

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101221\
 Data File : VX024769.D
 Acq On : 12 Oct 2021 17:34
 Operator : JC/MD
 Sample : M4170-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 12 18:02:31 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

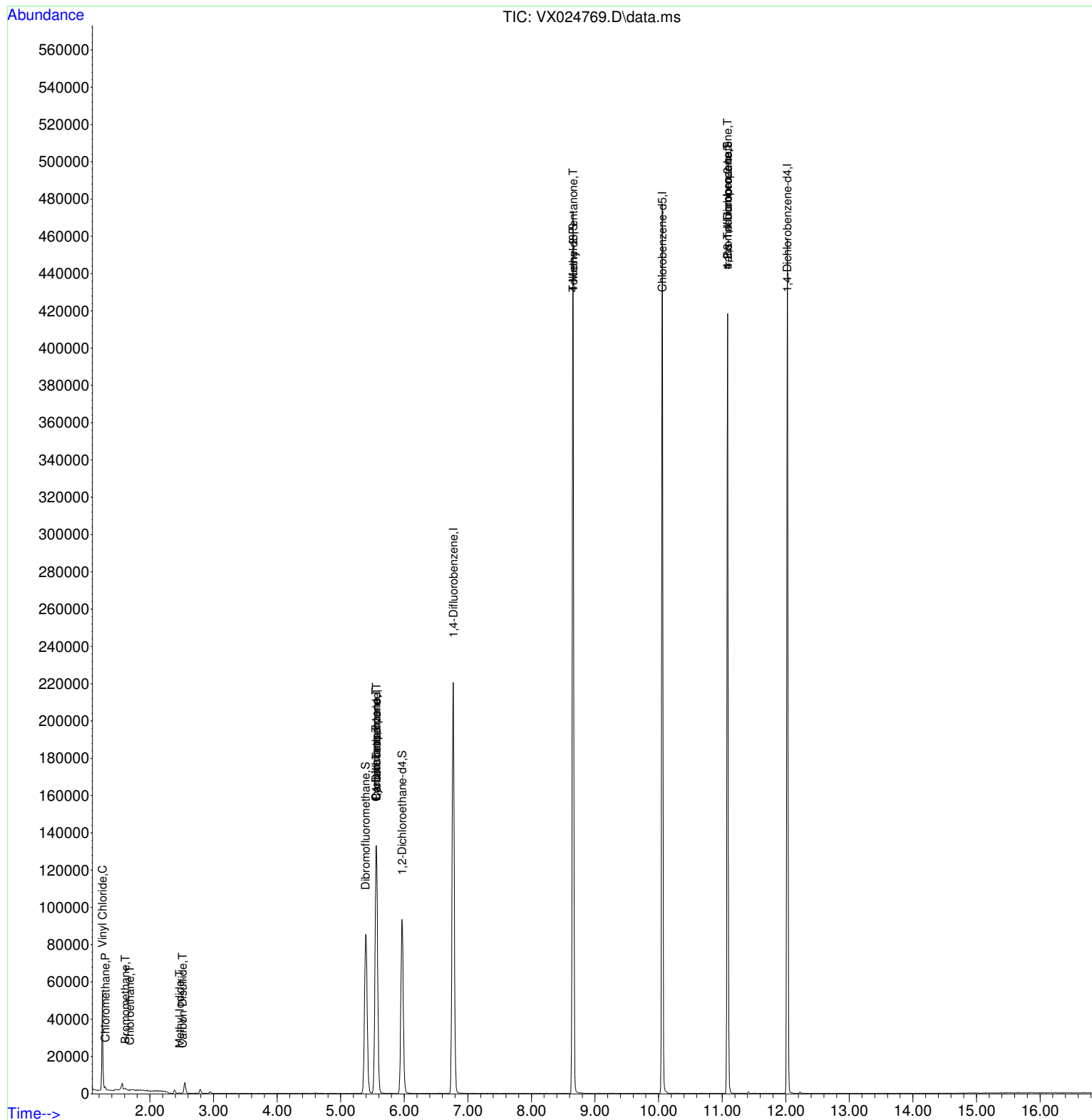
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	123403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	217617	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94522	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	95718	55.04	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	110.08%		
35) Dibromofluoromethane	5.391	113	74121	51.27	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.54%		
50) Toluene-d8	8.653	98	269809	50.71	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.42%		
62) 4-Bromofluorobenzene	11.085	95	106170	50.75	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.50%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	647	0.55	ug/l #	84
4) Vinyl Chloride	1.252	62	309	0.25	ug/l #	1
5) Bromomethane	1.612	94	266	0.32	ug/l	98
6) Chloroethane	1.685	64	111	0.39	ug/l #	43
10) Methyl Iodide	2.465	142	347	0.20	ug/l #	71
11) Tert butyl alcohol	2.947	59	293	Below Cal	#	73
16) Acetone	2.392	43	1839	Below Cal		92
17) Carbon Disulfide	2.514	76	264	0.32	ug/l #	75
20) Methylene Chloride	2.788	84	966	Below Cal		88
31) Cyclohexane	5.556	56	2744	1.32	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9934	4.76	ug/l #	49
38) Carbon Tetrachloride	5.562	117	13195	5.81	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1220	0.47	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	57111	26.61	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	57111	72.43	ug/l #	12

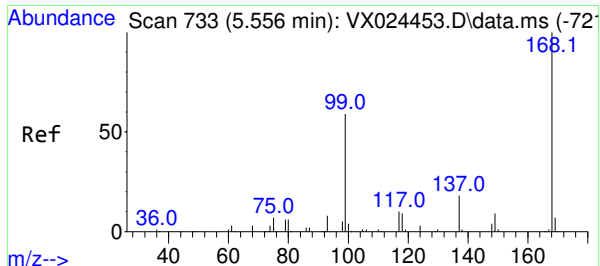
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101221\
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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 12 18:02:31 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

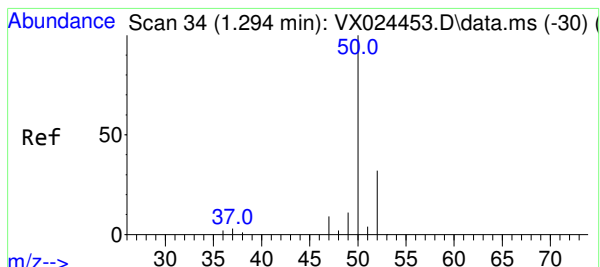
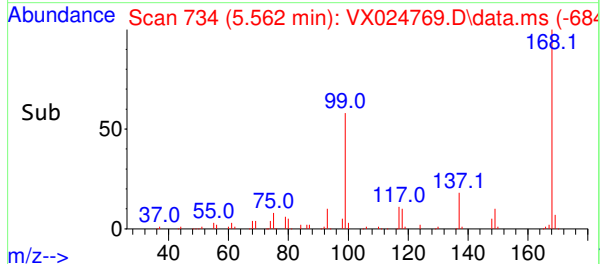
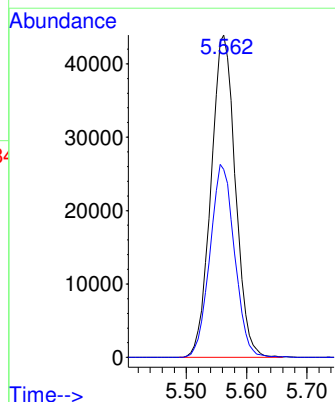
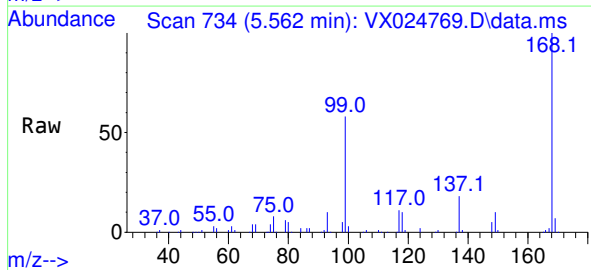




