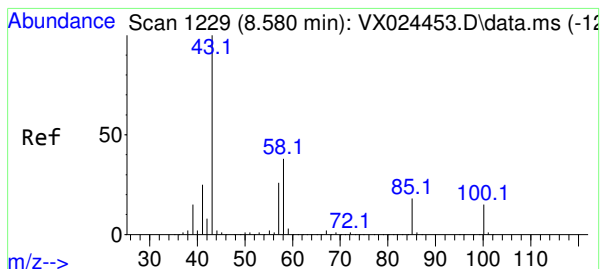
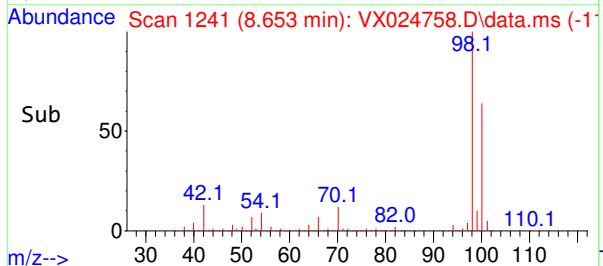
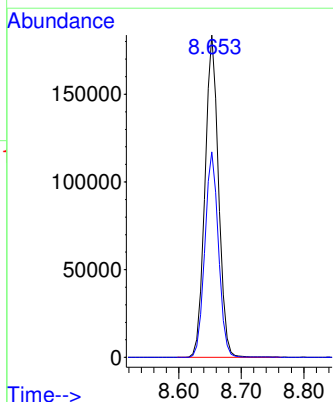
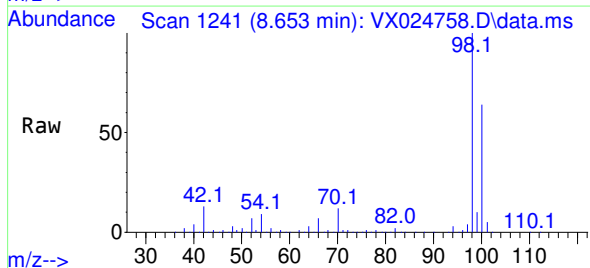




#50
Toluene-d8
Concen: 50.25 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024758.D
Acq: 12 Oct 2021 12:41

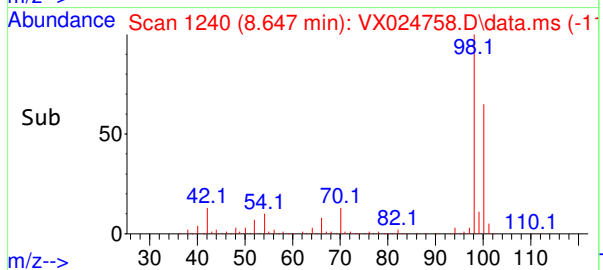
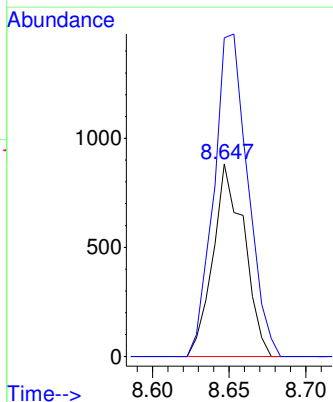
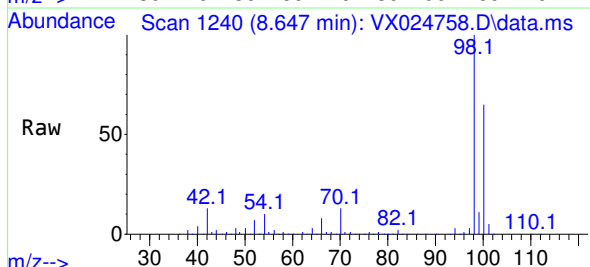
Instrument :
MSVOA_X
ClientSampled :

