

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072621\
 Data File : VX023460.D
 Acq On : 26 Jul 2021 18:46
 Operator : JC/MD
 Sample : M3146-12 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

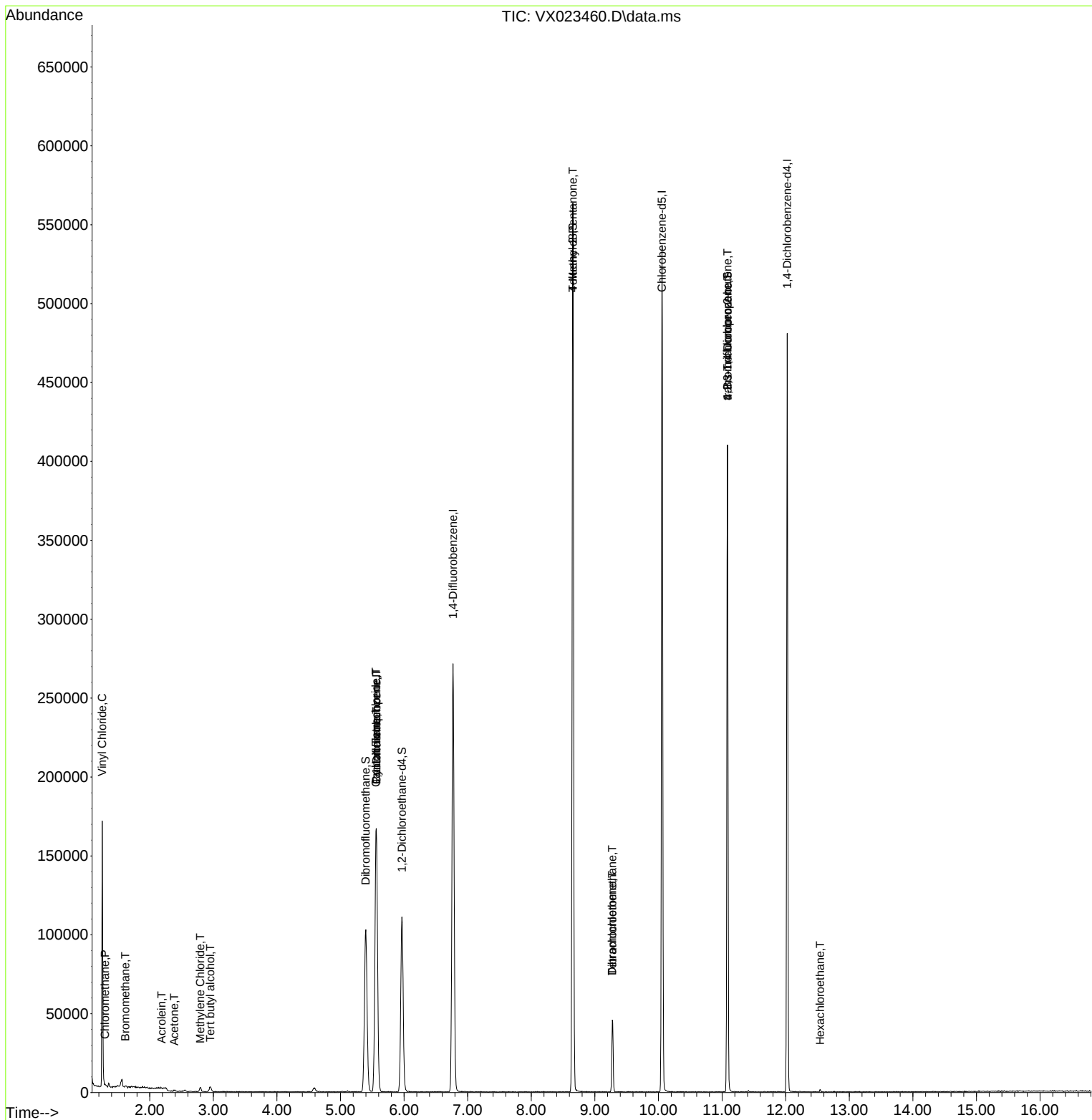
Quant Time: Jul 27 03:29:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

