

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072321\
 Data File : VX023422.D
 Acq On : 23 Jul 2021 14:37
 Operator : JC/MD
 Sample : M3114-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 24 03:44:48 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)

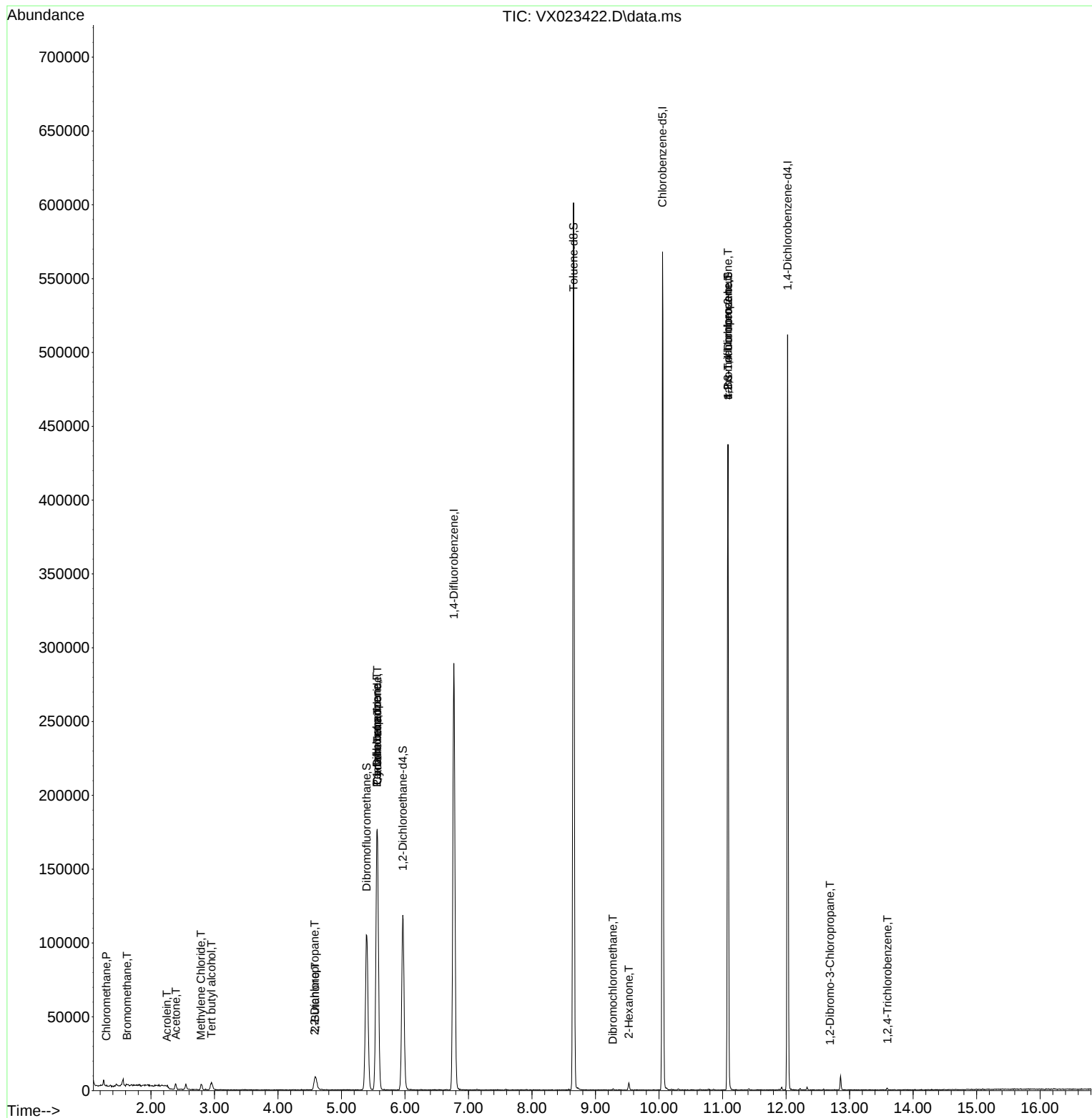
Internal Standards						
1) Pentafluorobenzene	5.556	168	171664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	292040	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	257779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	111746	52.185	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.360%		
35) Dibromofluoromethane	5.397	113	91090	49.886	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.780%		
50) Toluene-d8	8.653	98	347845	51.850	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 103.700%		
62) 4-Bromofluorobenzene	11.085	95	110270	48.338	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 96.680%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	478	0.260	ug/l	89
5) Bromomethane	1.624	94	384	0.347	ug/l	91
11) Tert butyl alcohol	2.953	59	3126	6.390	ug/l #	73
13) Acrolein	2.251	56	48	1.556	ug/l #	14
16) Acetone	2.392	43	3822	3.639	ug/l	93
20) Methylene Chloride	2.788	84	1723	0.843	ug/l #	92
25) 2-Butanone	4.586	43	1109	0.680	ug/l #	79
26) 2,2-Dichloropropane	4.574	77	685	0.252	ug/l #	52
31) Cyclohexane	5.562	56	3998	1.260	ug/l #	2
36) 1,1-Dichloropropene	5.556	75	12929	4.894	ug/l #	49
38) Carbon Tetrachloride	5.562	117	16689	6.212	ug/l #	18
59) 2-Hexanone	9.525	43	669	0.279	ug/l #	32
60) Dibromochloromethane	9.275	129	94	2.025	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	55497	24.549	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	55497	66.008	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	12.695	75	22	2.153	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.597	180	462	0.220	ug/l	89

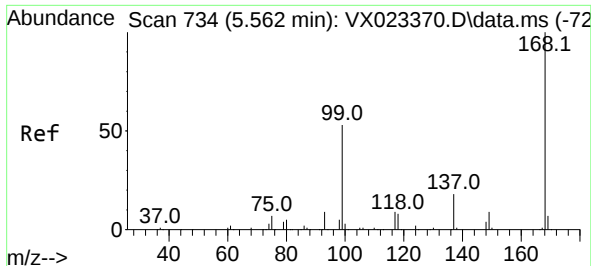
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:05:38 2021
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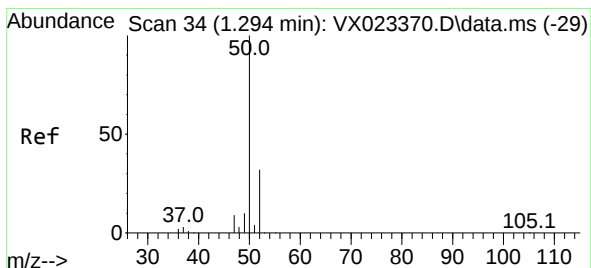
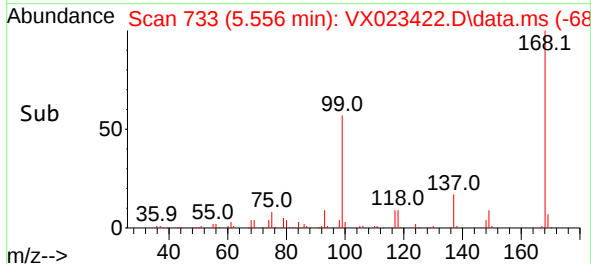
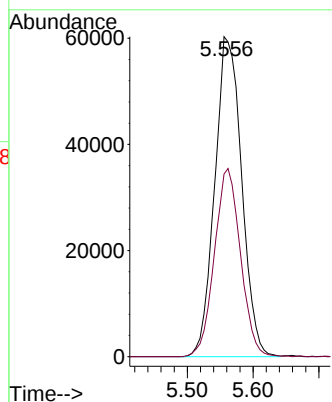
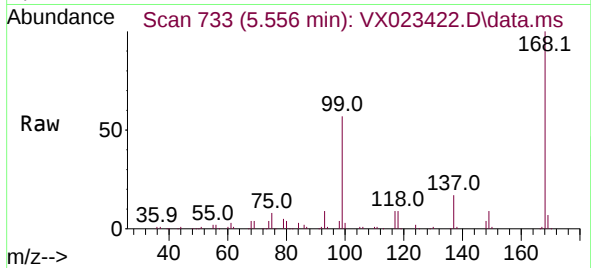




