

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072321\
 Data File : VX023418.D
 Acq On : 23 Jul 2021 12:16
 Operator : JC/MD
 Sample : M3145-03 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 24 03:44:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

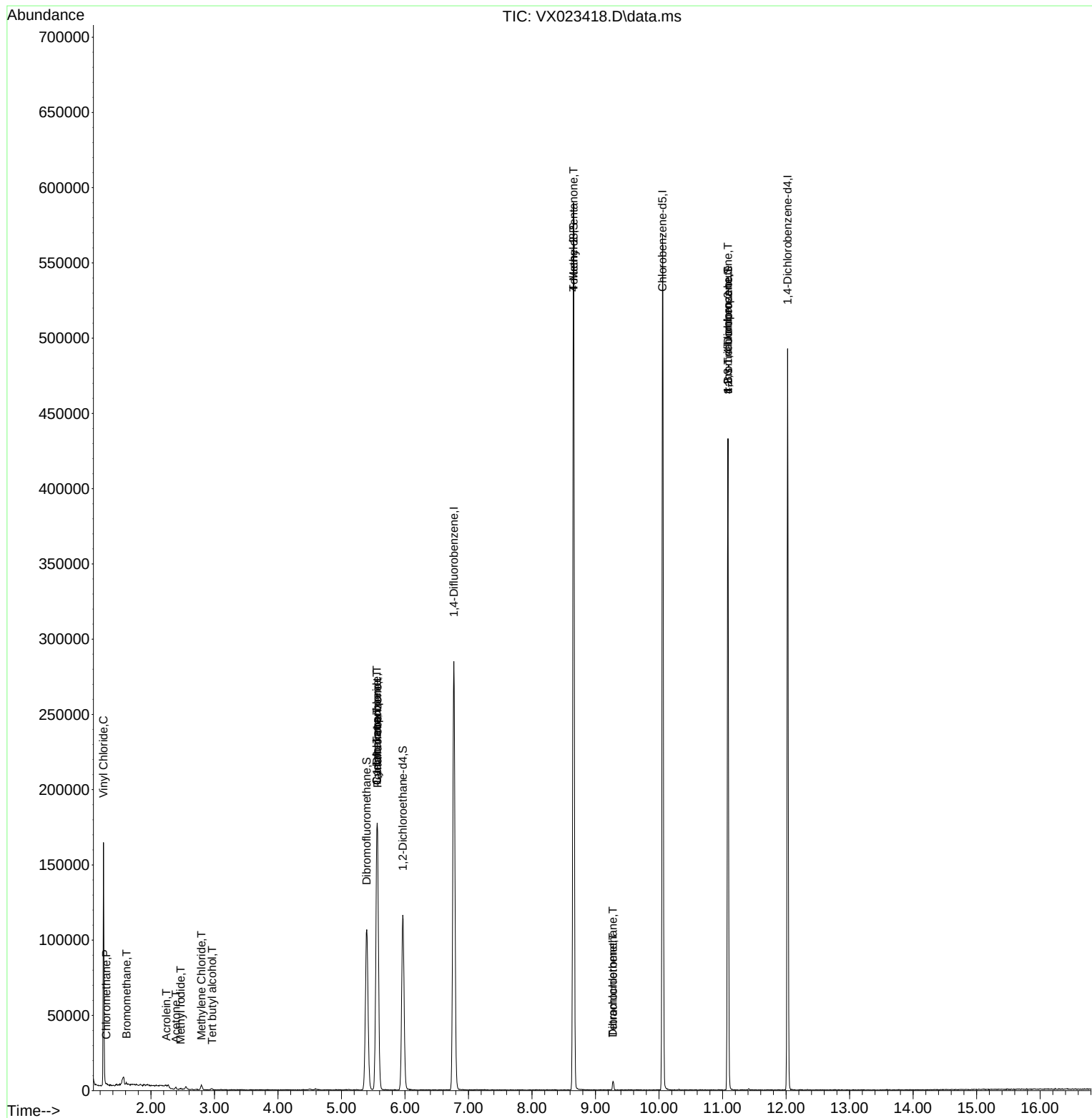
Internal Standards						
1) Pentafluorobenzene	5.568	168	173860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	290425	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	255704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	111486	51.406	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 102.820%		
35) Dibromofluoromethane	5.397	113	91412	50.341	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.680%		
50) Toluene-d8	8.653	98	348168	52.187	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 104.380%		
62) 4-Bromofluorobenzene	11.085	95	107268	47.284	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 94.560%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	479	0.257	ug/l #	86
4) Vinyl Chloride	1.251	62	1281	0.679	ug/l #	62
5) Bromomethane	1.617	94	925	0.826	ug/l #	79
10) Methyl Iodide	2.465	142	921	0.427	ug/l #	86
11) Tert butyl alcohol	2.965	59	482	0.973	ug/l #	73
13) Acrolein	2.239	56	54	1.577	ug/l #	80
16) Acetone	2.392	43	1292	1.214	ug/l #	83
20) Methylene Chloride	2.794	84	1335	0.645	ug/l #	90
31) Cyclohexane	5.556	56	4027	1.253	ug/l #	5
36) 1,1-Dichloropropene	5.556	75	13378	5.092	ug/l #	48
38) Carbon Tetrachloride	5.556	117	16809	6.291	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1632	0.520	ug/l #	1
60) Dibromochloromethane	9.274	129	1007	2.430	ug/l #	11
64) Tetrachloroethene	9.274	164	1119	0.550	ug/l #	87
76) 1,2,3-Trichloropropane	11.085	75	54996	25.439	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	54996	68.402	ug/l #	12

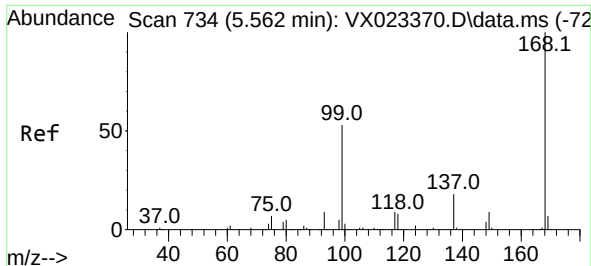
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampled :

Quant Time: Jul 24 03:44:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:05:38 2021
Response via : Initial Calibration

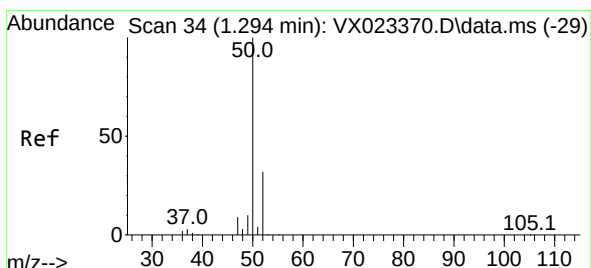
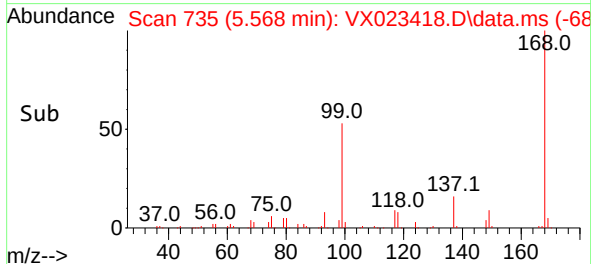
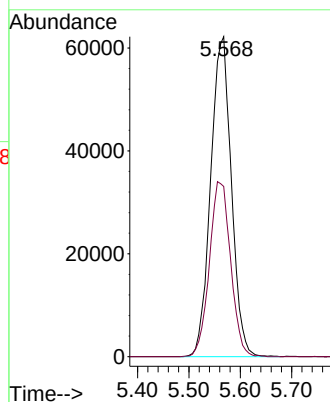
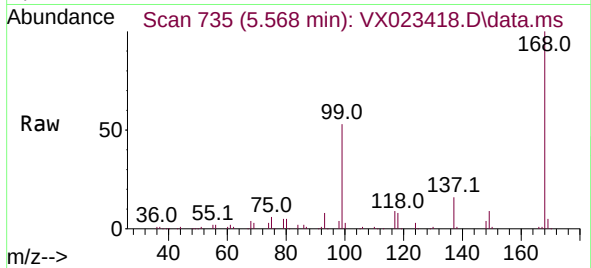