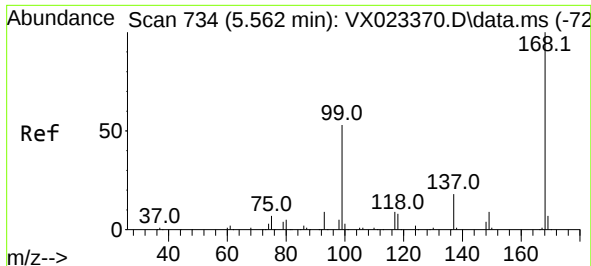
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	161583	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	275203	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	240747	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94587	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	106175	52.68	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.36%			
35) Dibromofluoromethane	5.397	113	88708	51.55	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.10%			
50) Toluene-d8	8.653	98	324846	51.38	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.76%			
62) 4-Bromofluorobenzene	11.085	95	103268	48.04	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.08%			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	387	0.22	ug/l #	86
4) Vinyl Chloride	1.252	62	1267	0.72	ug/l #	81
5) Bromomethane	1.617	94	622	0.60	ug/l	94
11) Tert butyl alcohol	2.953	59	2021	4.39	ug/l #	73
13) Acrolein	2.184	56	52	1.58	ug/l #	1
16) Acetone	2.386	43	1007	1.02	ug/l	96
20) Methylene Chloride	2.794	84	1152	0.60	ug/l #	90
31) Cyclohexane	5.562	56	3403	1.14	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	12080	4.85	ug/l #	49
38) Carbon Tetrachloride	5.556	117	16095	6.36	ug/l #	18
51) 4-Methyl-2-Pentanone	8.653	43	1612	0.54	ug/l #	1
60) Dibromochloromethane	9.275	129	7921	5.69	ug/l #	11
64) Tetrachloroethene	9.275	164	8457	4.41	ug/l	94
76) 1,2,3-Trichloropropane	11.085	75	52180	25.07	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	52180	67.41	ug/l #	12
90) Hexachloroethane	12.542	117	235	2.11	ug/l	69

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

Quant Time: Jul 27 03:29:21 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

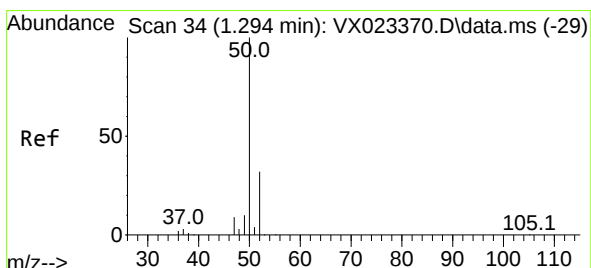
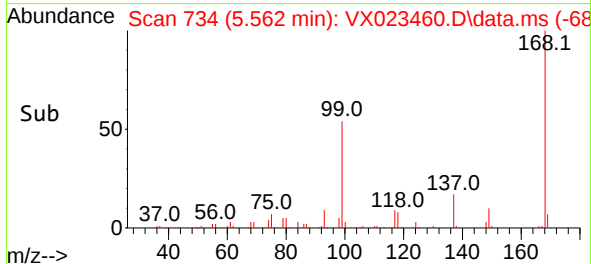
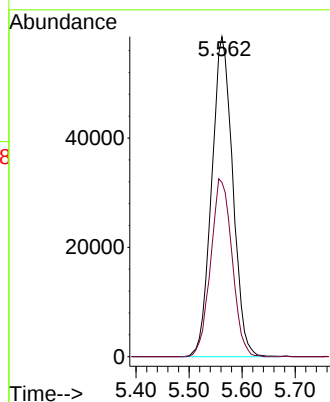
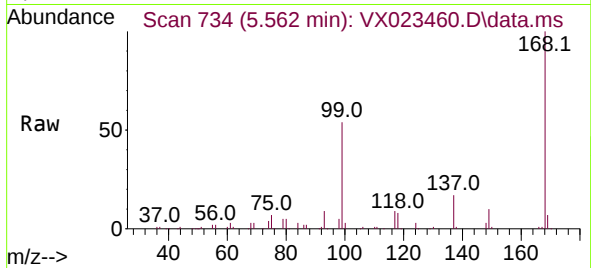




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023460.D
Acq: 26 Jul 2021 18:46