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX023422.D
Acq: 23 Jul 2021 14:37

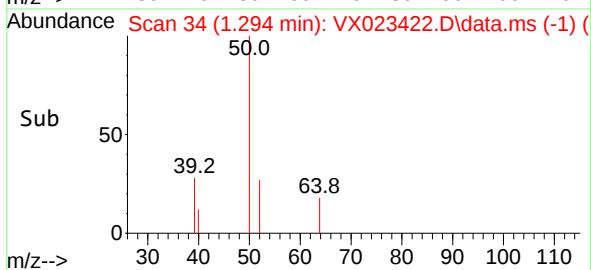
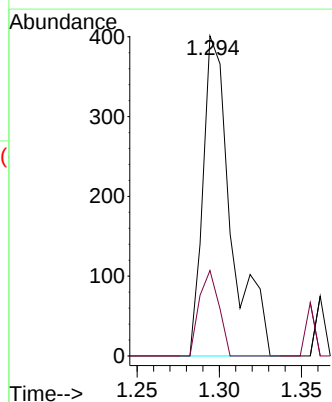
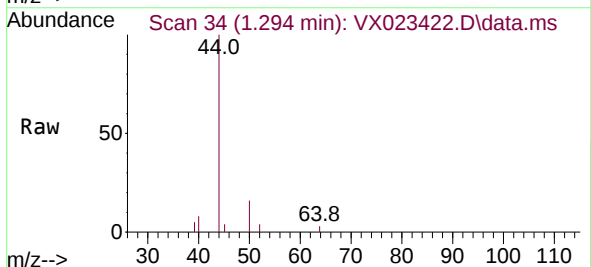
Instrument :
MSVOA_X
ClientSampleId :

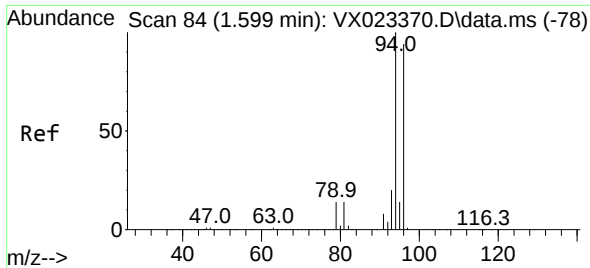
Tgt Ion:168 Resp: 171664
Ion Ratio Lower Upper
168 100
99 57.1 45.8 68.6



#3
Chloromethane
Concen: 0.260 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023422.D
Acq: 23 Jul 2021 14:37

Tgt Ion: 50 Resp: 478
Ion Ratio Lower Upper
50 100
52 26.7 26.4 39.6

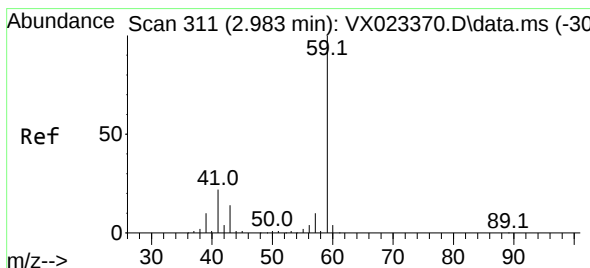
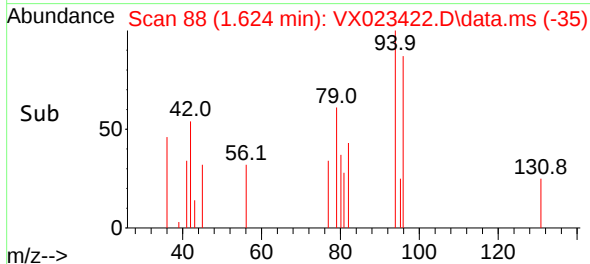
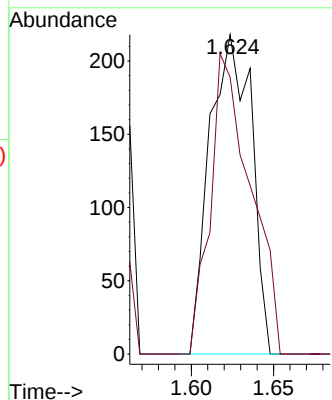
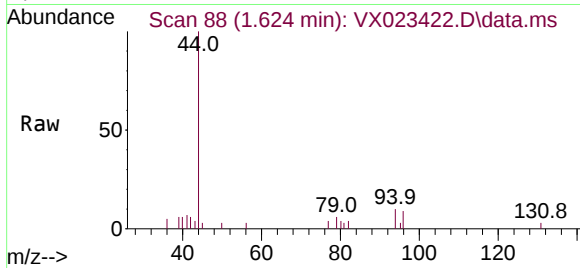




#5
Bromomethane
Concen: 0.347 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX023422.D
Acq: 23 Jul 2021 14:37

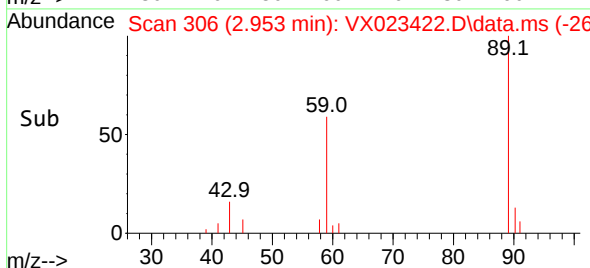
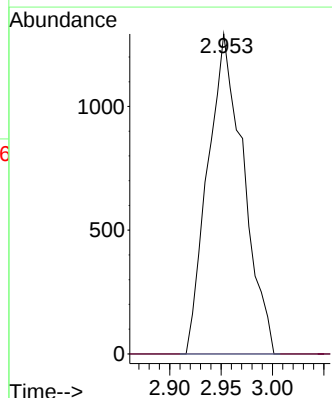
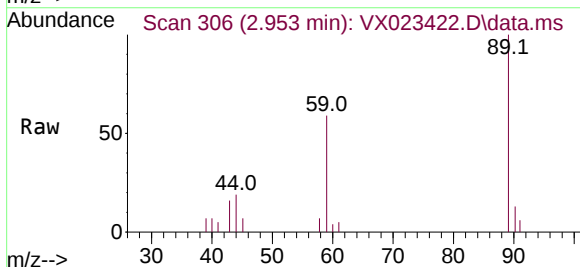
Instrument :
MSVOA_X
ClientSampleId :

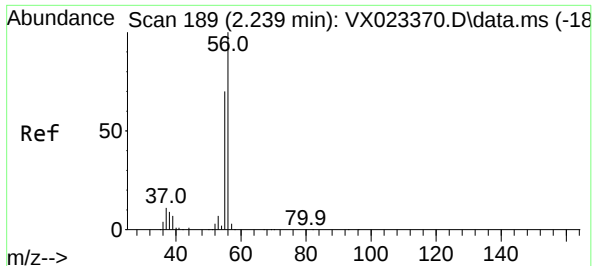
Tgt Ion: 94 Resp: 384
Ion Ratio Lower Upper
94 100
96 86.7 76.4 114.6



#11
Tert butyl alcohol
Concen: 6.390 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023422.D
Acq: 23 Jul 2021 14:37