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX023418.D
Acq: 23 Jul 2021 12:16

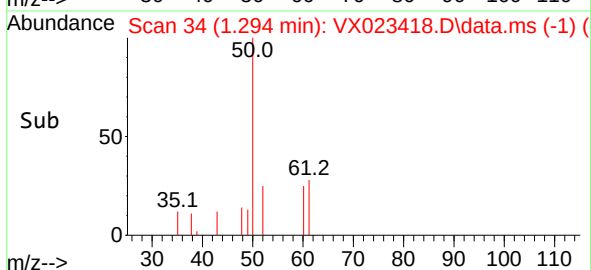
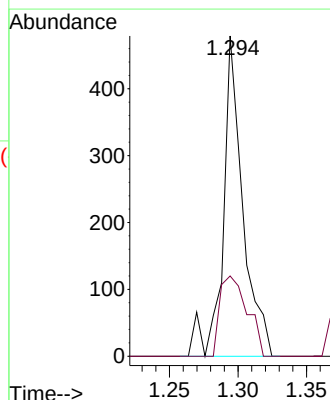
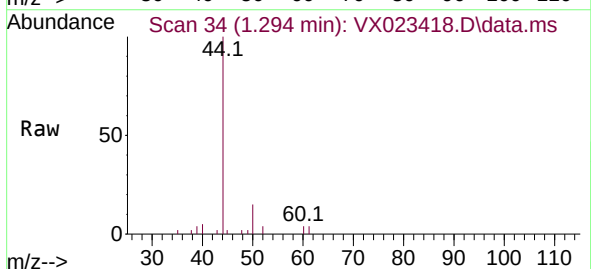
Instrument :
MSVOA_X
ClientSampled :

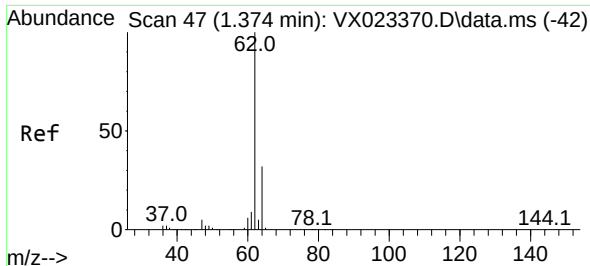
Tgt Ion:168 Resp: 173860
Ion Ratio Lower Upper
168 100
99 53.2 45.8 68.6



#3
Chloromethane
Concen: 0.257 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023418.D
Acq: 23 Jul 2021 12:16

Tgt Ion: 50 Resp: 479
Ion Ratio Lower Upper
50 100
52 25.1 26.4 39.6#

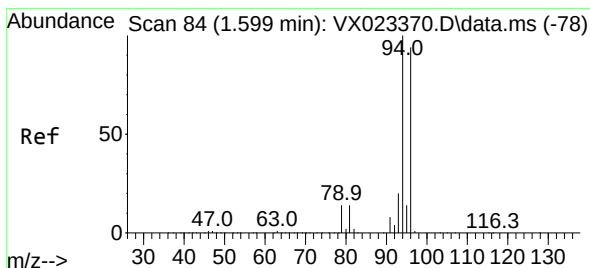
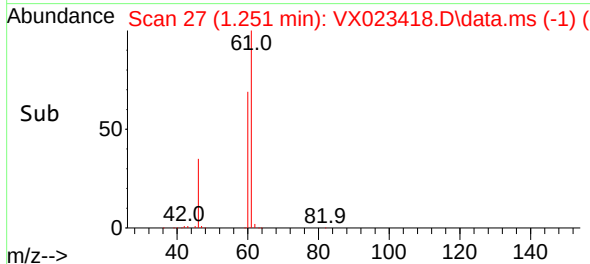
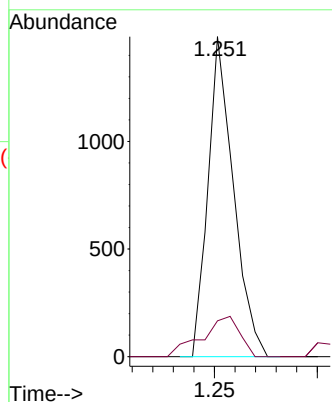
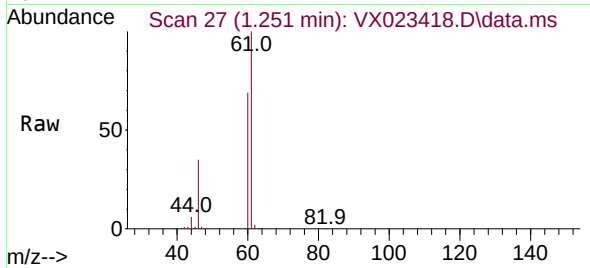




#4
 Vinyl Chloride
 Concen: 0.679 ug/l
 RT: 1.251 min Scan# 27
 Delta R.T. -0.123 min
 Lab File: VX023418.D
 Acq: 23 Jul 2021 12:16

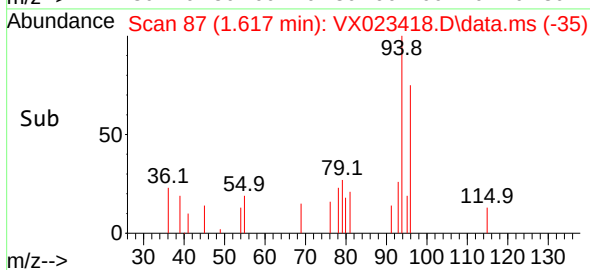
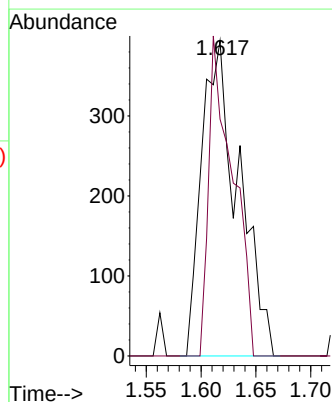
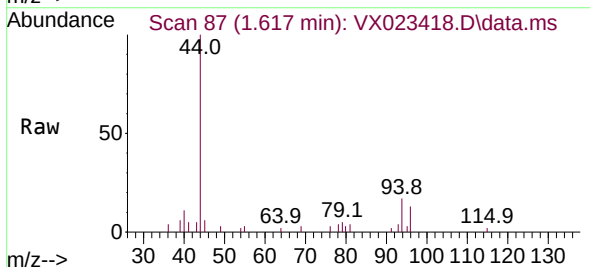
Instrument :
 MSVOA_X
 ClientSampled :