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024769.D
Acq: 12 Oct 2021 17:34

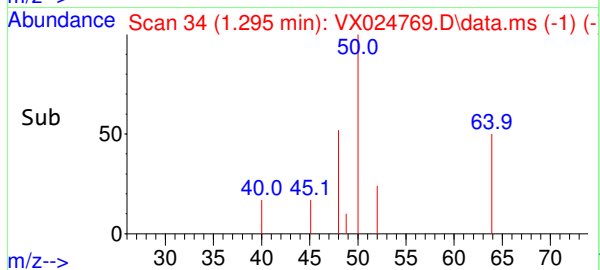
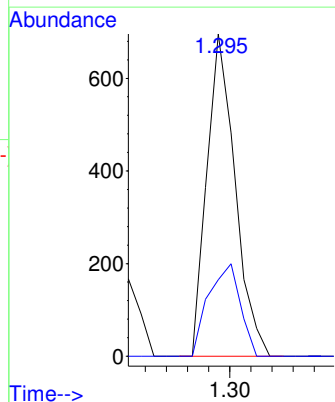
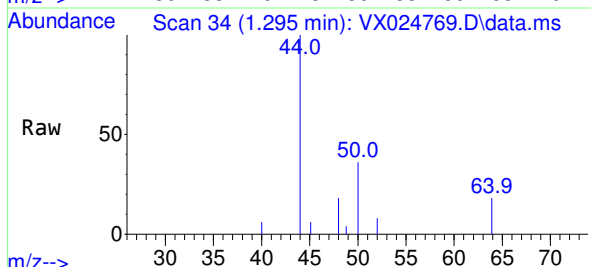
Instrument :
MSVOA_X
ClientSampled :

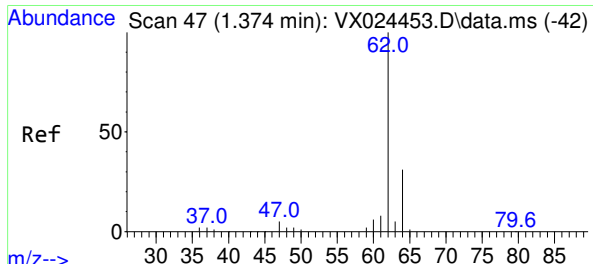
Tgt Ion:168 Resp: 123403
Ion Ratio Lower Upper
168 100
99 58.3 45.8 68.6



#3
Chloromethane
Concen: 0.55 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX024769.D
Acq: 12 Oct 2021 17:34

Tgt Ion: 50 Resp: 647
Ion Ratio Lower Upper
50 100
52 23.7 26.4 39.6#

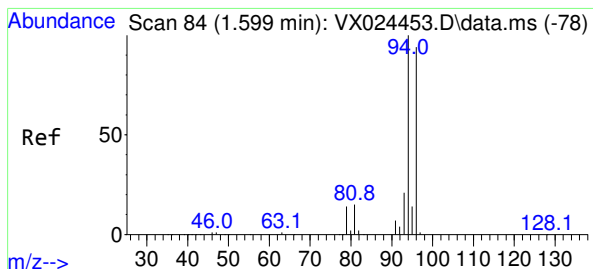
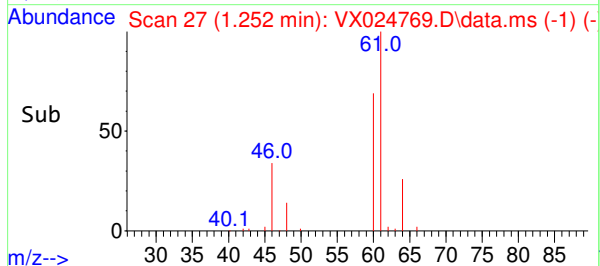
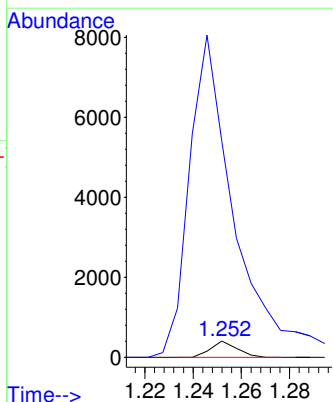
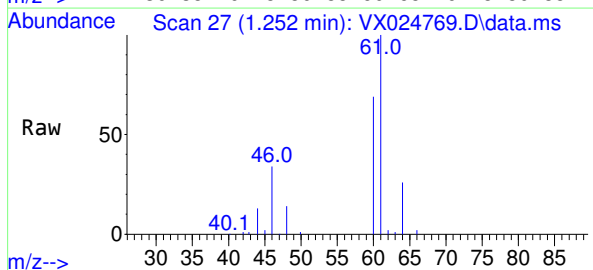




#4
Vinyl Chloride
Concen: 0.25 ug/l
RT: 1.252 min Scan# 27
Delta R.T. -0.122 min
Lab File: VX024769.D
Acq: 12 Oct 2021 17:34

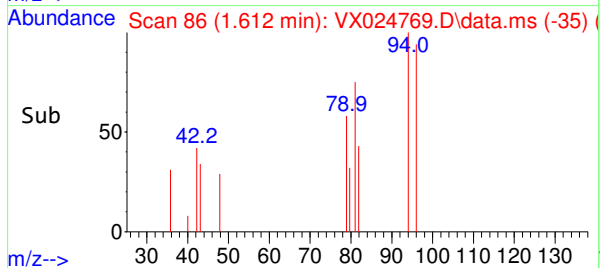
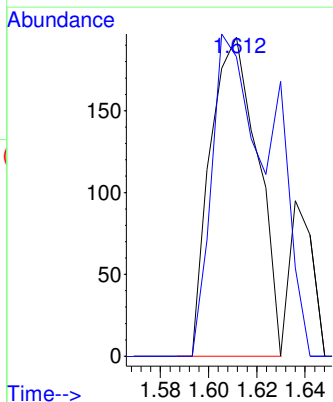
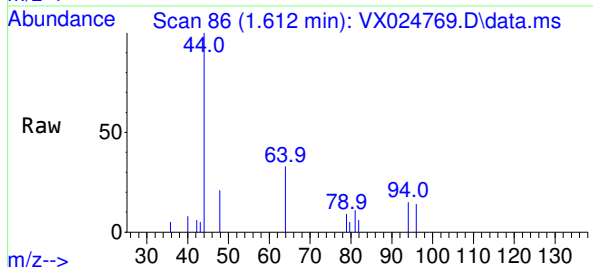
Instrument :
MSVOA_X
ClientSampled :