Tgt Ion: 59 Resp: 3126
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

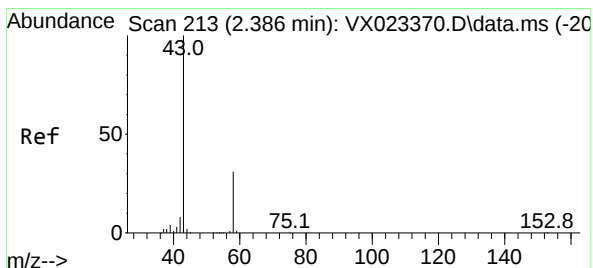
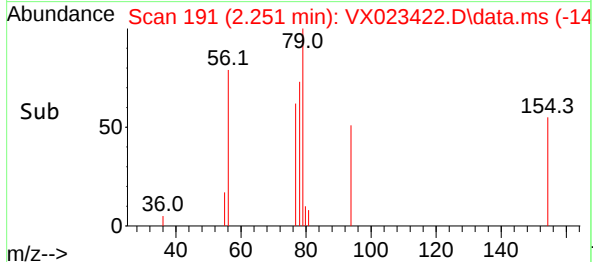
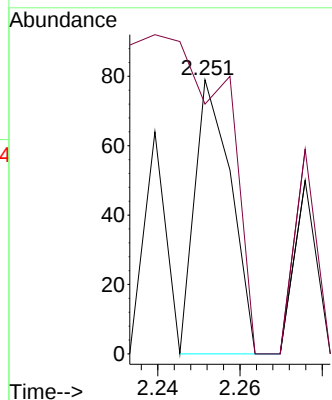
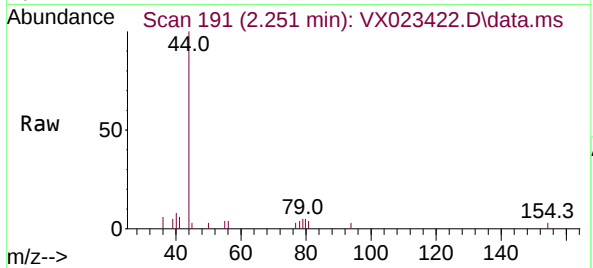




#13
Acrolein
Concen: 1.556 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.012 min
Lab File: VX023422.D
Acq: 23 Jul 2021 14:37

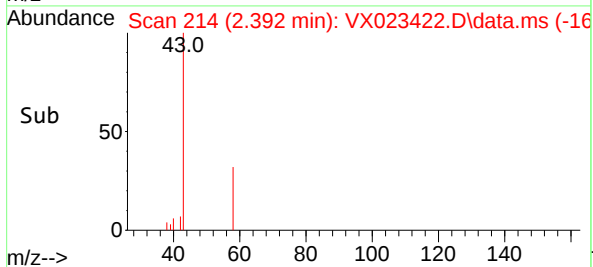
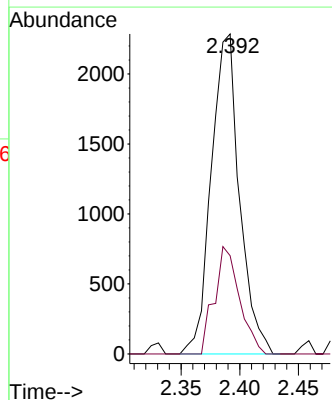
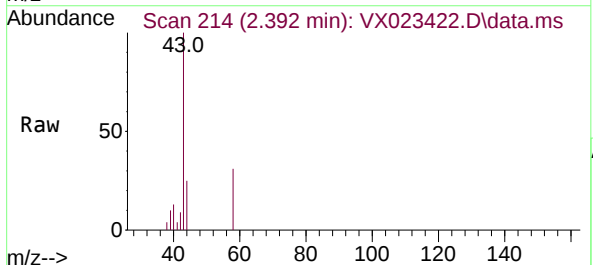
Instrument :
MSVOA_X
ClientSampleId :

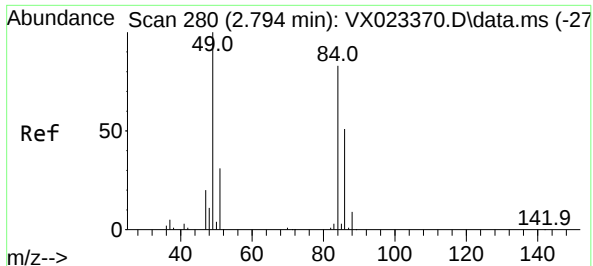
Tgt Ion: 56 Resp: 48
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 3.639 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX023422.D
Acq: 23 Jul 2021 14:37

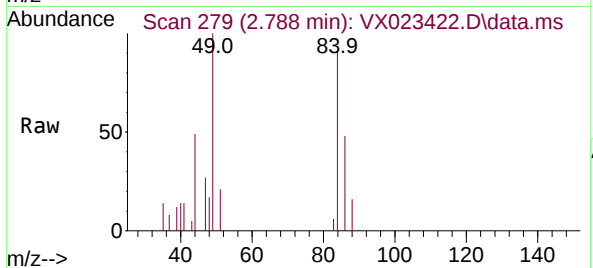
Tgt Ion: 43 Resp: 3822
Ion Ratio Lower Upper
43 100
58 30.7 27.8 41.8



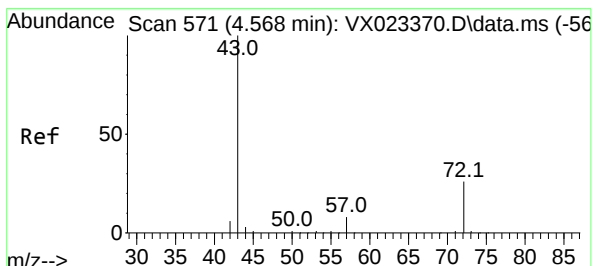
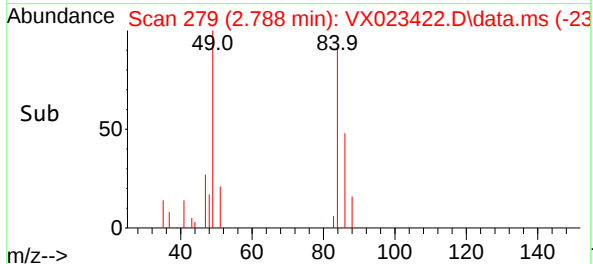
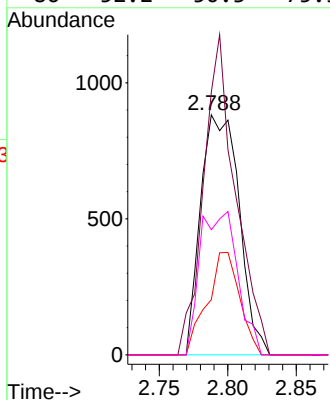


#20
Methylene Chloride
Concen: 0.843 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX023422.D
Acq: 23 Jul 2021 14:37

Instrument :
MSVOA_X
ClientSampleId :

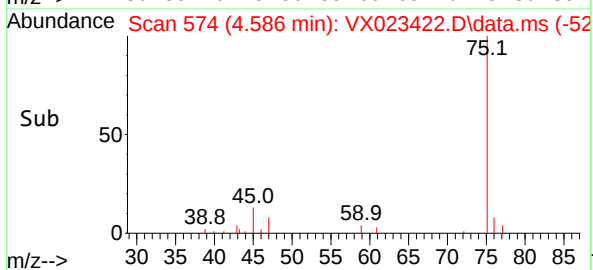
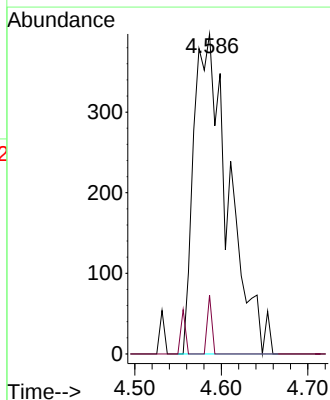
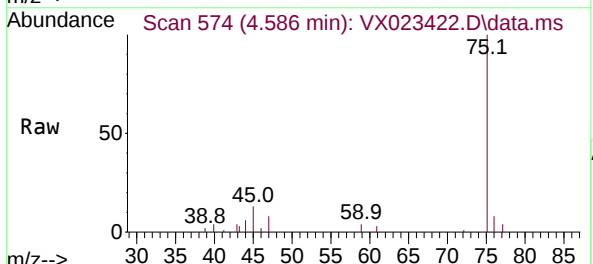