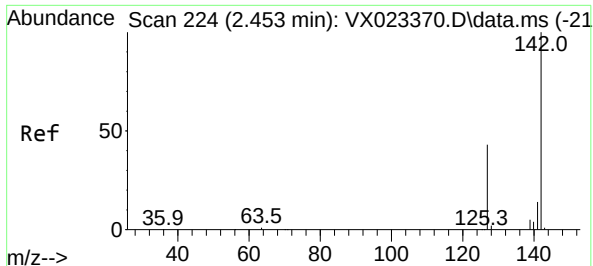
Tgt Ion: 62 Resp: 1281
 Ion Ratio Lower Upper
 62 100
 64 11.2 25.7 38.5#



#5
 Bromomethane
 Concen: 0.826 ug/l
 RT: 1.617 min Scan# 87
 Delta R.T. 0.018 min
 Lab File: VX023418.D
 Acq: 23 Jul 2021 12:16

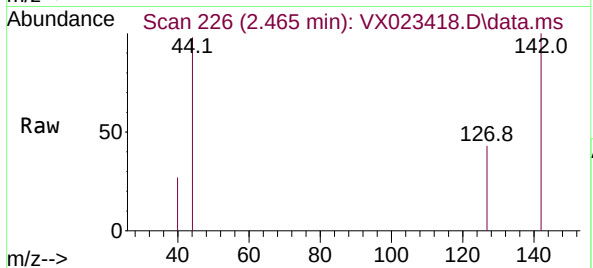
Tgt Ion: 94 Resp: 925
 Ion Ratio Lower Upper
 94 100
 96 75.1 76.4 114.6#



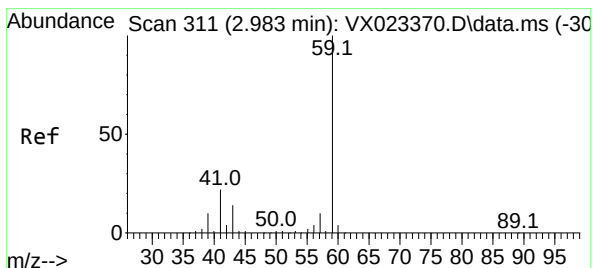
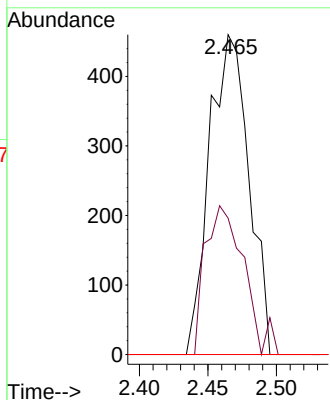
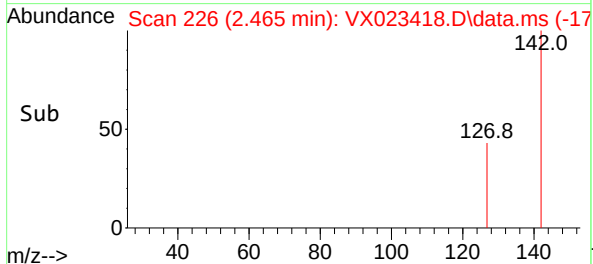


#10
Methyl Iodide
Concen: 0.427 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023418.D
Acq: 23 Jul 2021 12:16

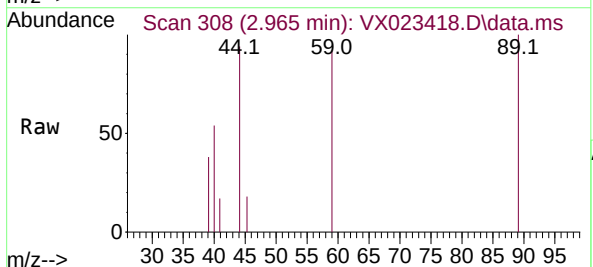
Instrument :
MSVOA_X
ClientSampled :



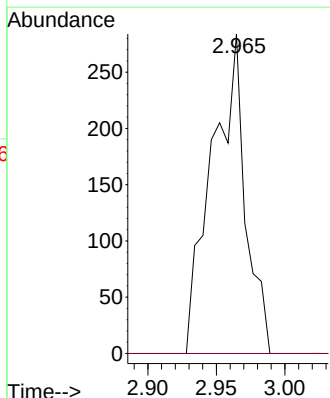
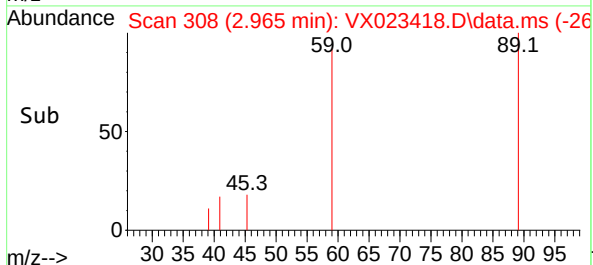
Tgt Ion:142 Resp: 921
Ion Ratio Lower Upper
142 100
127 45.7 33.3 49.9
141 0.0 11.4 17.0#

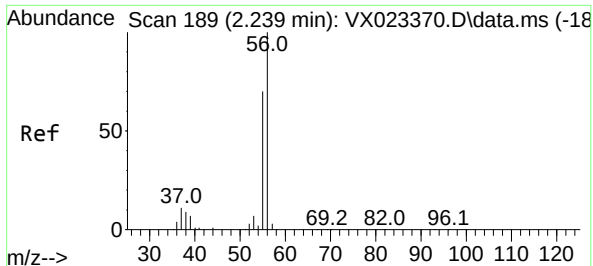


#11
Tert butyl alcohol
Concen: 0.973 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX023418.D
Acq: 23 Jul 2021 12:16



Tgt Ion: 59 Resp: 482
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

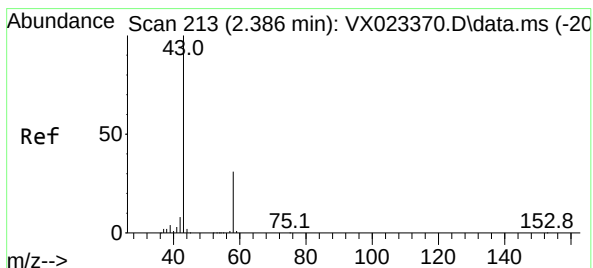
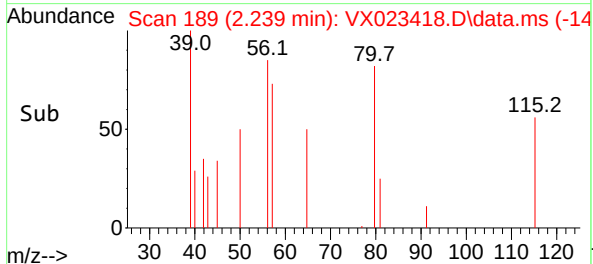
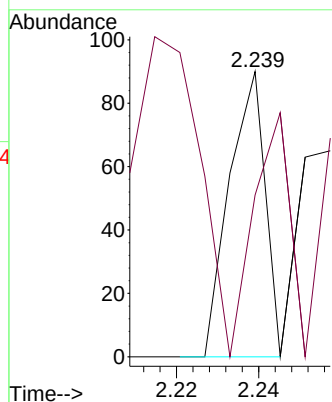
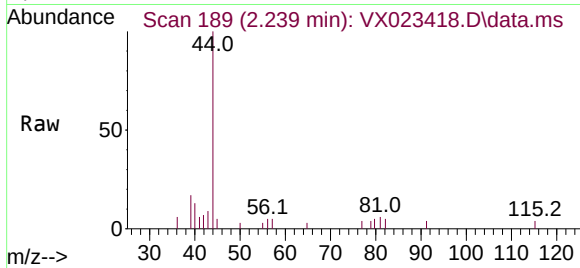




#13
Acrolein
Concen: 1.577 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX023418.D
Acq: 23 Jul 2021 12:16