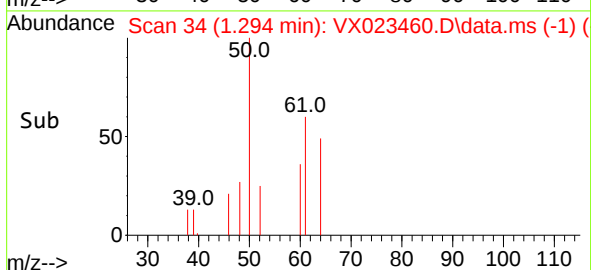
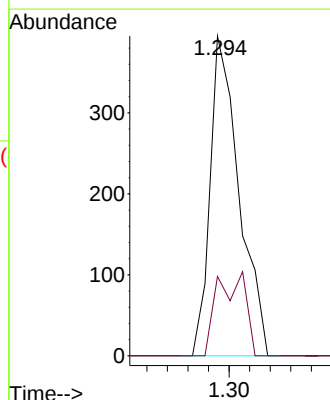
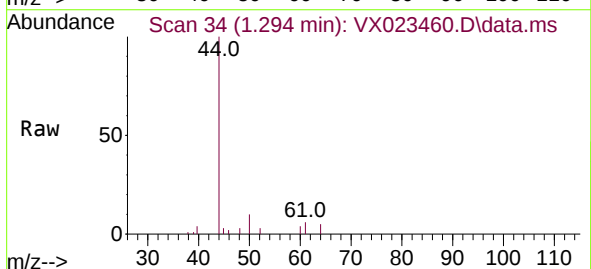
Instrument :
MSVOA_X
ClientSampled :

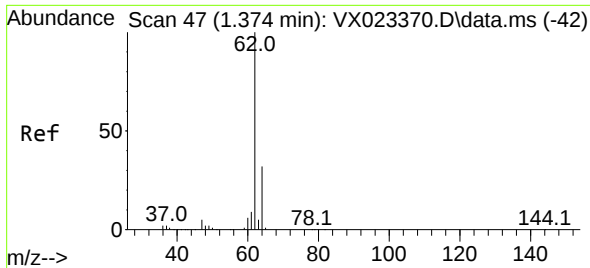
Tgt Ion:168 Resp: 161583
Ion Ratio Lower Upper
168 100
99 54.5 45.8 68.6



#3
Chloromethane
Concen: 0.22 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023460.D
Acq: 26 Jul 2021 18:46

Tgt Ion: 50 Resp: 387
Ion Ratio Lower Upper
50 100
52 24.8 26.4 39.6#

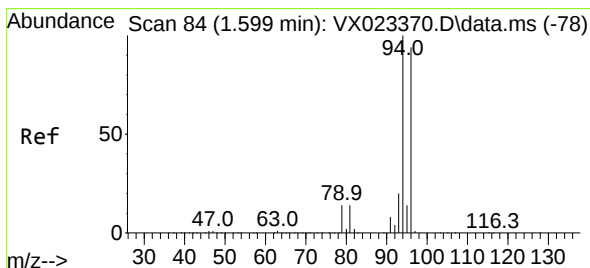
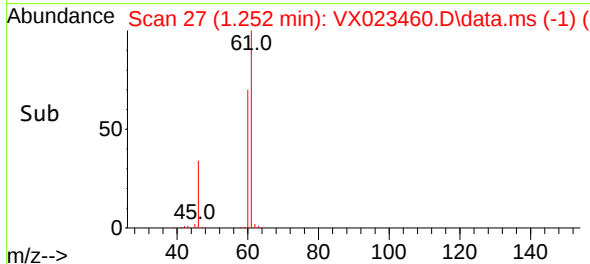
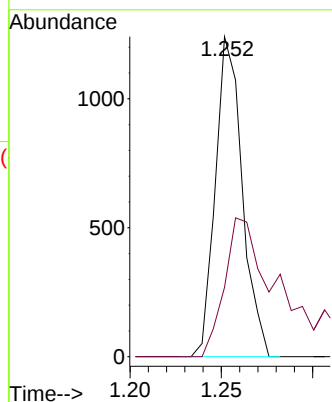
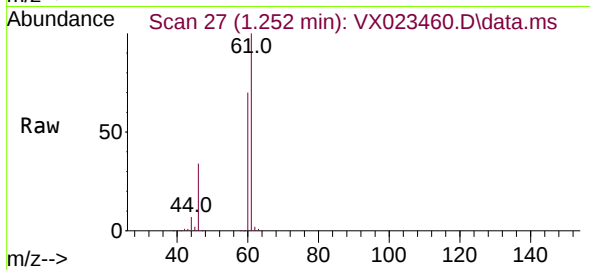