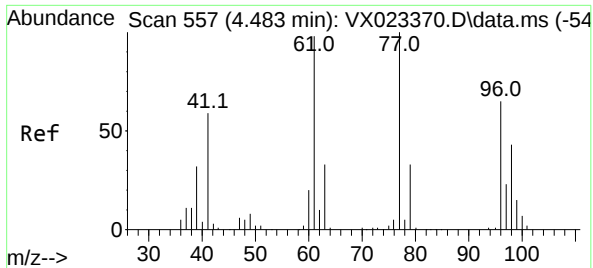
Tgt Ion:	84	Resp:	1723
Ion	Ratio	Lower	Upper
84	100		
49	109.5	88.6	132.8
51	23.0	27.0	40.6#
86	52.2	50.3	75.5



#25
2-Butanone
Concen: 0.680 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX023422.D
Acq: 23 Jul 2021 14:37

Tgt Ion:	43	Resp:	1109
Ion	Ratio	Lower	Upper
43	100		
72	18.4	23.7	35.5#

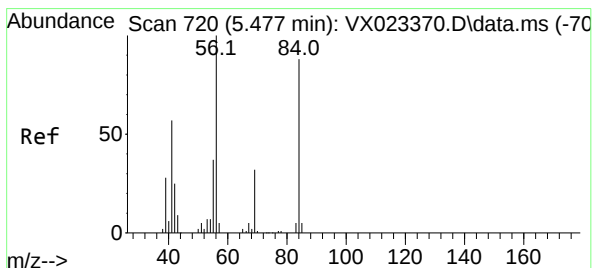
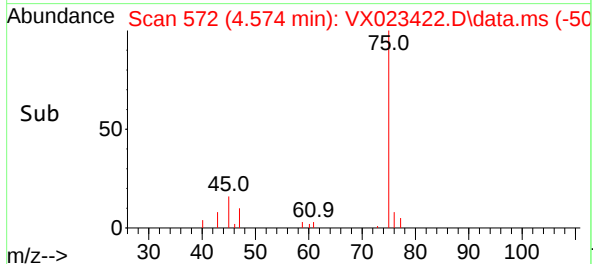
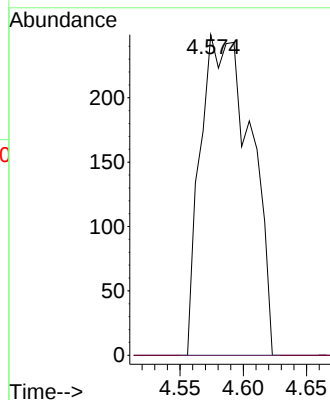
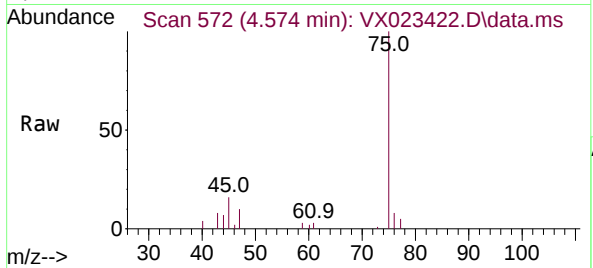




#26
2,2-Dichloropropane
Concen: 0.252 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.091 min
Lab File: VX023422.D
Acq: 23 Jul 2021 14:37

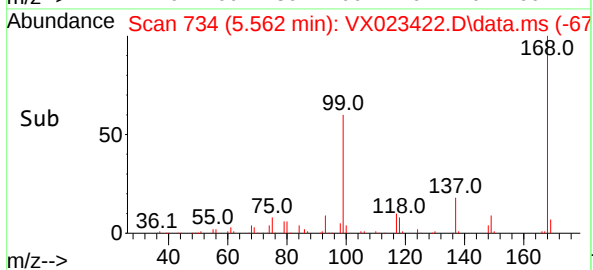
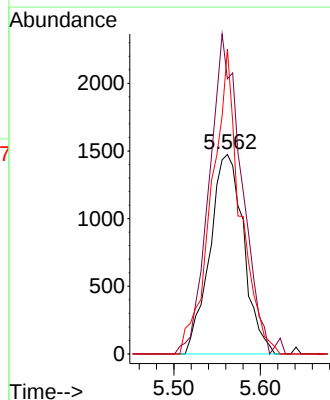
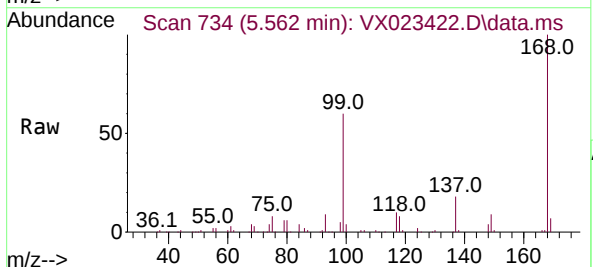
Instrument :
MSVOA_X
ClientSampled :

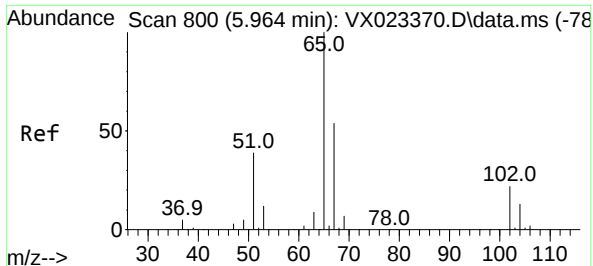
Tgt Ion: 77 Resp: 685
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.1#



#31
Cyclohexane
Concen: 1.260 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023422.D
Acq: 23 Jul 2021 14:37

Tgt Ion: 56 Resp: 3998
Ion Ratio Lower Upper
56 100
69 134.0 25.3 37.9#
84 152.7 71.4 107.0#



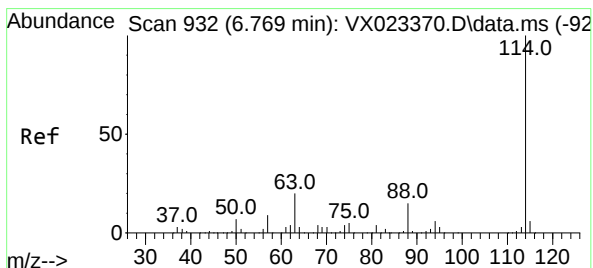
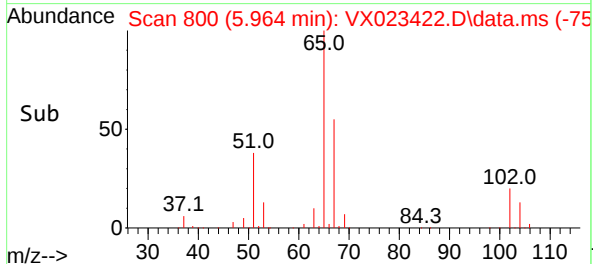
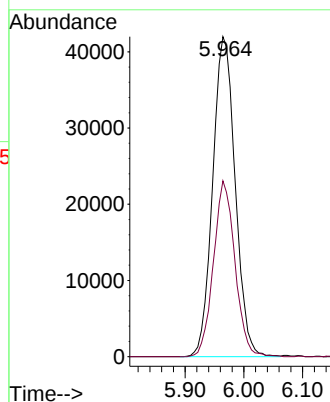
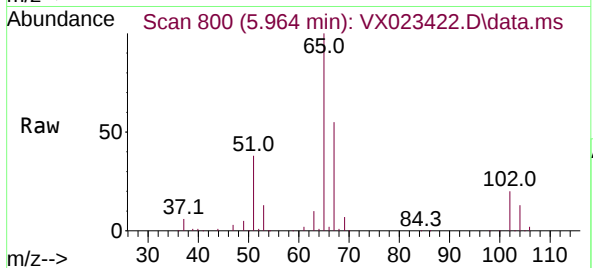