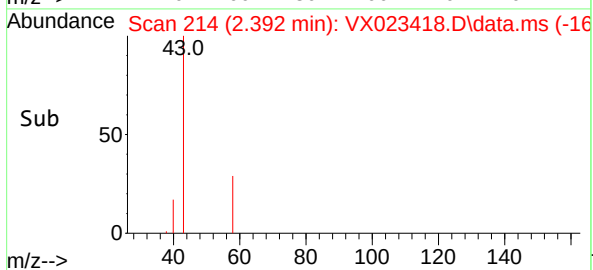
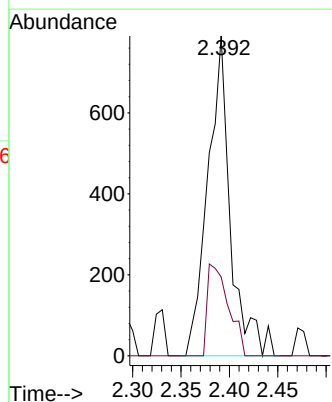
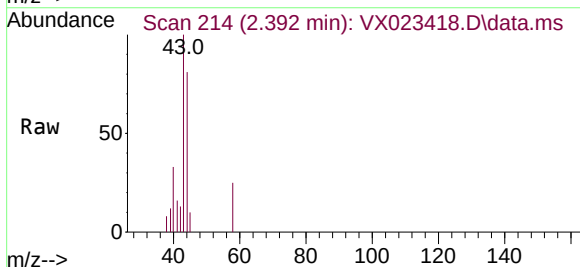
Instrument :
MSVOA_X
ClientSampled :

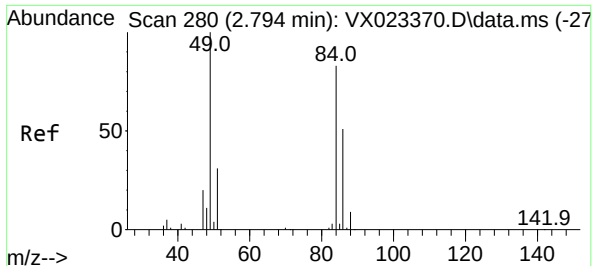
Tgt Ion: 56 Resp: 54
Ion Ratio Lower Upper
56 100
55 87.0 56.4 84.6#



#16
Acetone
Concen: 1.214 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX023418.D
Acq: 23 Jul 2021 12:16

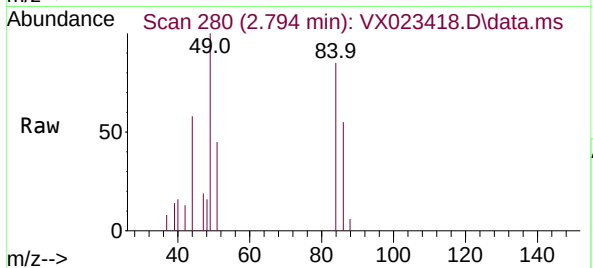
Tgt Ion: 43 Resp: 1292
Ion Ratio Lower Upper
43 100
58 24.7 27.8 41.8#



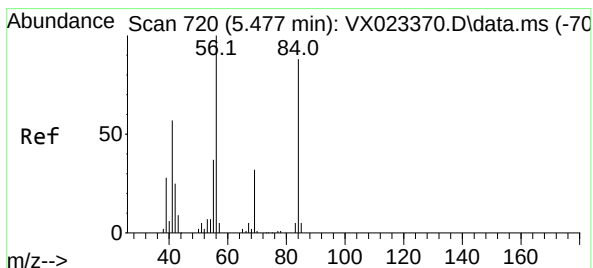
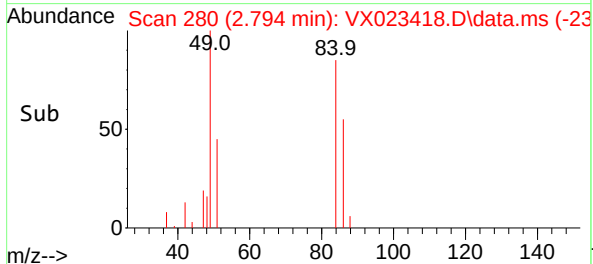
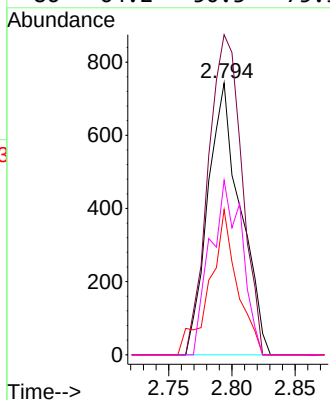


#20
Methylene Chloride
Concen: 0.645 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX023418.D
Acq: 23 Jul 2021 12:16

Instrument :
MSVOA_X
ClientSampled :

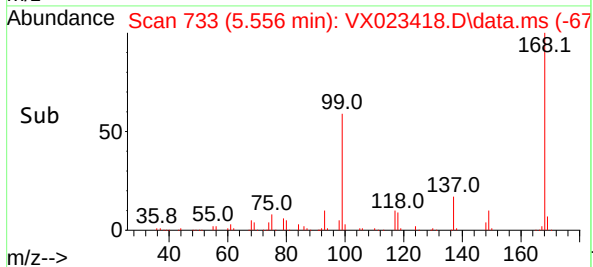
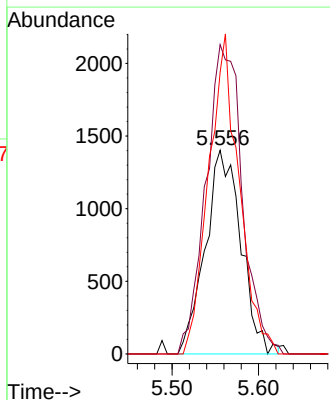
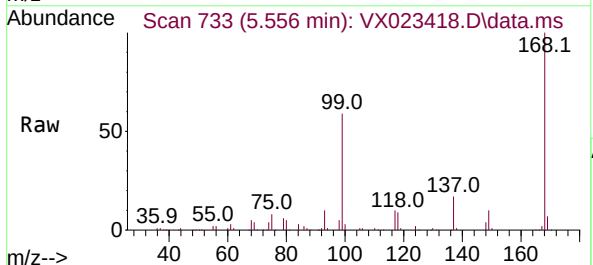


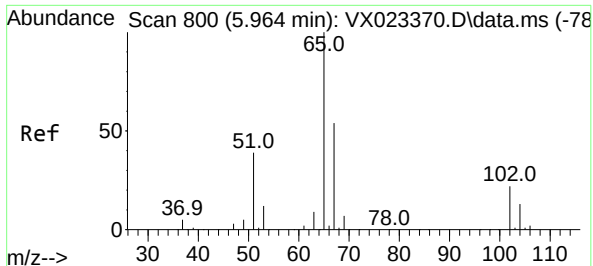
Tgt Ion:	84	Resp:	1335
Ion	Ratio	Lower	Upper
84	100		
49	117.8	88.6	132.8
51	53.4	27.0	40.6#
86	64.2	50.3	75.5



#31
Cyclohexane
Concen: 1.253 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023418.D
Acq: 23 Jul 2021 12:16

Tgt Ion:	56	Resp:	4027
Ion	Ratio	Lower	Upper
56	100		
69	151.9	25.3	37.9#
84	138.3	71.4	107.0#