#4
 Vinyl Chloride
 Concen: 0.72 ug/l
 RT: 1.252 min Scan# 27
 Delta R.T. -0.122 min
 Lab File: VX023460.D
 Acq: 26 Jul 2021 18:46

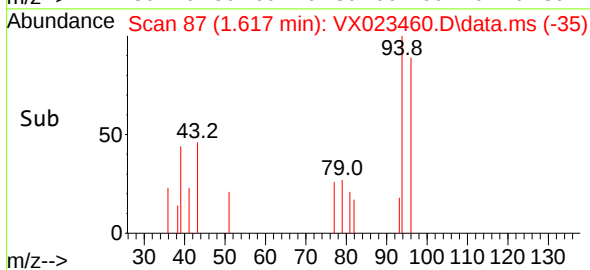
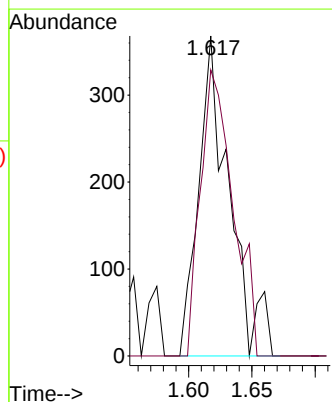
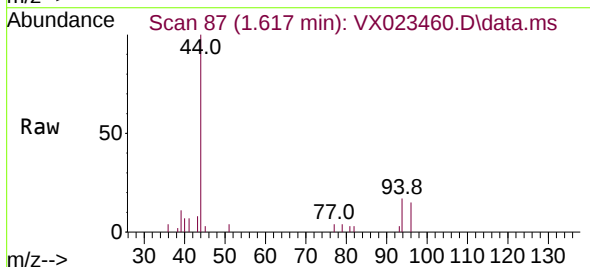
Instrument :
 MSVOA_X
 ClientSampled :

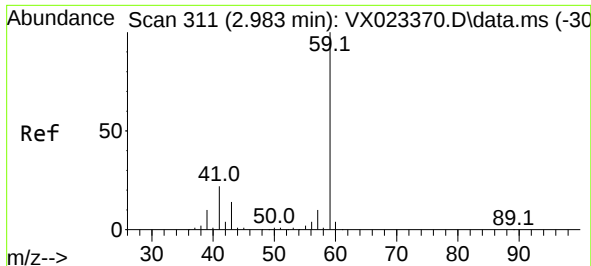
Tgt Ion: 62 Resp: 1267
 Ion Ratio Lower Upper
 62 100
 64 21.7 25.7 38.5#



#5
 Bromomethane
 Concen: 0.60 ug/l
 RT: 1.617 min Scan# 87
 Delta R.T. 0.018 min
 Lab File: VX023460.D
 Acq: 26 Jul 2021 18:46

Tgt Ion: 94 Resp: 622
 Ion Ratio Lower Upper
 94 100
 96 89.4 76.4 114.6



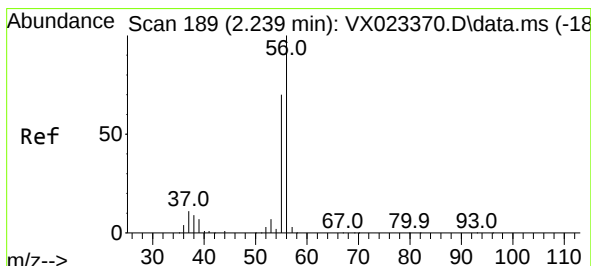
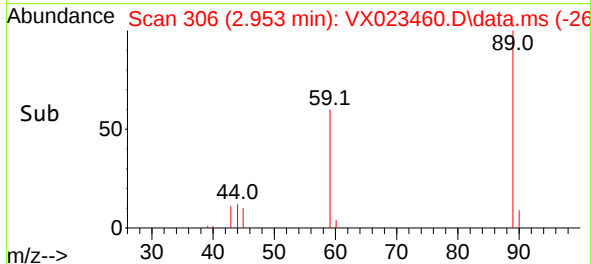
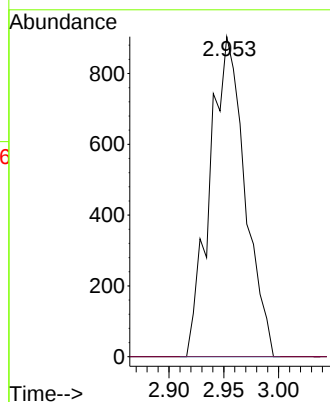
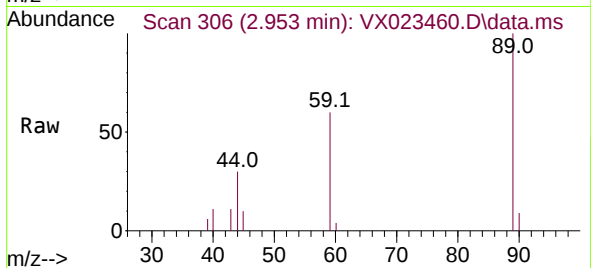