#33

1,2-Dichloroethane-d4
Concen: 52.185 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023422.D
Acq: 23 Jul 2021 14:37

Instrument :
MSVOA_X
ClientSampleId :

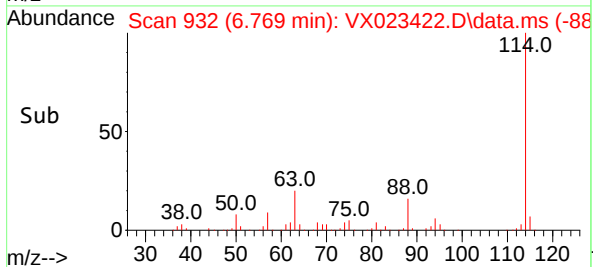
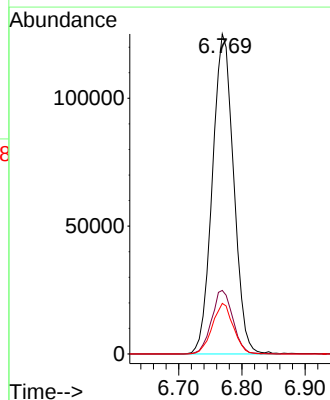
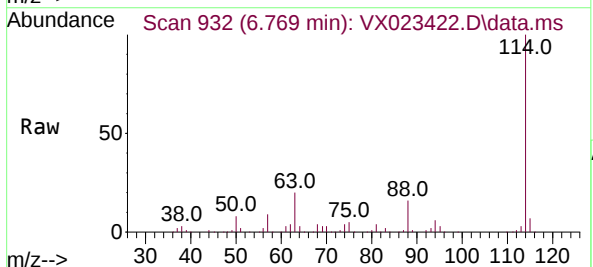
Tgt Ion: 65 Resp: 111746
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.4

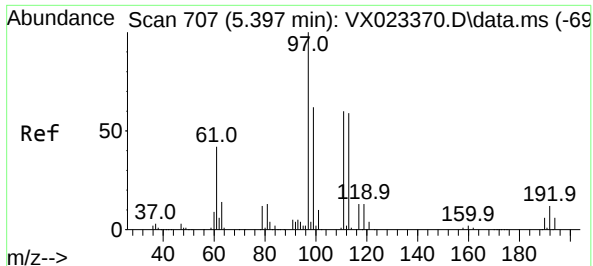


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023422.D
Acq: 23 Jul 2021 14:37

Tgt Ion: 114 Resp: 292040
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.8
88 15.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.886 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023422.D

Acq: 23 Jul 2021 14:37

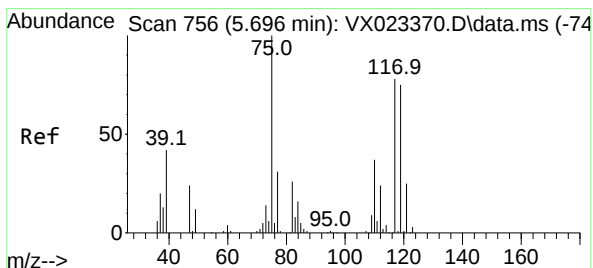
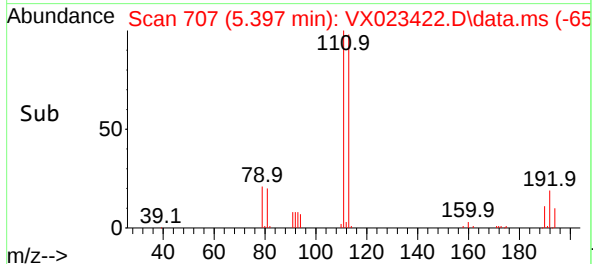
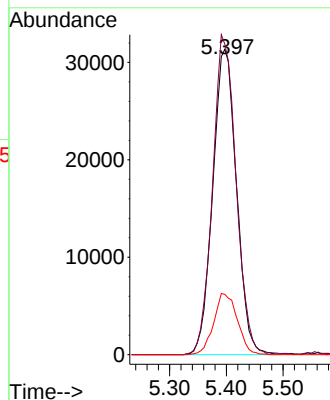
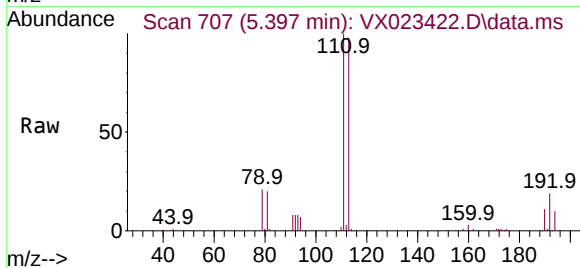
Tgt Ion:113 Resp: 91090

Ion Ratio Lower Upper

113 100

111 103.6 81.9 122.9

192 20.0 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.894 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX023422.D

Acq: 23 Jul 2021 14:37

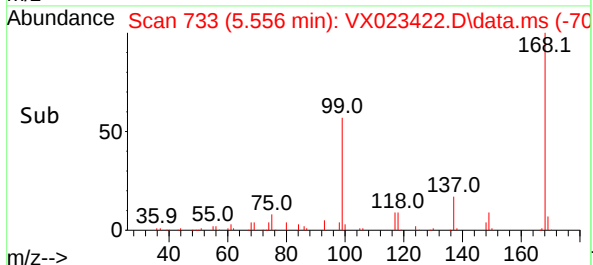
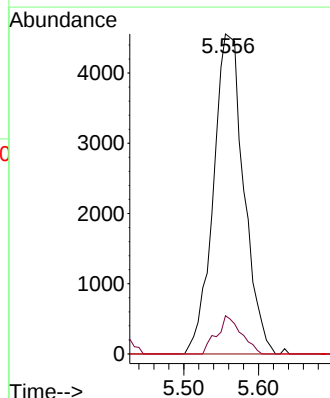
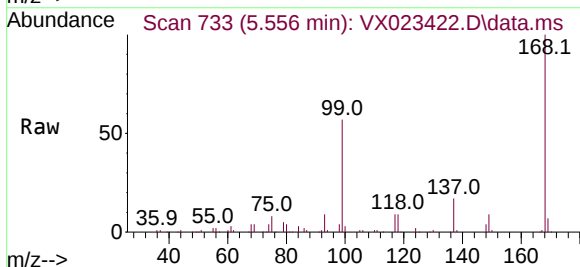
Tgt Ion: 75 Resp: 12929