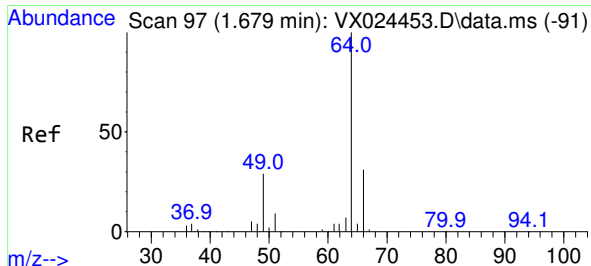
Tgt Ion: 62 Resp: 309
Ion Ratio Lower Upper
62 100
64 1151.9 25.7 38.5#



#5
Bromomethane
Concen: 0.32 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX024769.D
Acq: 12 Oct 2021 17:34

Tgt Ion: 94 Resp: 266
Ion Ratio Lower Upper
94 100
96 93.8 76.4 114.6

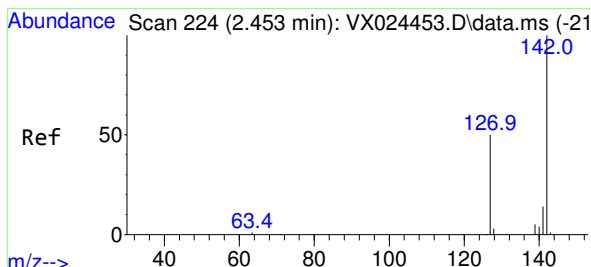
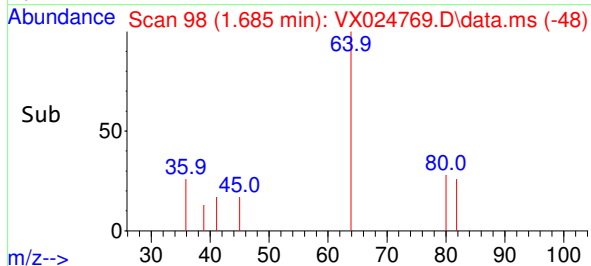
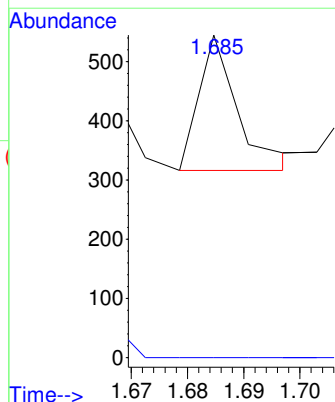
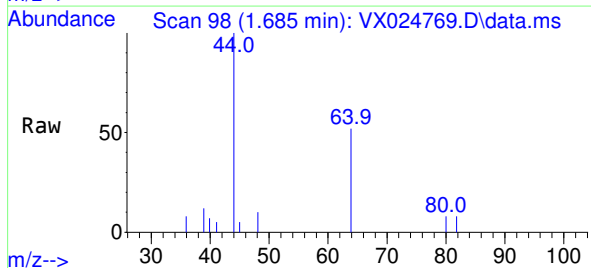




#6
Chloroethane
Concen: 0.39 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX024769.D
Acq: 12 Oct 2021 17:34

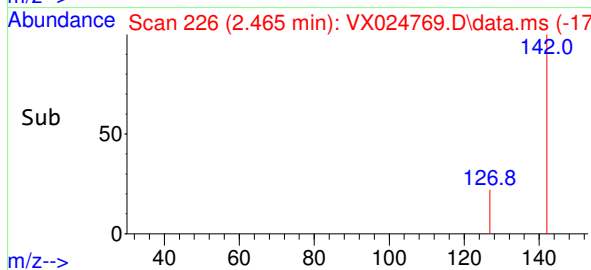
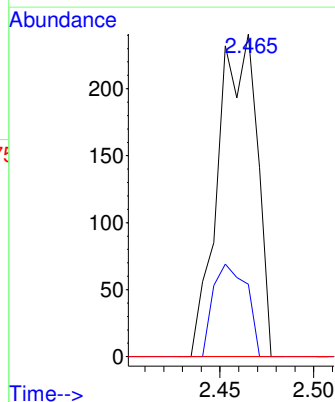
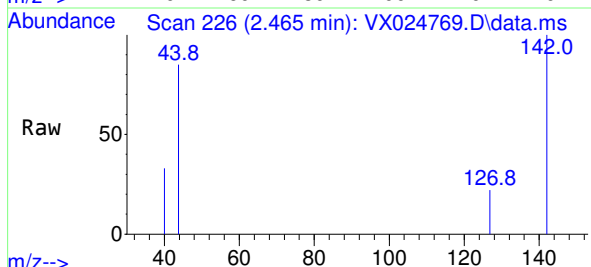
Instrument :
MSVOA_X
ClientSampled :

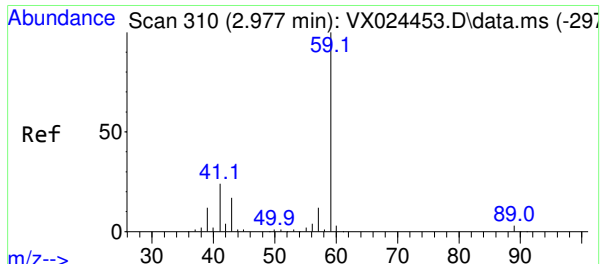
Tgt Ion: 64 Resp: 111
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.20 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024769.D
Acq: 12 Oct 2021 17:34

Tgt Ion: 142 Resp: 347
Ion Ratio Lower Upper
142 100
127 24.8 33.3 49.9#
141 0.0 11.4 17.0#

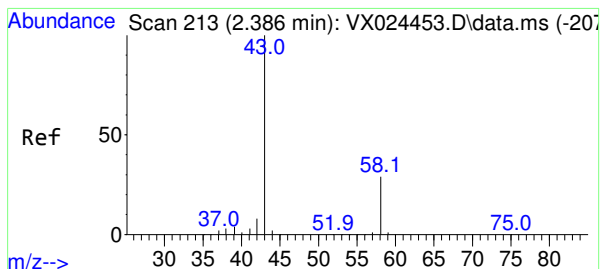
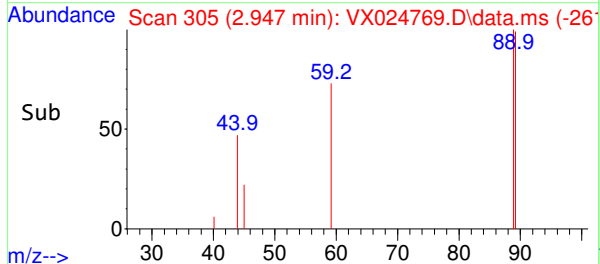
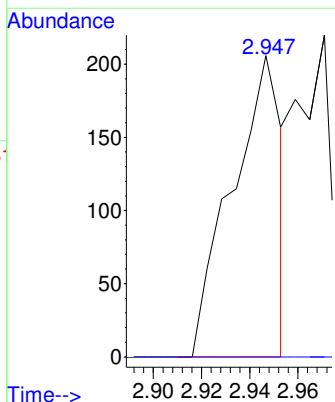
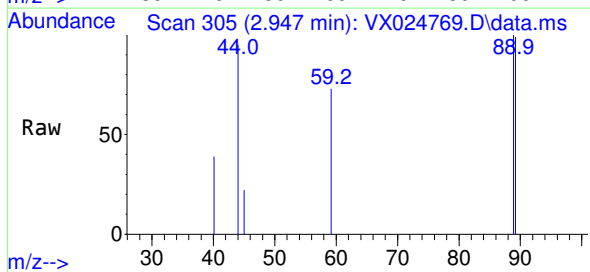