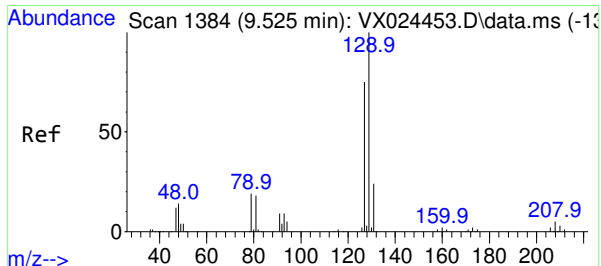
Tgt Ion: 98 Resp: 279234
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.46 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX024758.D
Acq: 12 Oct 2021 12:41

Tgt Ion: 43 Resp: 1245
Ion Ratio Lower Upper
43 100
58 182.2 35.4 53.0#

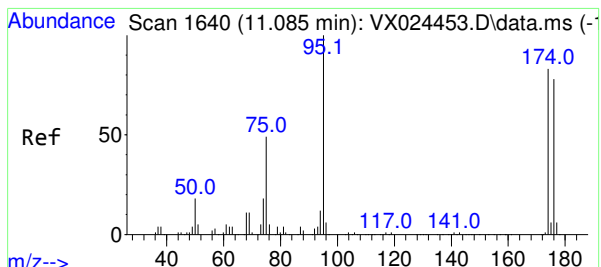
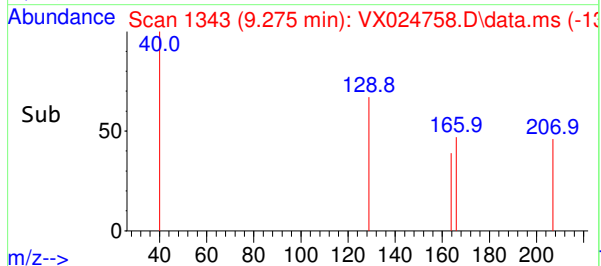
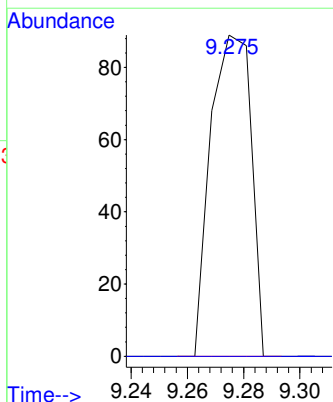
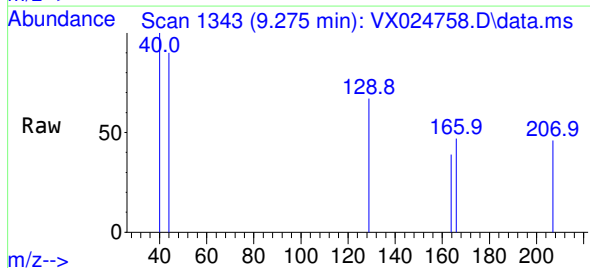




#60
Dibromochloromethane
Concen: 1.23 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX024758.D
Acq: 12 Oct 2021 12:41

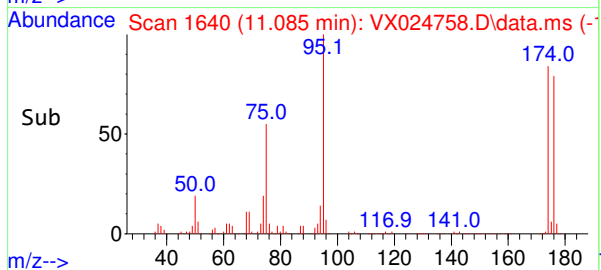
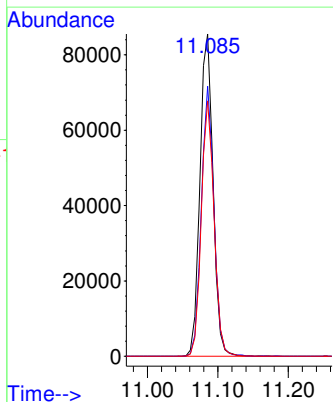
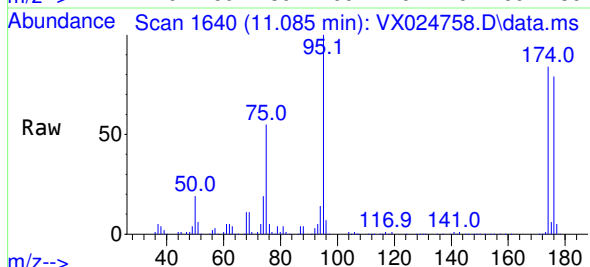
Instrument :
MSVOA_X
ClientSampled :