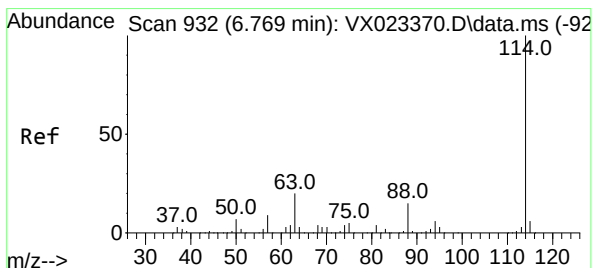
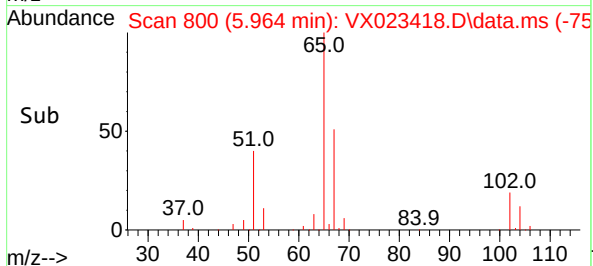
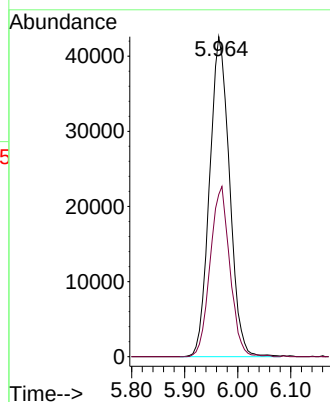
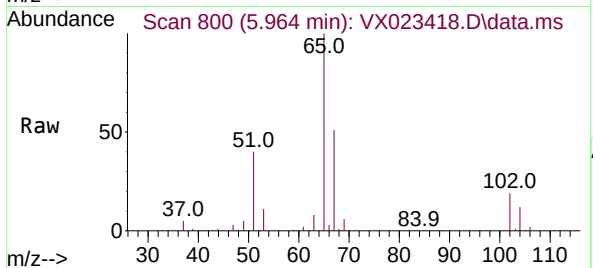


#33

1,2-Dichloroethane-d4
Concen: 51.406 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023418.D
Acq: 23 Jul 2021 12:16

Instrument :
MSVOA_X
ClientSampled :

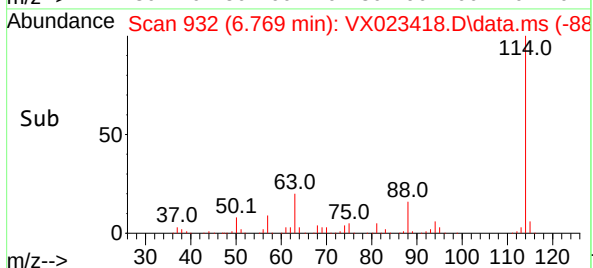
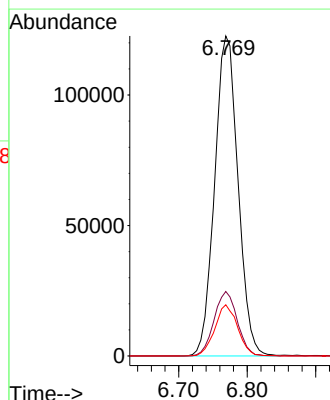
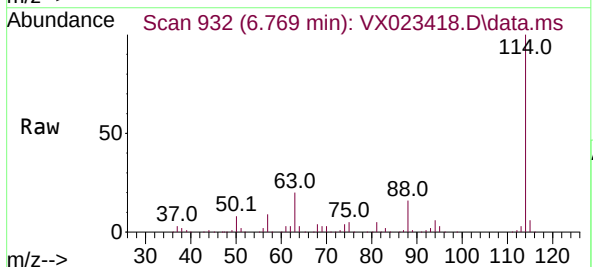
Tgt Ion: 65 Resp: 111486
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.4

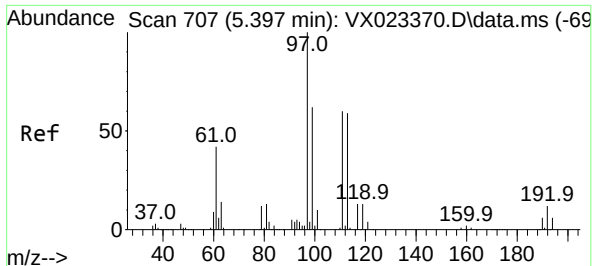


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023418.D
Acq: 23 Jul 2021 12:16

Tgt Ion: 114 Resp: 290425
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.8
88 16.0 0.0 32.8

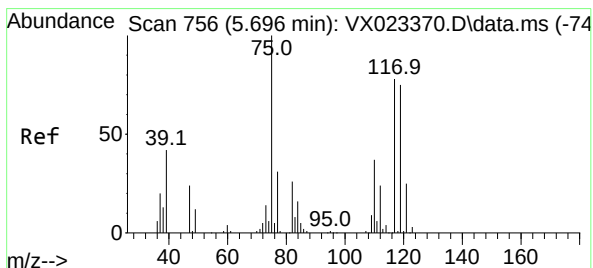
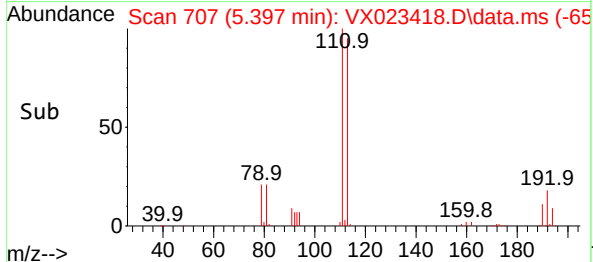
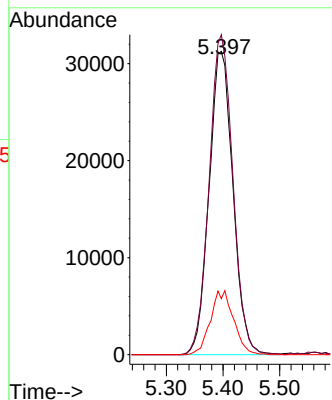
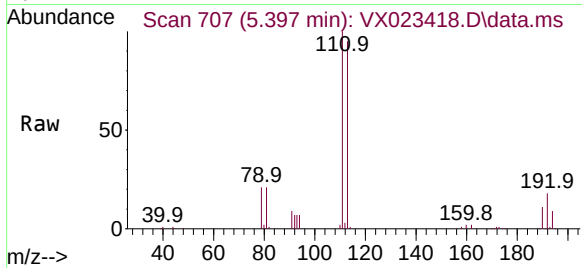




#35
Dibromofluoromethane
Concen: 50.341 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023418.D
Acq: 23 Jul 2021 12:16

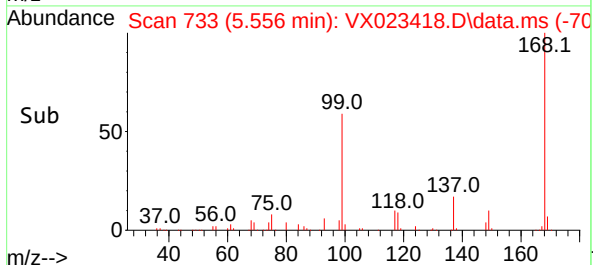
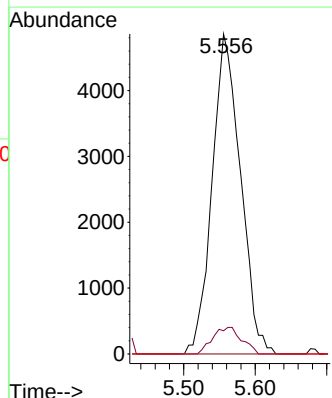
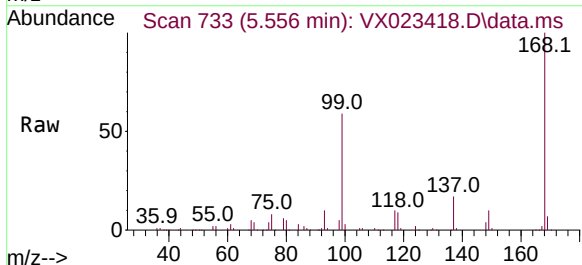
Instrument :
MSVOA_X
ClientSampleId :