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX024769.D
Acq: 12 Oct 2021 17:34

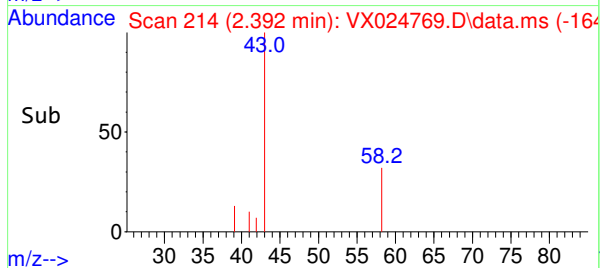
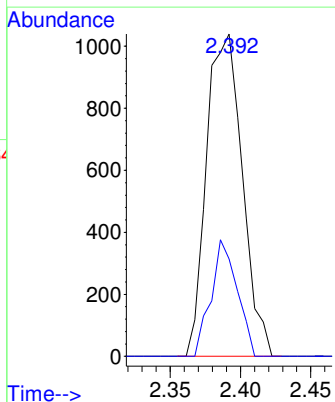
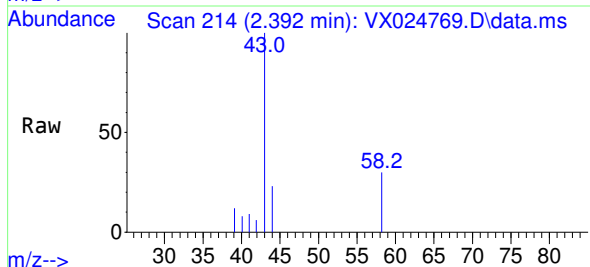
Instrument :
MSVOA_X
ClientSampled :

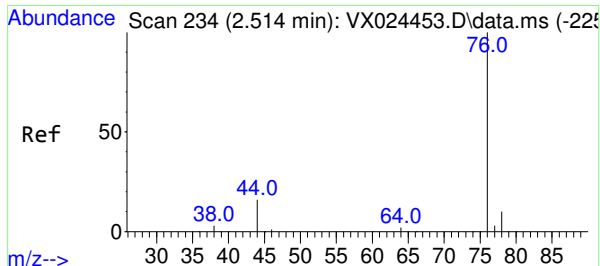
Tgt Ion: 59 Resp: 293
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX024769.D
Acq: 12 Oct 2021 17:34

Tgt Ion: 43 Resp: 1839
Ion Ratio Lower Upper
43 100
58 30.2 27.8 41.8

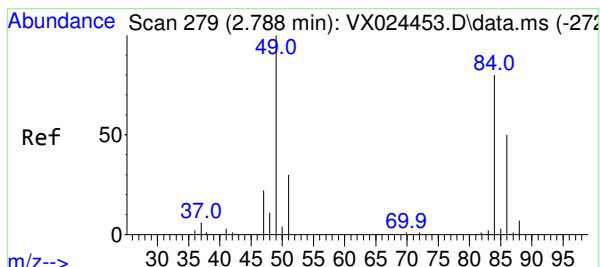
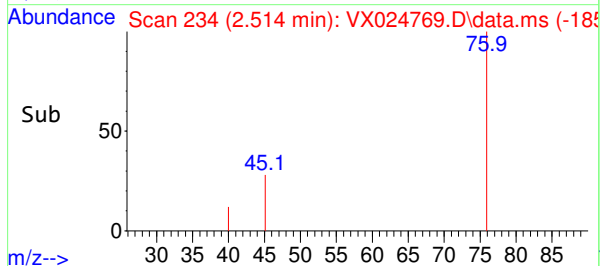
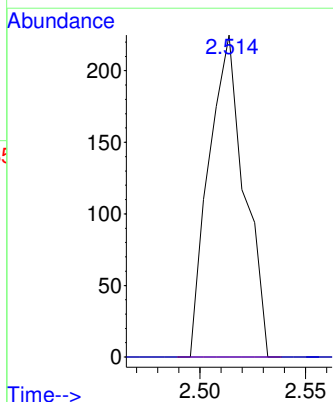
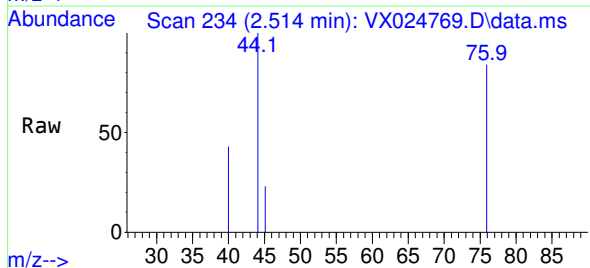




#17
Carbon Disulfide
Concen: 0.32 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024769.D
Acq: 12 Oct 2021 17:34

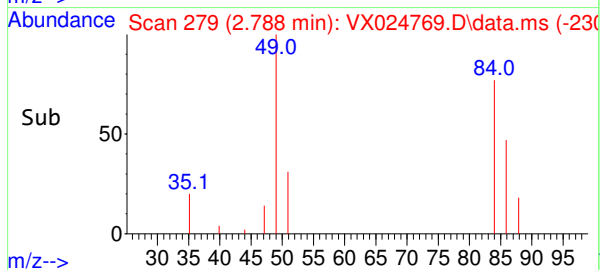
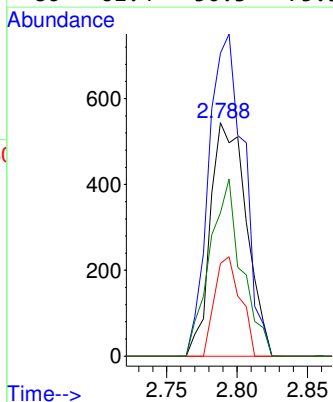
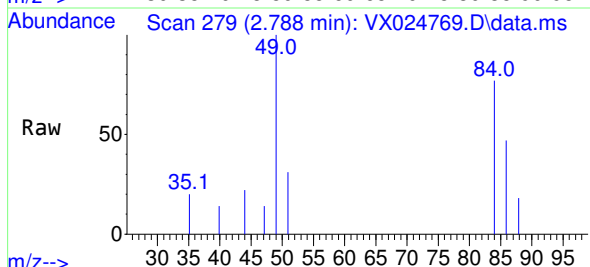
Instrument :
MSVOA_X
ClientSampled :

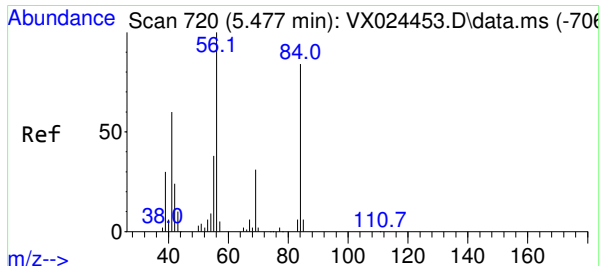
Tgt Ion: 76 Resp: 264
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX024769.D
Acq: 12 Oct 2021 17:34