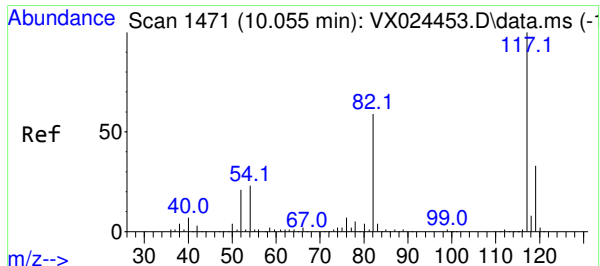
Tgt Ion:129 Resp: 89
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 50.75 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024758.D
Acq: 12 Oct 2021 12:41

Tgt Ion: 95 Resp: 110893
Ion Ratio Lower Upper
95 100
174 80.8 0.0 154.6
176 77.2 0.0 155.8

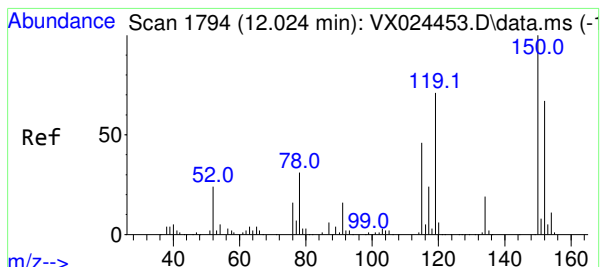
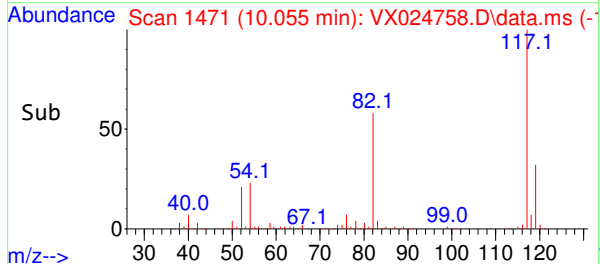
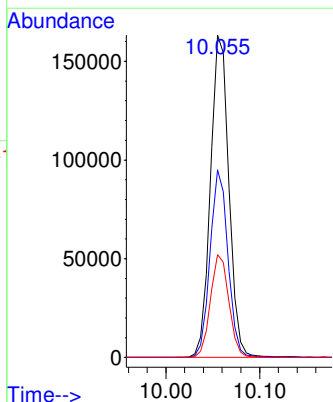
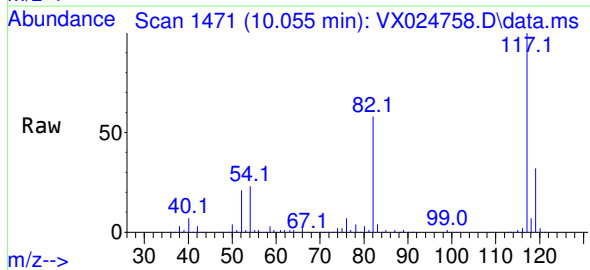




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024758.D
Acq: 12 Oct 2021 12:41

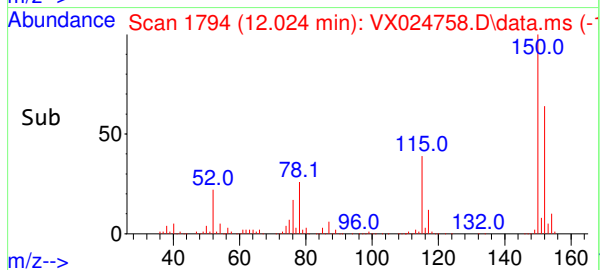
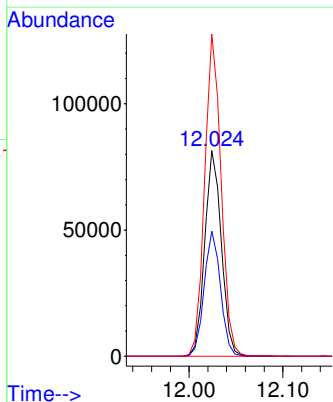
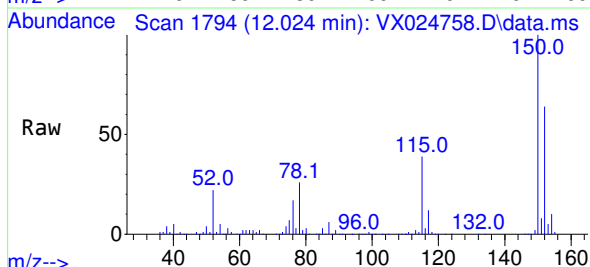
Instrument :
MSVOA_X
ClientSampled :