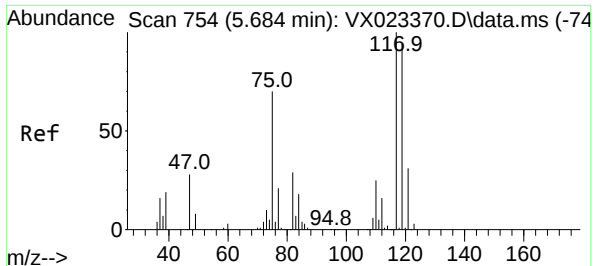
Ion Ratio Lower Upper

75 100

110 9.5 18.1 54.4#

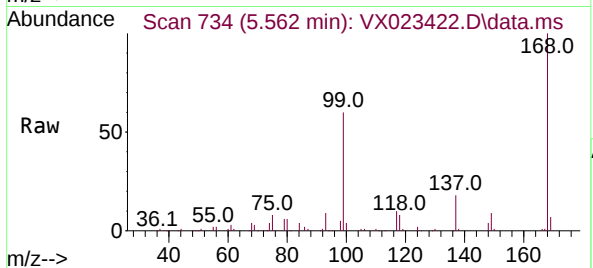
77 0.0 25.3 37.9#



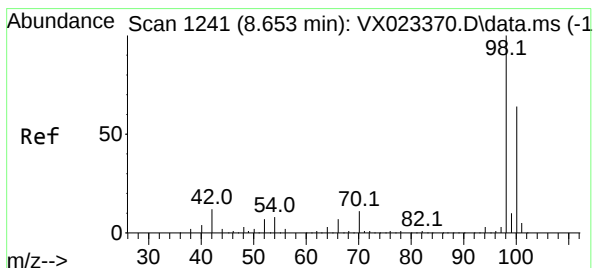
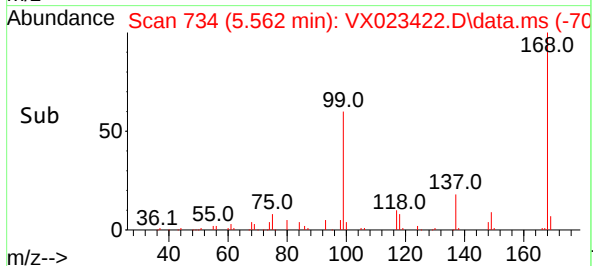
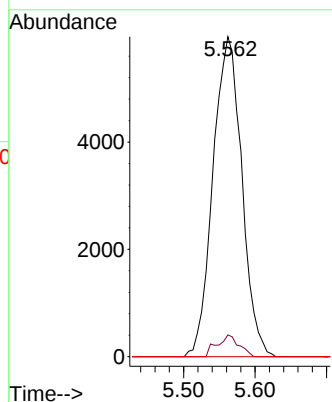


#38
Carbon Tetrachloride
Concen: 6.212 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023422.D
Acq: 23 Jul 2021 14:37

Instrument :
MSVOA_X
ClientSampleId :

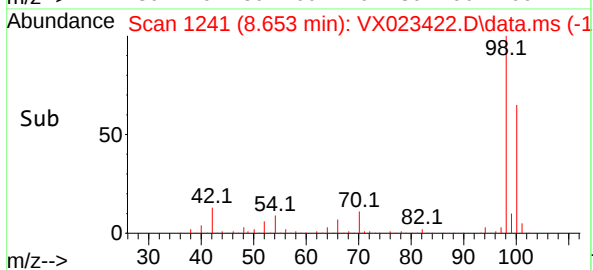
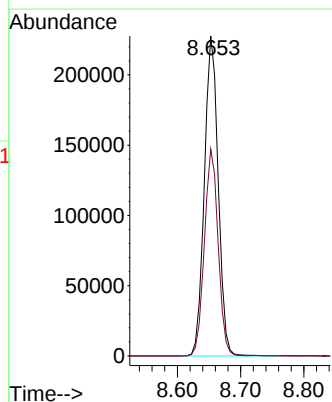
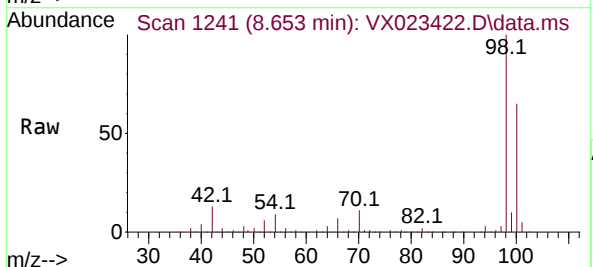


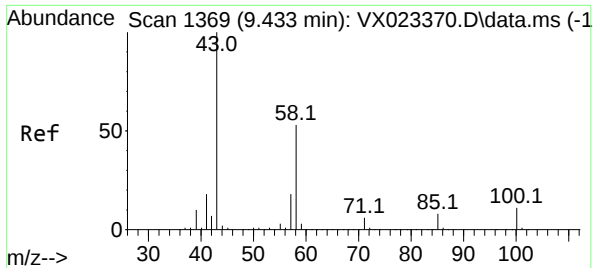
Tgt Ion:117 Resp: 16689
Ion Ratio Lower Upper
117 100
119 6.8 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.850 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023422.D
Acq: 23 Jul 2021 14:37

Tgt Ion: 98 Resp: 347845
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9

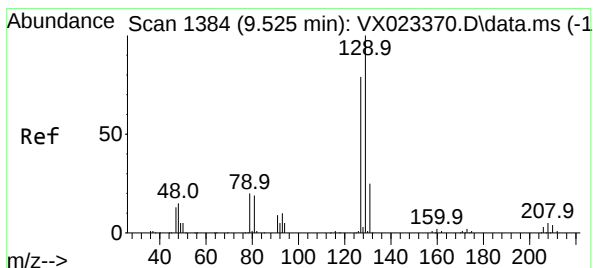
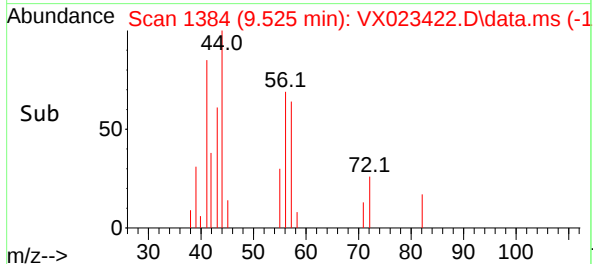
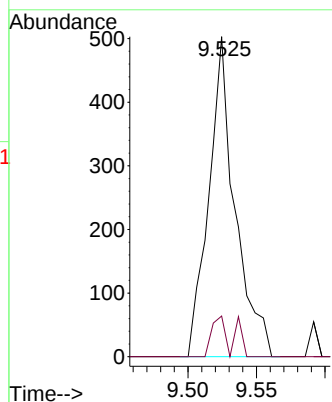
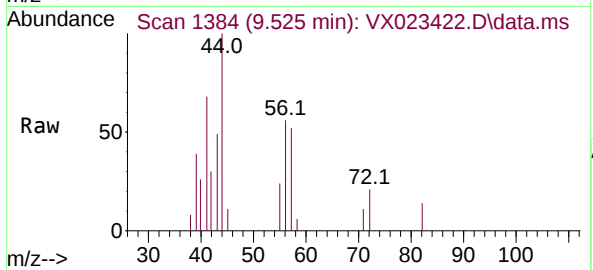




#59
2-Hexanone
Concen: 0.279 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.092 min
Lab File: VX023422.D
Acq: 23 Jul 2021 14:37

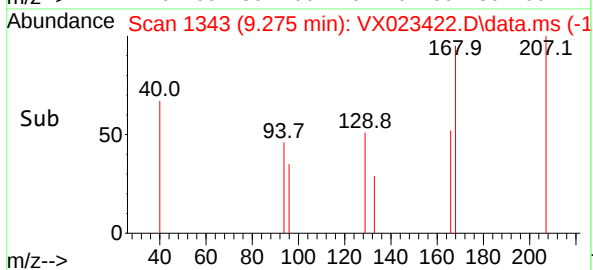
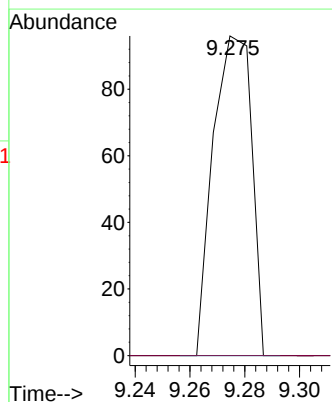
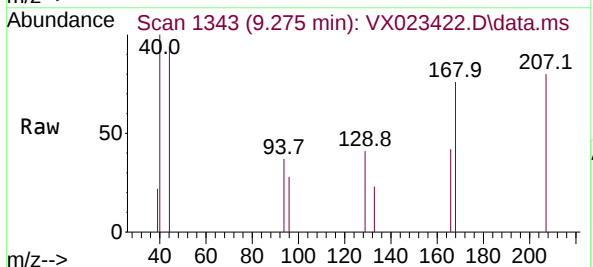
Instrument :
MSVOA_X
ClientSampled :