Tgt Ion: 84 Resp: 966
Ion Ratio Lower Upper
84 100
49 129.8 88.6 132.8
51 39.7 27.0 40.6
86 61.4 50.3 75.5

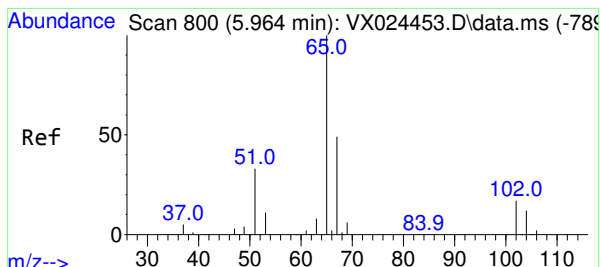
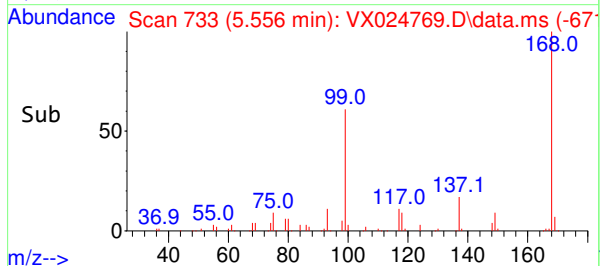
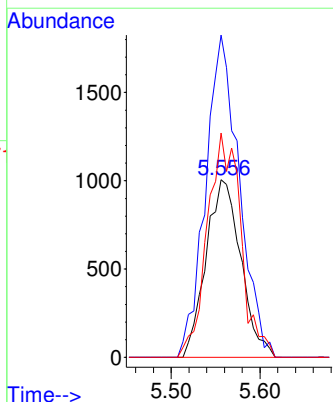
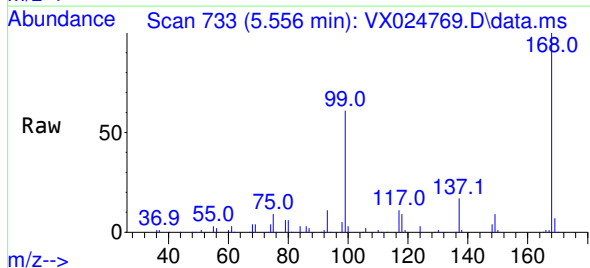




#31
Cyclohexane
Concen: 1.32 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024769.D
Acq: 12 Oct 2021 17:34

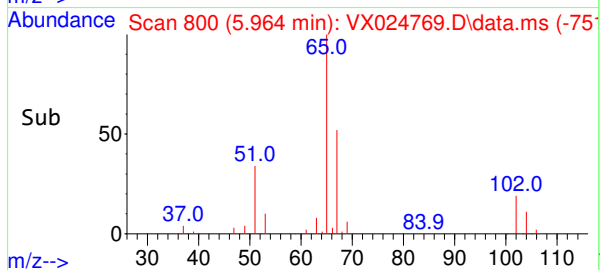
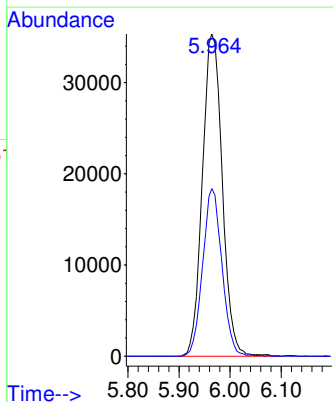
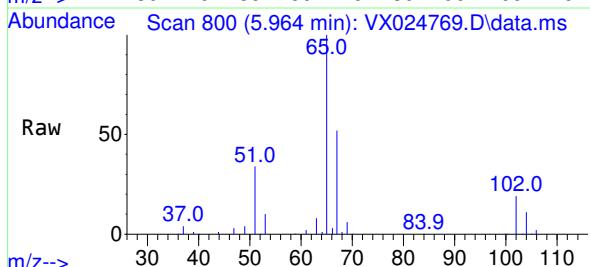
Instrument :
MSVOA_X
ClientSampled :

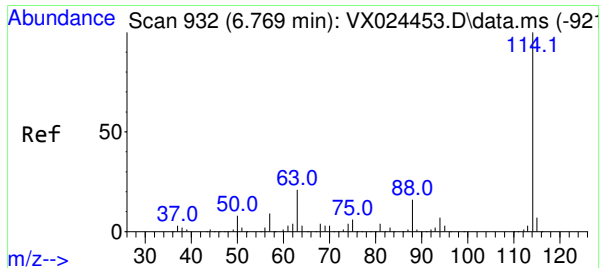
Tgt Ion: 56 Resp: 2744
Ion Ratio Lower Upper
56 100
69 181.5 25.3 37.9#
84 126.2 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 55.04 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024769.D
Acq: 12 Oct 2021 17:34

Tgt Ion: 65 Resp: 95718
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.4

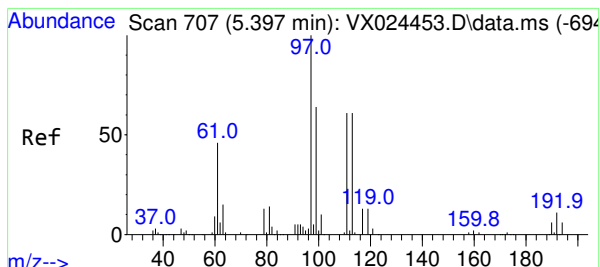
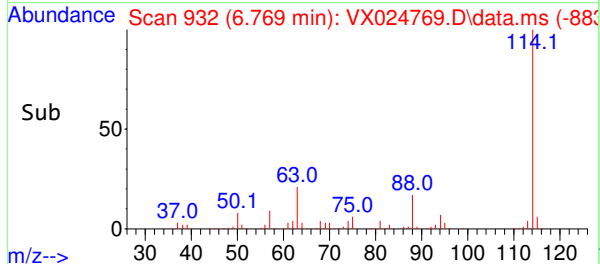
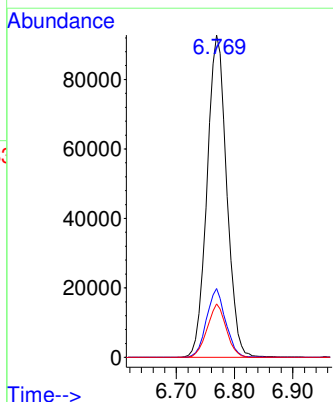
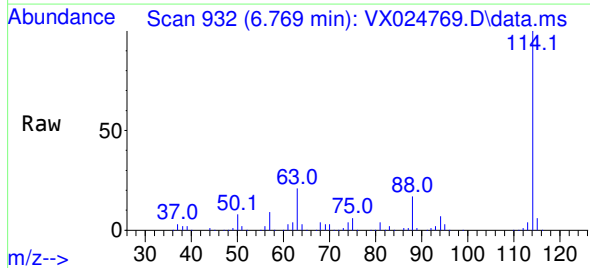




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024769.D
Acq: 12 Oct 2021 17:34