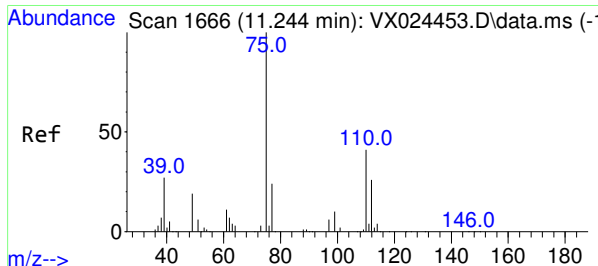
Tgt Ion:	117	Resp:	222411
Ion	Ratio	Lower	Upper
117	100		
82	58.2	47.4	71.2
119	31.9	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024758.D
Acq: 12 Oct 2021 12:41

Tgt Ion:	152	Resp:	100694
Ion	Ratio	Lower	Upper
152	100		
115	60.0	41.1	123.3
150	155.3	0.0	349.0

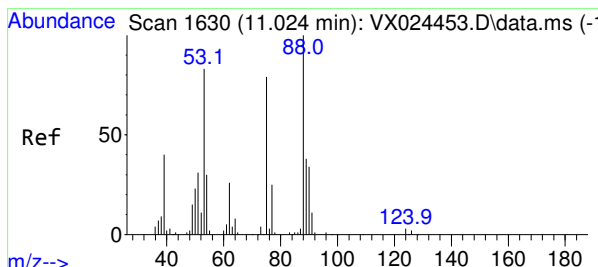
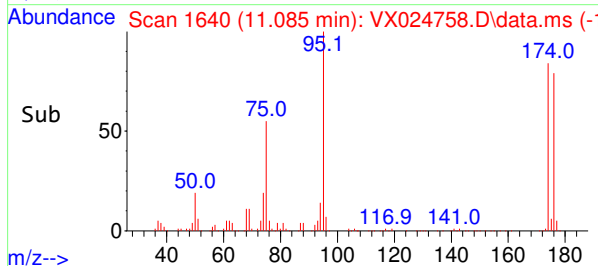
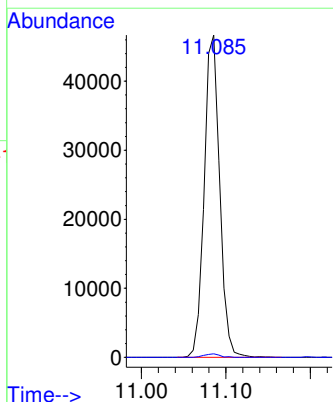
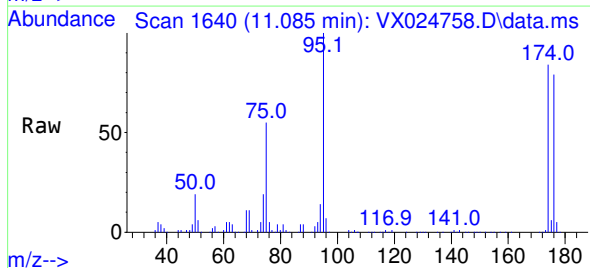




#76
1,2,3-Trichloropropane
Concen: 26.10 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024758.D
Acq: 12 Oct 2021 12:41

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 59677
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.08 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024758.D
Acq: 12 Oct 2021 12:41

Tgt Ion: 75 Resp: 59677
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