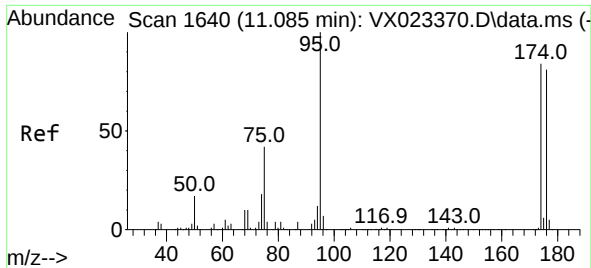
Tgt Ion: 43 Resp: 669
Ion Ratio Lower Upper
43 100
58 9.9 30.9 92.8#



#60
Dibromochloromethane
Concen: 2.025 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023422.D
Acq: 23 Jul 2021 14:37

Tgt Ion: 129 Resp: 94
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

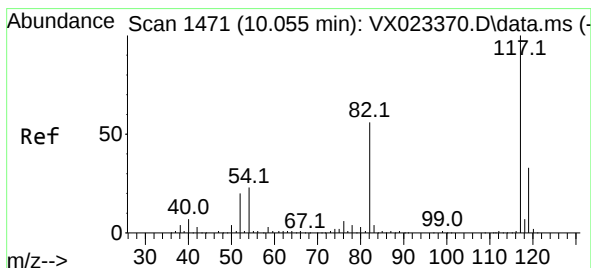
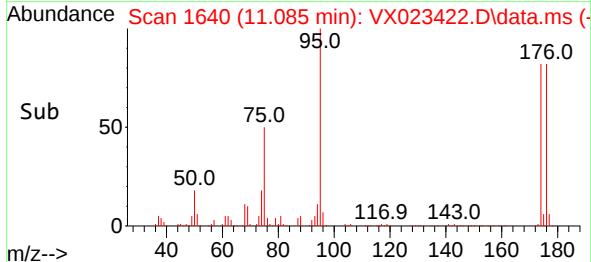
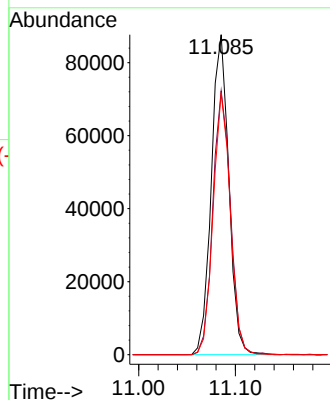
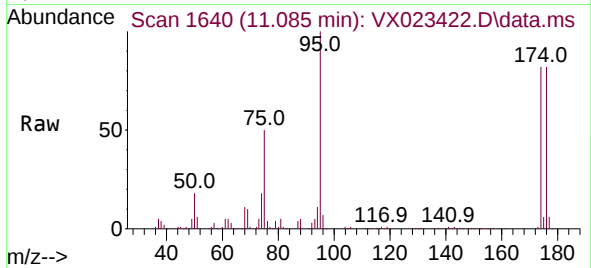




#62
4-Bromofluorobenzene
Concen: 48.338 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023422.D
Acq: 23 Jul 2021 14:37

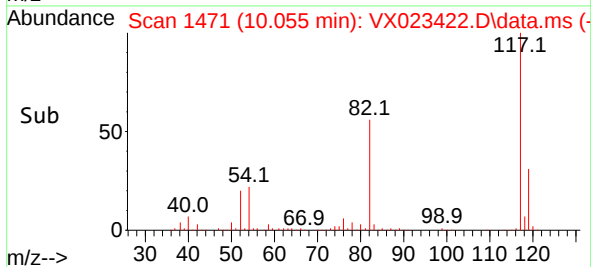
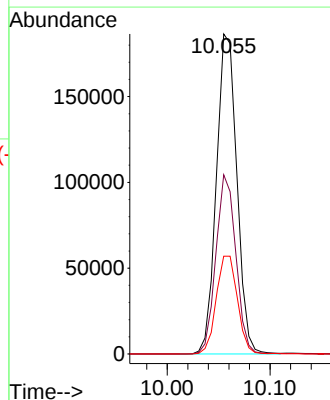
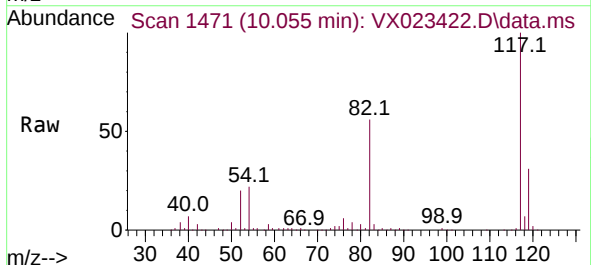
Instrument :
MSVOA_X
ClientSampleId :

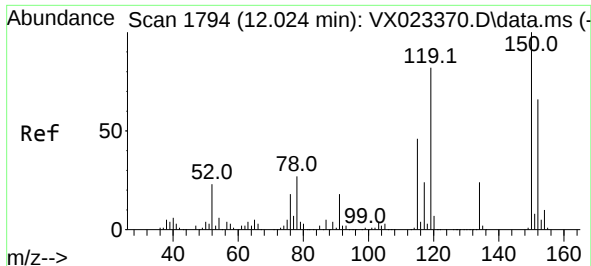
Tgt Ion: 95 Resp: 110270
Ion Ratio Lower Upper
95 100
174 83.2 0.0 154.6
176 80.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023422.D
Acq: 23 Jul 2021 14:37

Tgt Ion: 117 Resp: 257779
Ion Ratio Lower Upper
117 100
82 56.0 47.4 71.2
119 30.5 26.6 39.8

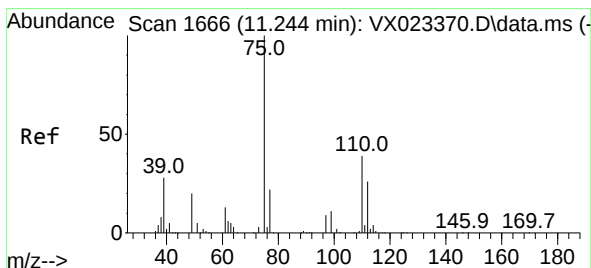
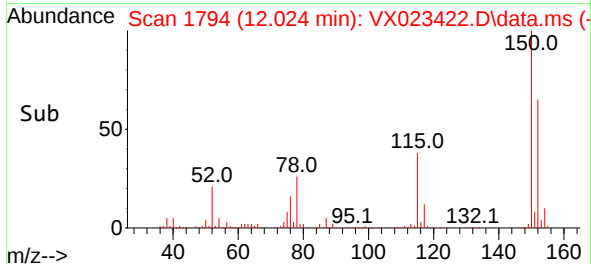
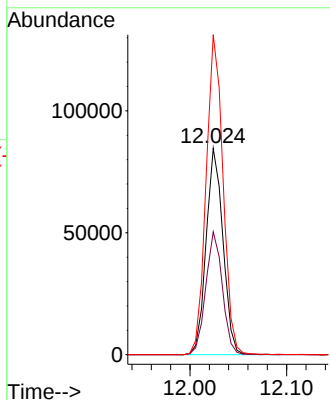
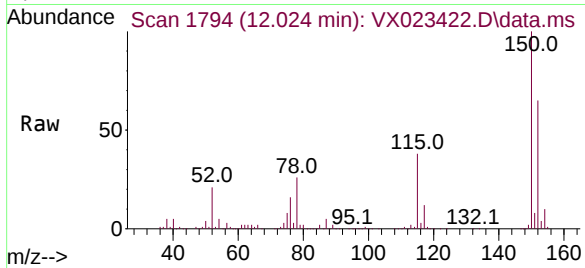




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023422.D
Acq: 23 Jul 2021 14:37