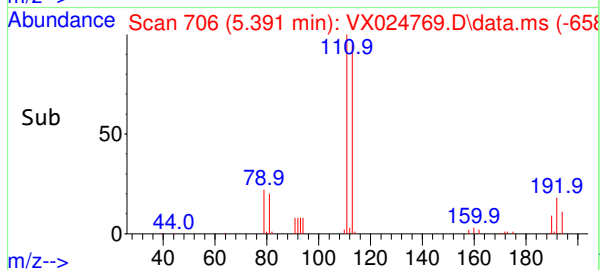
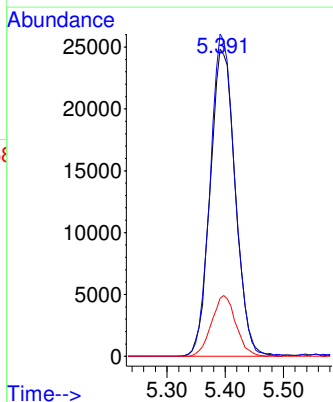
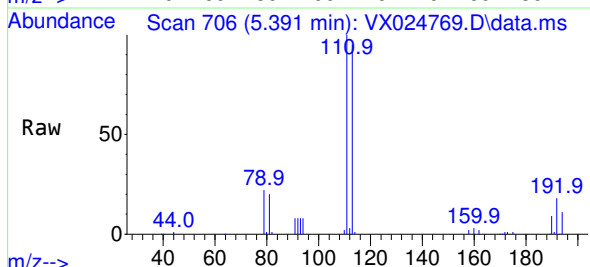
Instrument :
MSVOA_X
ClientSampled :

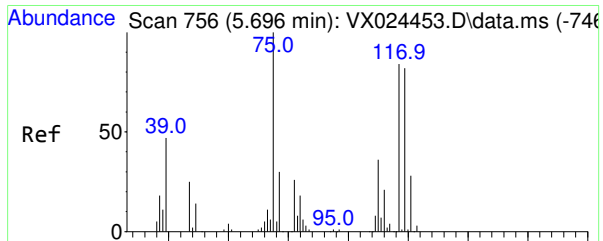
Tgt Ion:	114	Resp:	217617
Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	40.8
88	16.6	0.0	32.8



#35
Dibromofluoromethane
Concen: 51.27 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX024769.D
Acq: 12 Oct 2021 17:34

Tgt Ion:	113	Resp:	74121
Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.9	122.9
192	19.1	16.7	25.1

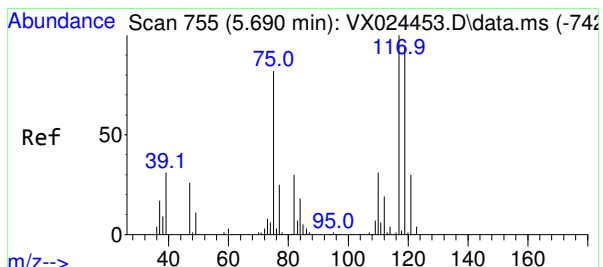
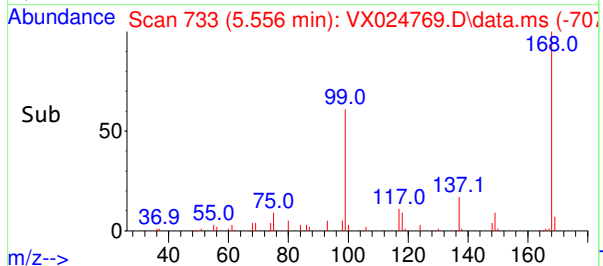
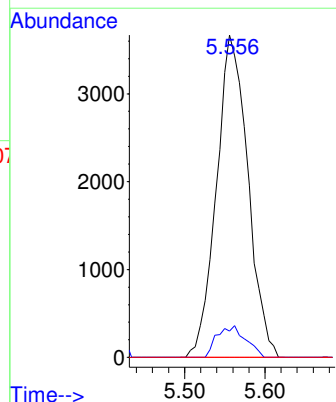
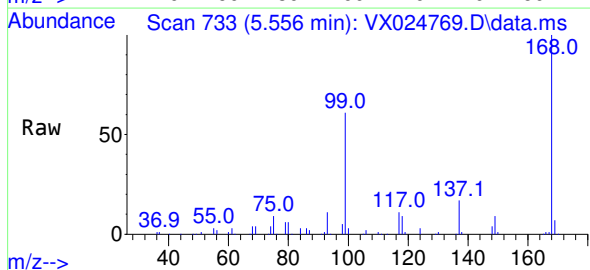




#36
1,1-Dichloropropene
Concen: 4.76 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX024769.D
Acq: 12 Oct 2021 17:34

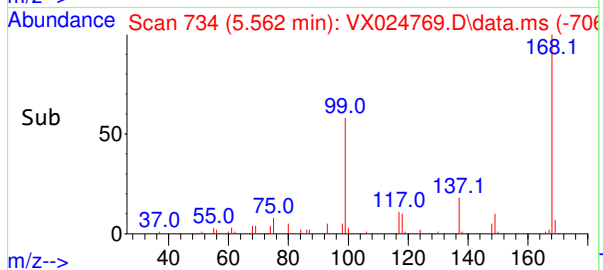
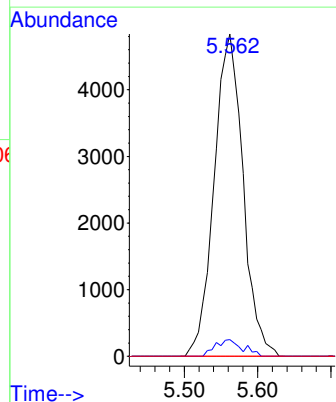
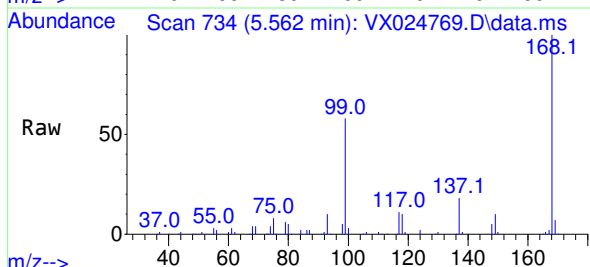
Instrument :
MSVOA_X
ClientSampled :

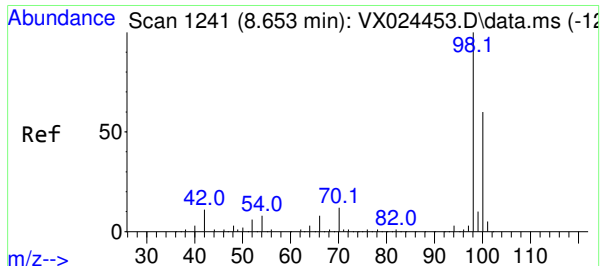
Tgt Ion:	75	Resp:	9934
Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.1	54.4#
77	0.0	25.3	37.9#



#38
Carbon Tetrachloride
Concen: 5.81 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024769.D
Acq: 12 Oct 2021 17:34

Tgt Ion:	117	Resp:	13195
Ion	Ratio	Lower	Upper
117	100		
119	5.2	76.2	114.2#
121	0.0	24.8	37.2#