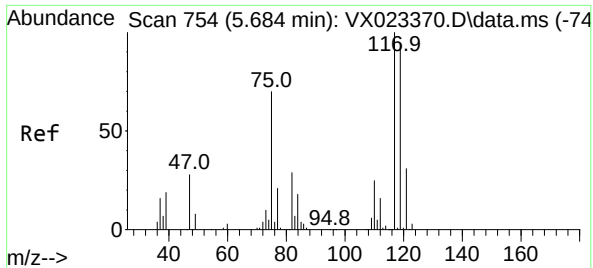
Tgt Ion:113 Resp: 91412
Ion Ratio Lower Upper
113 100
111 104.9 81.9 122.9
192 20.5 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.092 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX023418.D
Acq: 23 Jul 2021 12:16

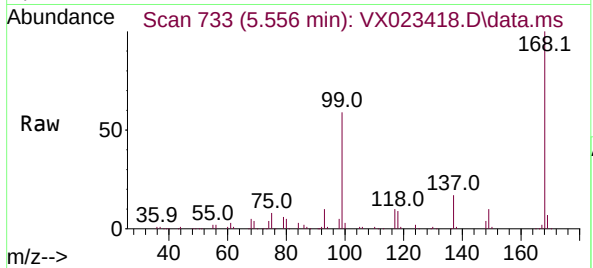
Tgt Ion: 75 Resp: 13378
Ion Ratio Lower Upper
75 100
110 8.5 18.1 54.4#
77 0.0 25.3 37.9#



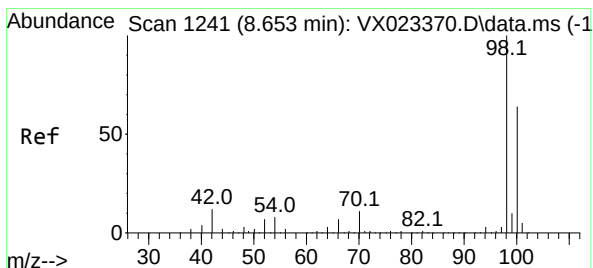
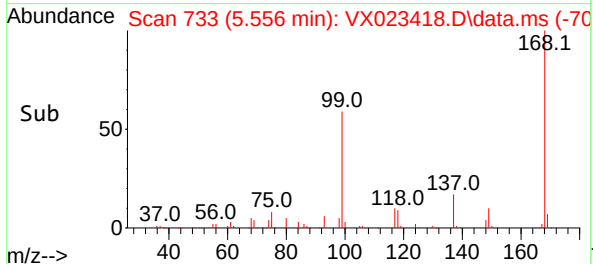
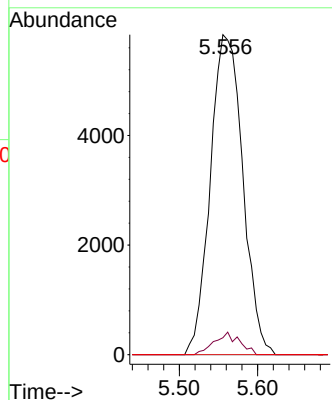


#38
Carbon Tetrachloride
Concen: 6.291 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023418.D
Acq: 23 Jul 2021 12:16

Instrument :
MSVOA_X
ClientSampled :

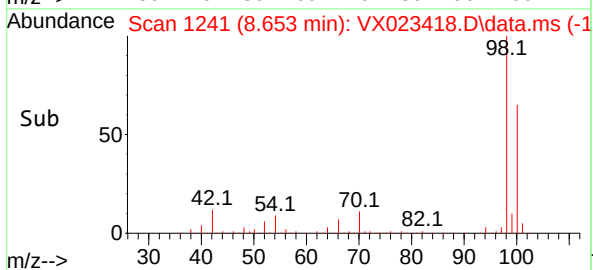
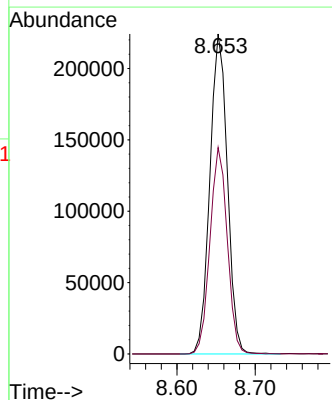
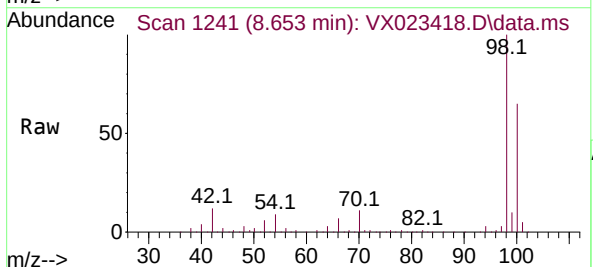


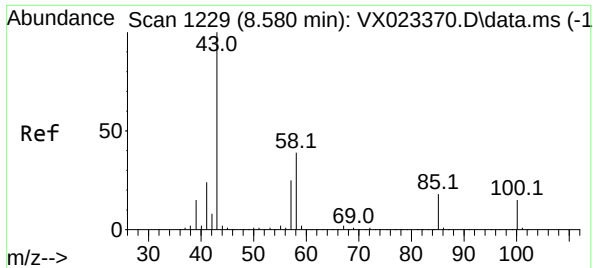
Tgt Ion:117 Resp: 16809
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.187 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023418.D
Acq: 23 Jul 2021 12:16

Tgt Ion: 98 Resp: 348168
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9

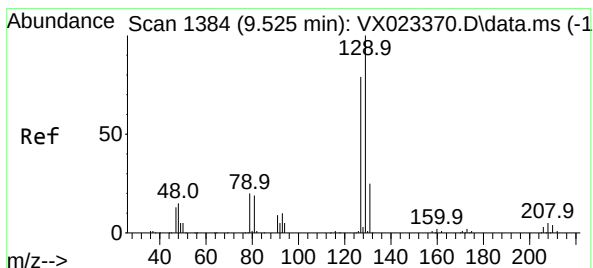
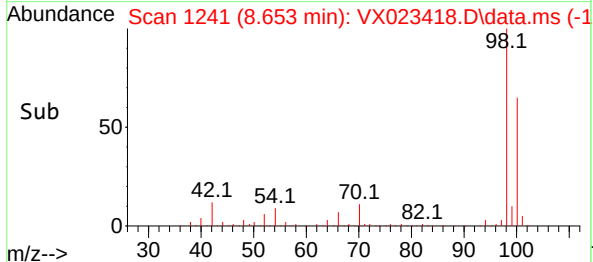
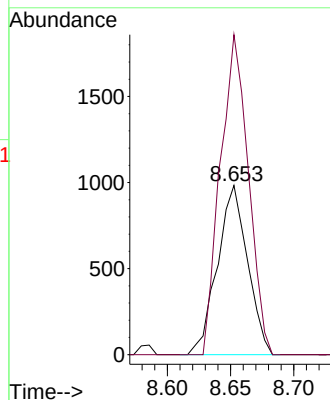
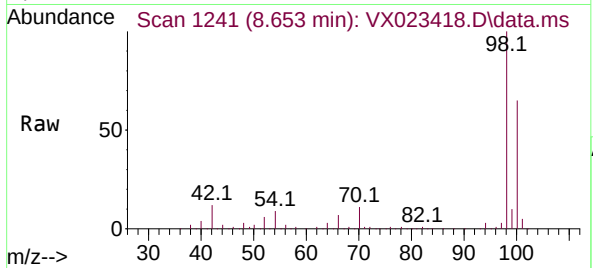