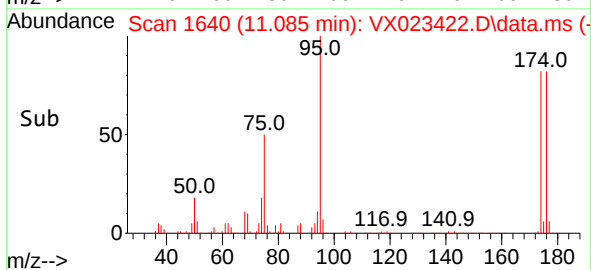
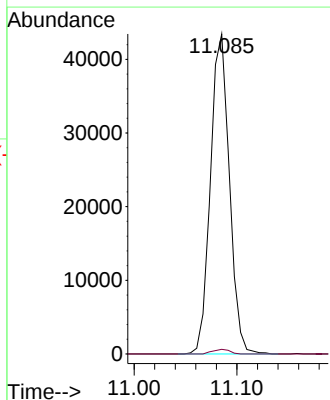
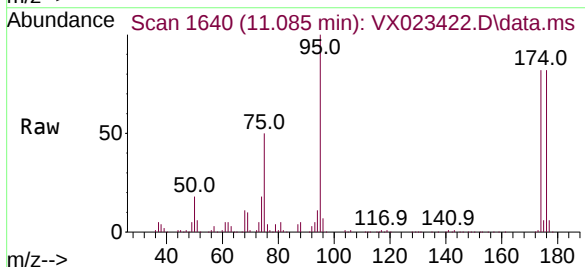
Instrument :
MSVOA_X
ClientSampled :

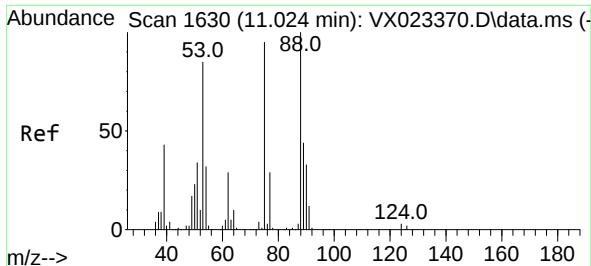
Tgt Ion:152 Resp: 102732
Ion Ratio Lower Upper
152 100
115 58.7 41.1 123.3
150 155.4 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.549 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023422.D
Acq: 23 Jul 2021 14:37

Tgt Ion: 75 Resp: 55497
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#

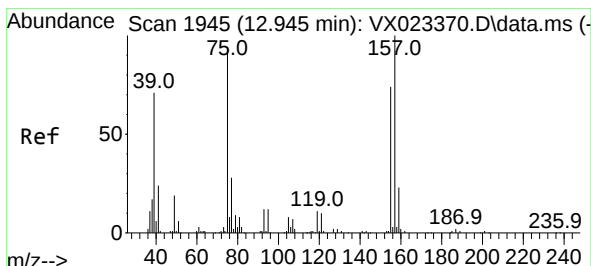
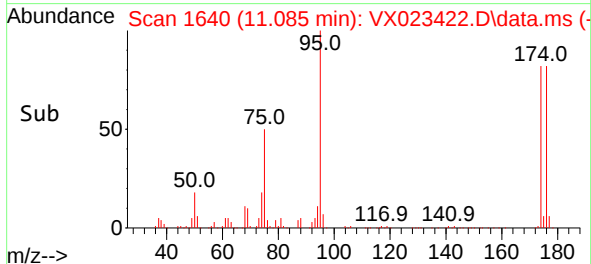
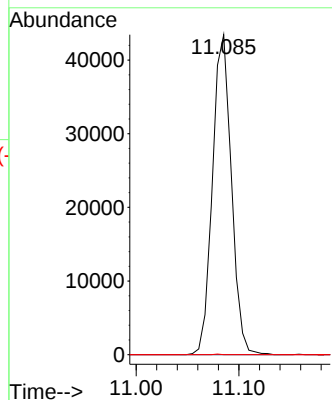
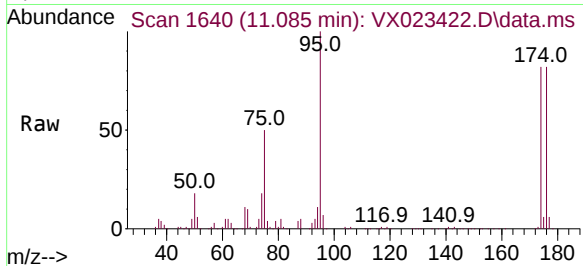




#81
trans-1,4-Dichloro-2-butene
Concen: 66.008 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023422.D
Acq: 23 Jul 2021 14:37

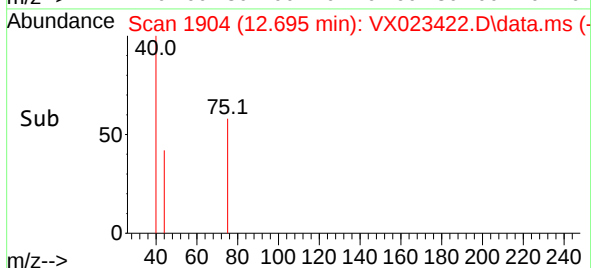
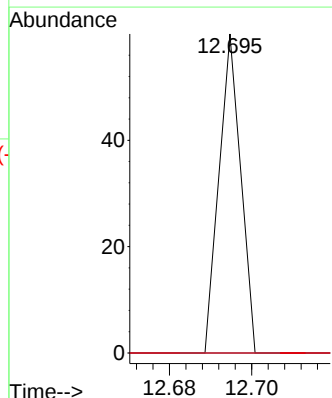
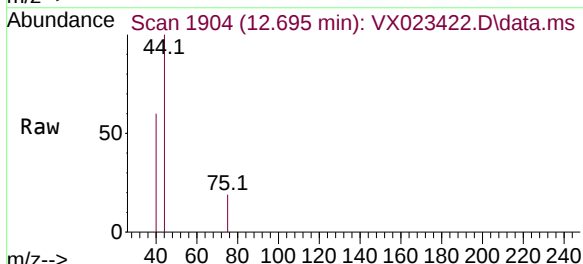
Instrument :
MSVOA_X
ClientSampleId :

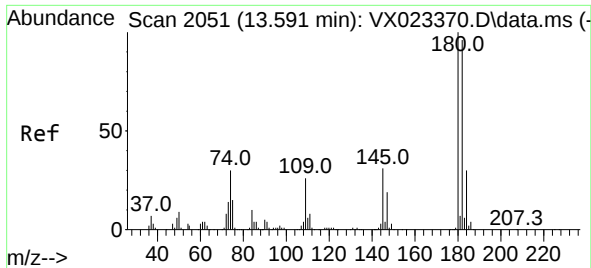
Tgt Ion: 75 Resp: 55497
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.153 ug/l
RT: 12.695 min Scan# 1904
Delta R.T. -0.250 min
Lab File: VX023422.D
Acq: 23 Jul 2021 14:37

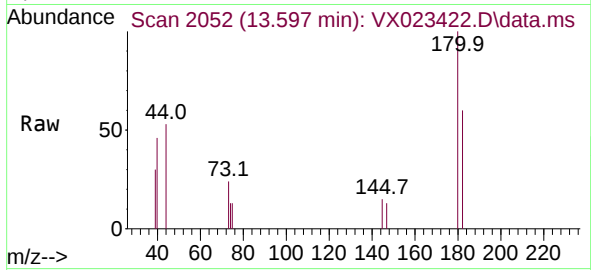
Tgt Ion: 75 Resp: 22
Ion Ratio Lower Upper
75 100
155 0.0 45.3 135.9#
157 0.0 57.7 173.1#





#93
 1,2,4-Trichlorobenzene
 Concen: 0.220 ug/l
 RT: 13.597 min Scan# 2052
 Delta R.T. 0.006 min
 Lab File: VX023422.D
 Acq: 23 Jul 2021 14:37

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:180 Resp: 462

Ion	Ratio	Lower	Upper
180	100		
182	86.1	47.7	143.1
145	20.6	15.0	45.0