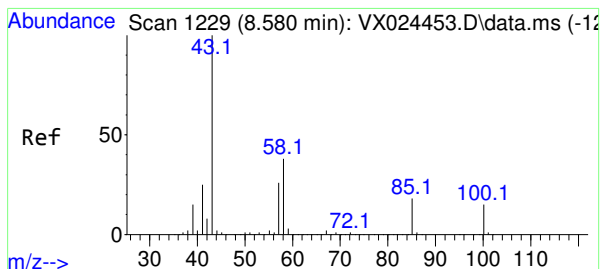
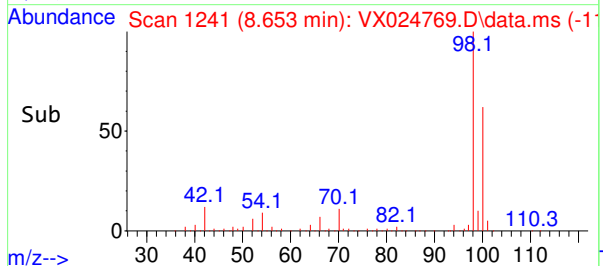
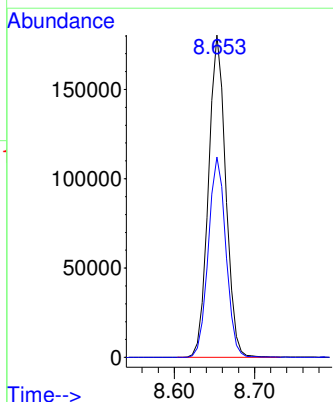
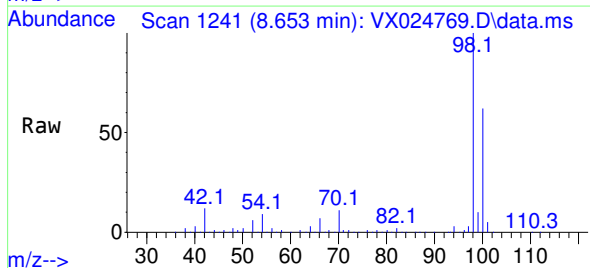




#50
Toluene-d8
Concen: 50.71 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024769.D
Acq: 12 Oct 2021 17:34

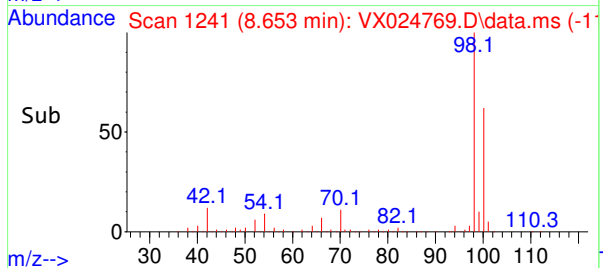
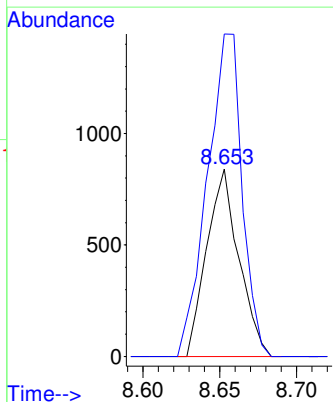
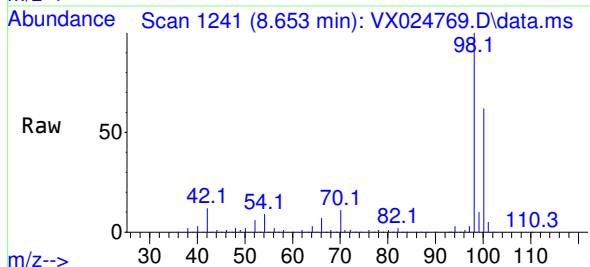
Instrument :
MSVOA_X
ClientSampled :

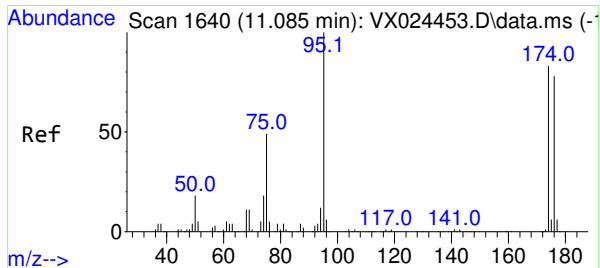
Tgt Ion: 98 Resp: 269809
Ion Ratio Lower Upper
98 100
100 63.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.47 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024769.D
Acq: 12 Oct 2021 17:34

Tgt Ion: 43 Resp: 1220
Ion Ratio Lower Upper
43 100
58 186.2 35.4 53.0#

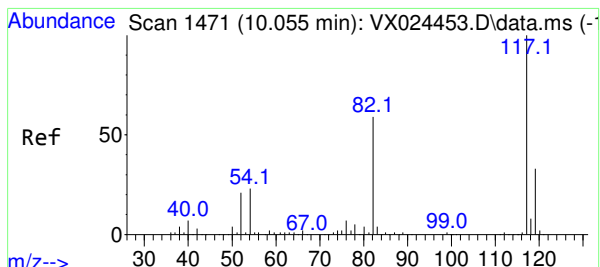
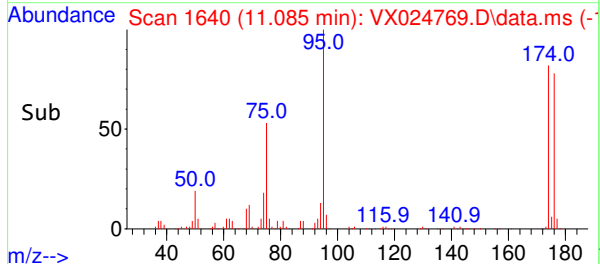
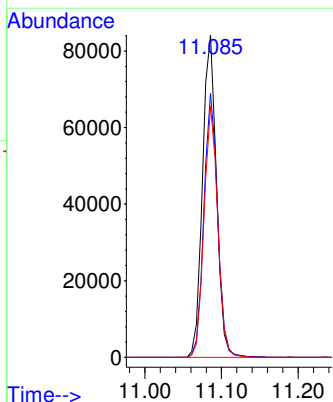
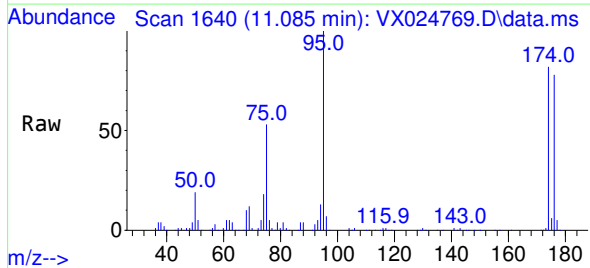




#62
4-Bromofluorobenzene
Concen: 50.75 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024769.D
Acq: 12 Oct 2021 17:34