#51
4-Methyl-2-Pentanone
Concen: 0.520 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023418.D
Acq: 23 Jul 2021 12:16

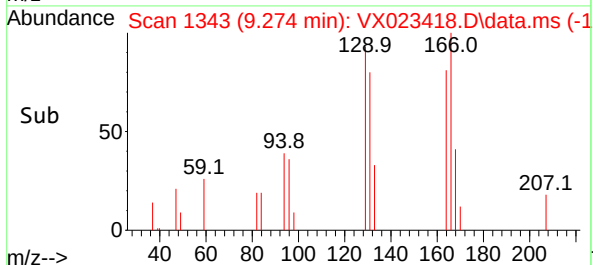
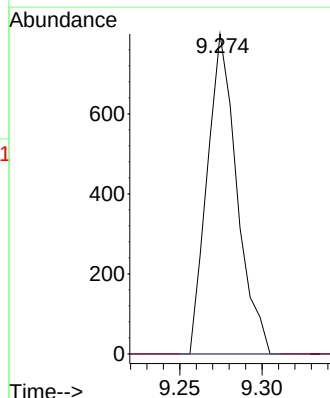
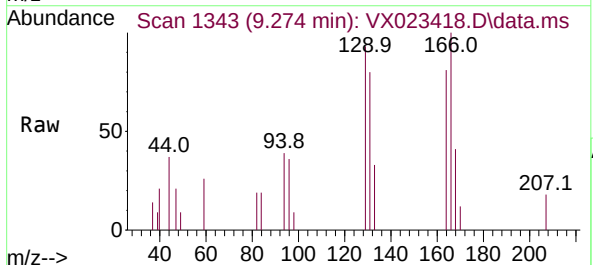
Instrument :
MSVOA_X
ClientSampled :

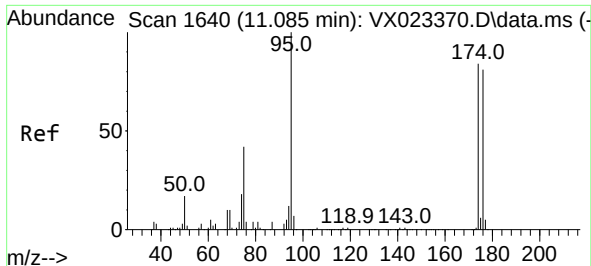
Tgt Ion: 43 Resp: 1632
Ion Ratio Lower Upper
43 100
58 175.9 35.4 53.0#



#60
Dibromochloromethane
Concen: 2.430 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.251 min
Lab File: VX023418.D
Acq: 23 Jul 2021 12:16

Tgt Ion: 129 Resp: 1007
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

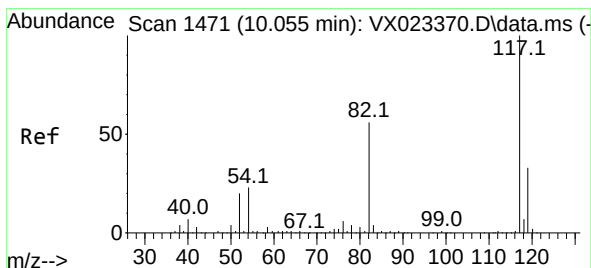
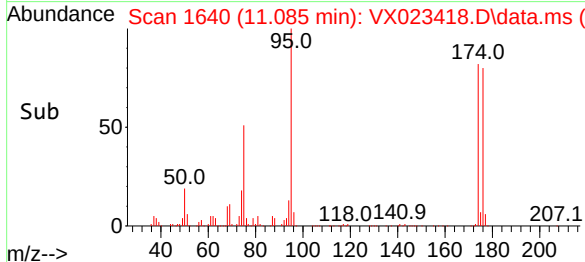
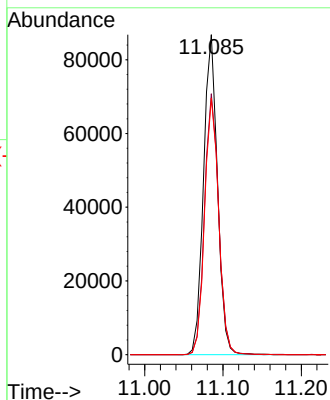
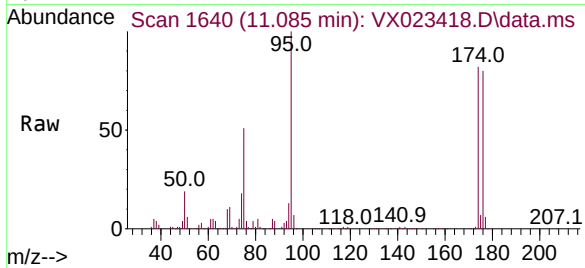




#62
4-Bromofluorobenzene
Concen: 47.284 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023418.D
Acq: 23 Jul 2021 12:16

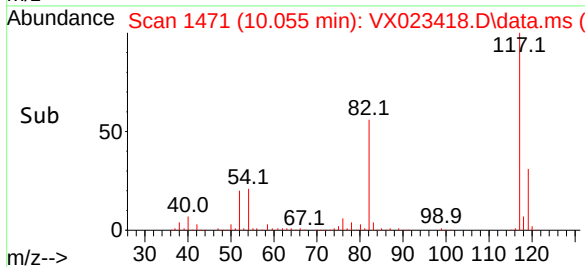
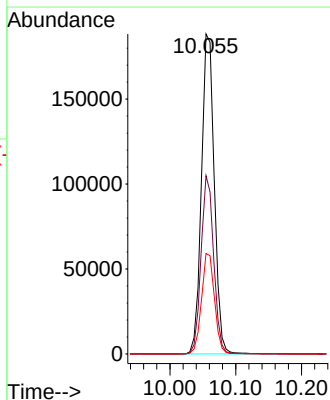
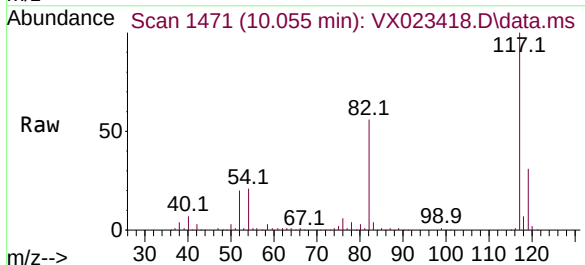
Instrument :
MSVOA_X
ClientSampleId :

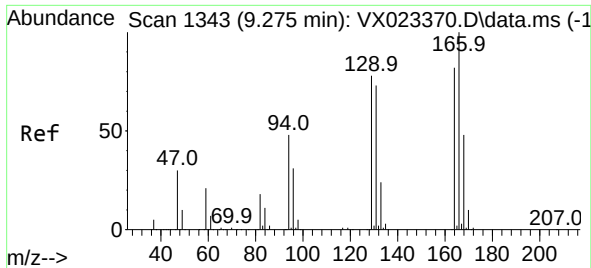
Tgt Ion: 95 Resp: 107268
Ion Ratio Lower Upper
95 100
174 82.4 0.0 154.6
176 80.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023418.D
Acq: 23 Jul 2021 12:16

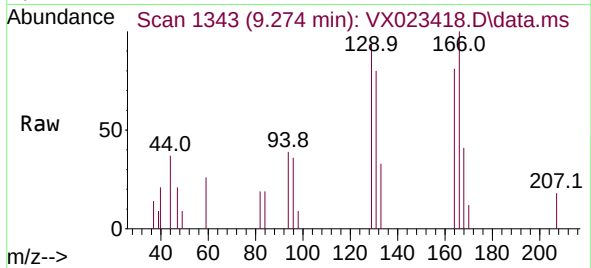
Tgt Ion: 117 Resp: 255704
Ion Ratio Lower Upper
117 100
82 55.7 47.4 71.2
119 31.4 26.6 39.8



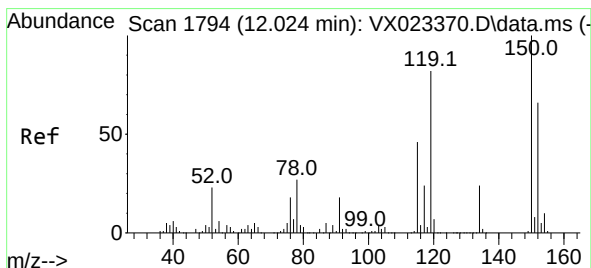
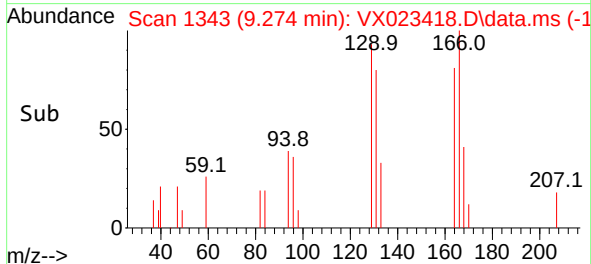
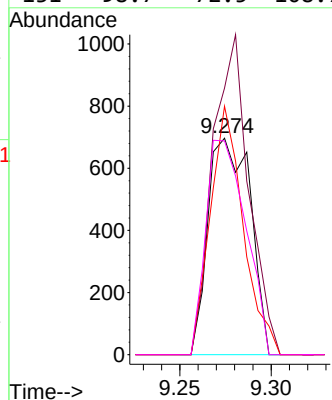


#64
Tetrachloroethene
Concen: 0.550 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.001 min
Lab File: VX023418.D
Acq: 23 Jul 2021 12:16

Instrument :
MSVOA_X
ClientSampled :

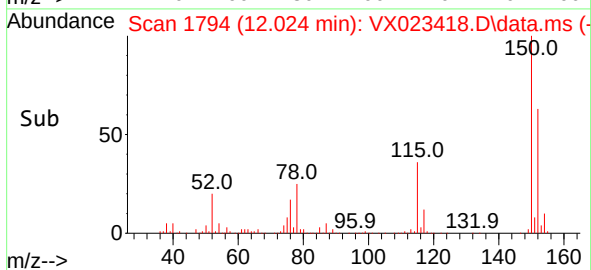
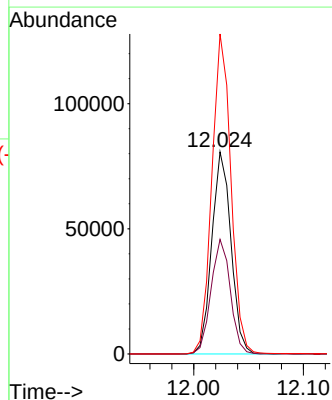
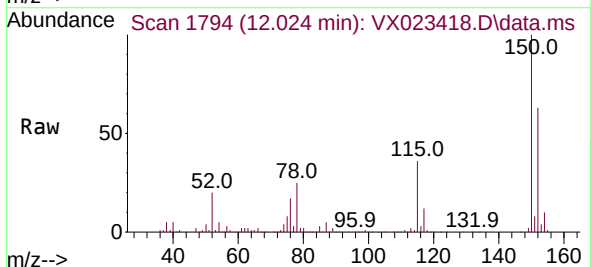


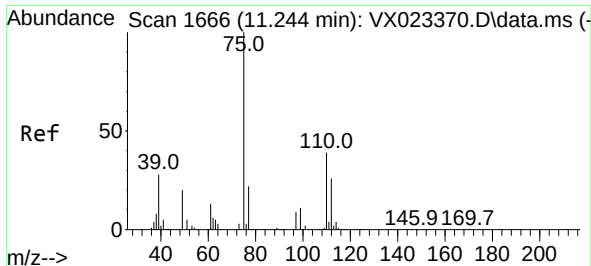
Tgt Ion:164 Resp: 1119
Ion Ratio Lower Upper
164 100
166 123.1 103.4 155.2
129 114.8 70.8 106.2#
131 98.7 72.5 108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX023418.D
Acq: 23 Jul 2021 12:16

Tgt Ion:152 Resp: 98242
Ion Ratio Lower Upper
152 100
115 56.9 41.1 123.3
150 157.7 0.0 349.0

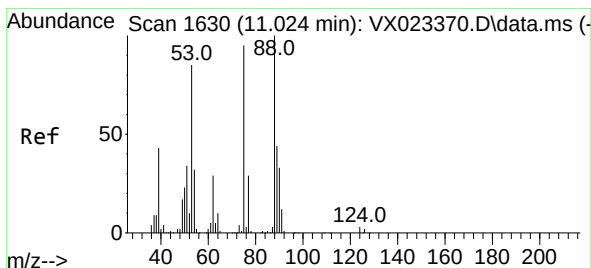
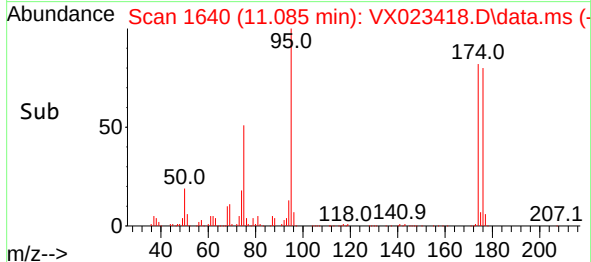
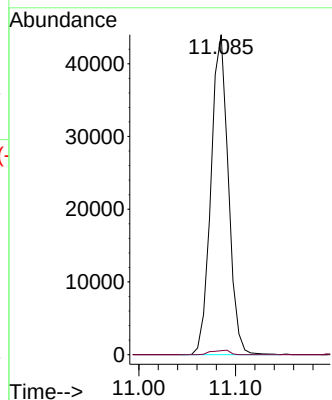
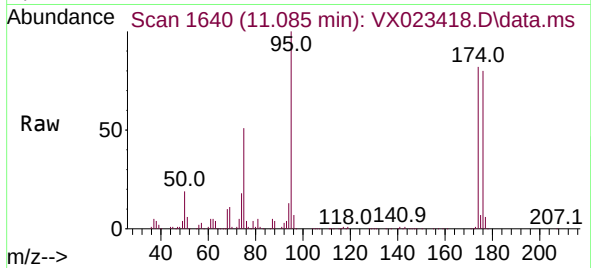




#76
1,2,3-Trichloropropane
Concen: 25.439 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023418.D
Acq: 23 Jul 2021 12:16

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 54996
Ion Ratio Lower Upper
75 100
77 1.5 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.402 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023418.D
Acq: 23 Jul 2021 12:16

Tgt Ion: 75 Resp: 54996
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