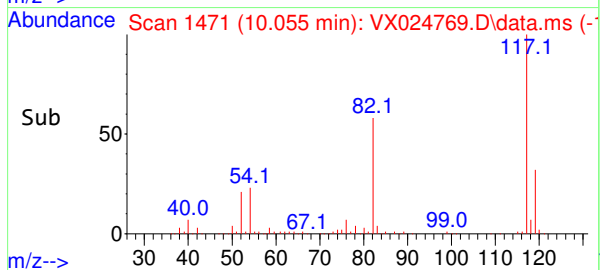
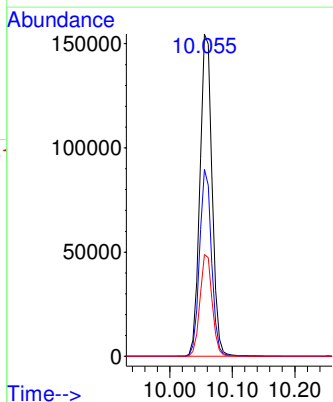
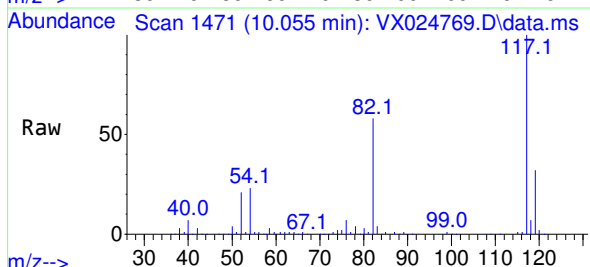
Instrument :
MSVOA_X
ClientSampled :

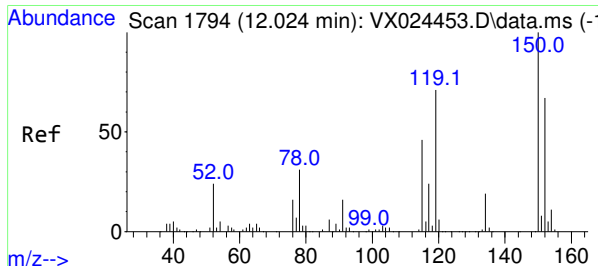
Tgt Ion:	95	Resp:	106170
Ion	Ratio	Lower	Upper
95	100		
174	81.1	0.0	154.6
176	76.7	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024769.D
Acq: 12 Oct 2021 17:34

Tgt Ion:	117	Resp:	211573
Ion	Ratio	Lower	Upper
117	100		
82	58.0	47.4	71.2
119	31.6	26.6	39.8

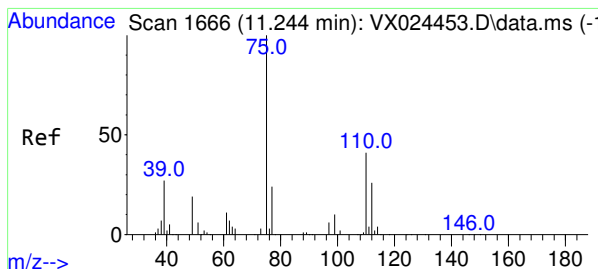
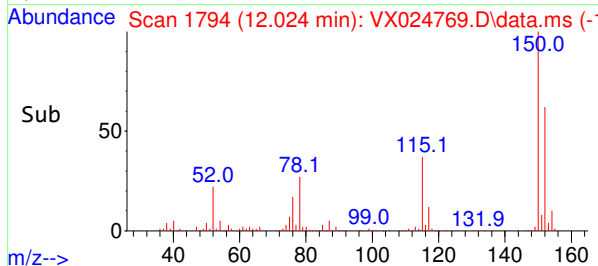
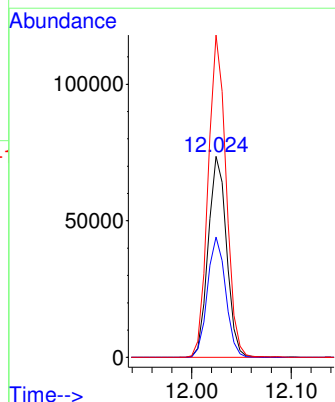
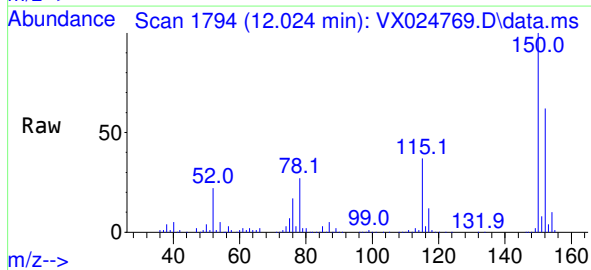




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024769.D
Acq: 12 Oct 2021 17:34

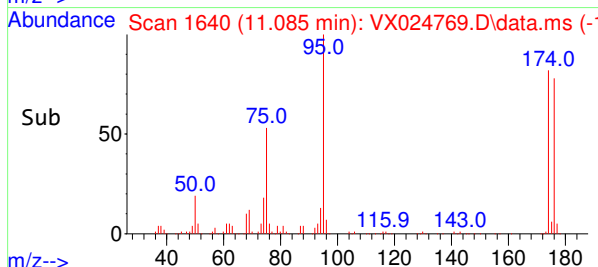
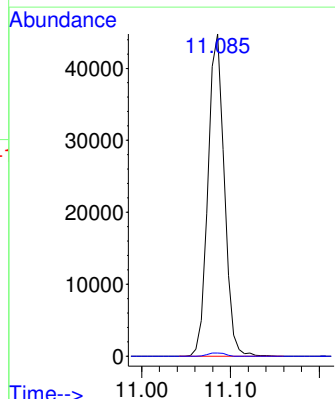
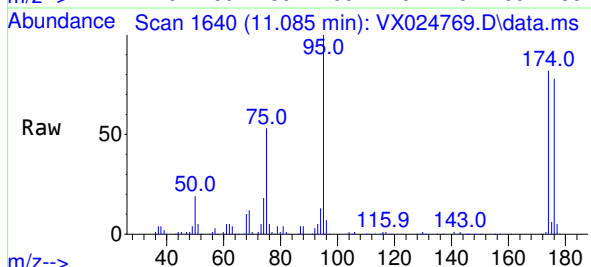
Instrument :
MSVOA_X
ClientSampled :

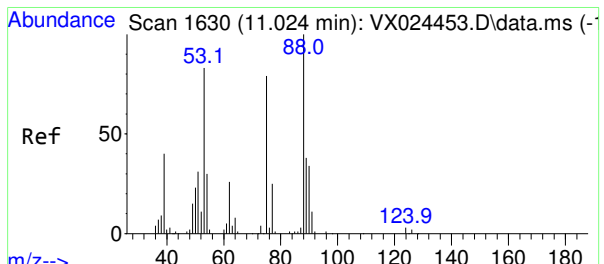
Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.5	41.1	123.3
150	156.7	0.0	349.0



#76
1,2,3-Trichloropropane
Concen: 26.61 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024769.D
Acq: 12 Oct 2021 17:34

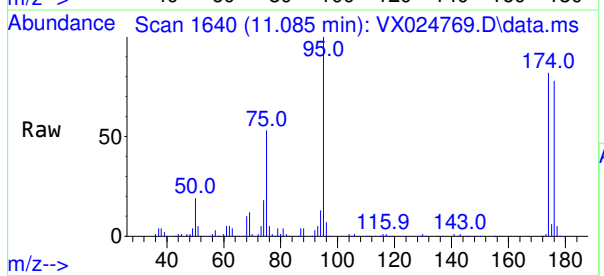
Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.1	57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.43 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX024769.D
 Acq: 12 Oct 2021 17:34

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 57111

Ion	Ratio	Lower	Upper
75	100		
53	0.1	74.5	111.7#
89	0.0	37.9	56.9#