#11

Tert butyl alcohol
Concen: 4.39 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023460.D
Acq: 26 Jul 2021 18:46

Instrument :
MSVOA_X
ClientSampled :

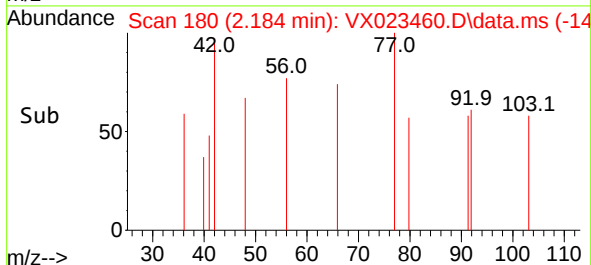
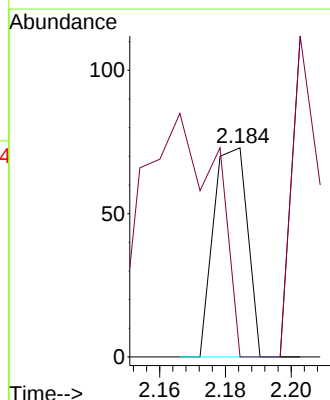
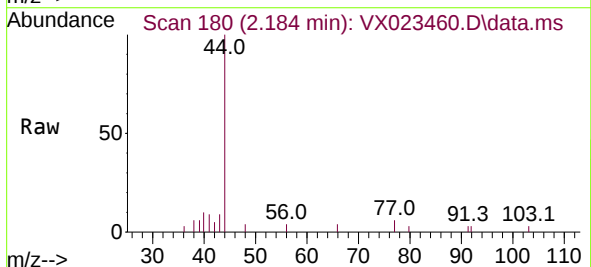
Tgt Ion: 59 Resp: 2021
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

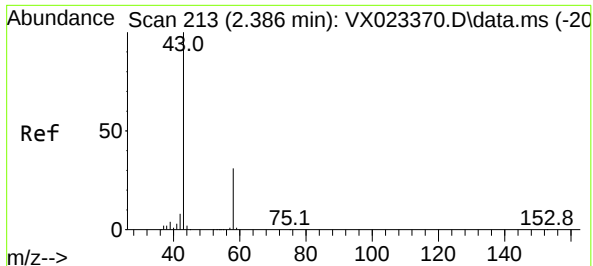


#13

Acrolein
Concen: 1.58 ug/l
RT: 2.184 min Scan# 180
Delta R.T. -0.055 min
Lab File: VX023460.D
Acq: 26 Jul 2021 18:46

Tgt Ion: 56 Resp: 52
Ion Ratio Lower Upper
56 100
55 246.2 56.4 84.6#

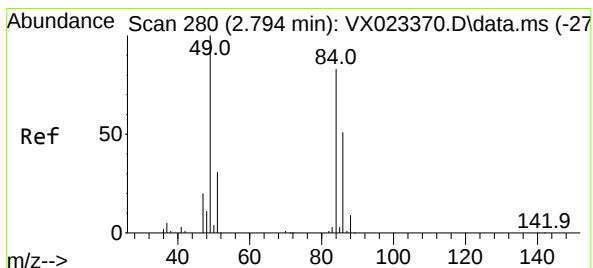
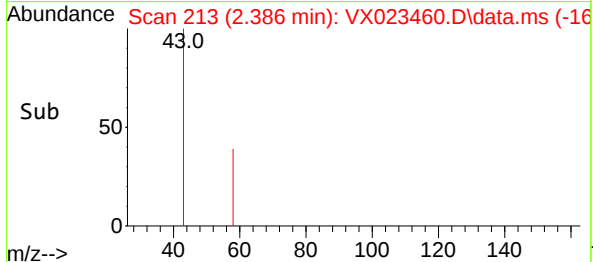
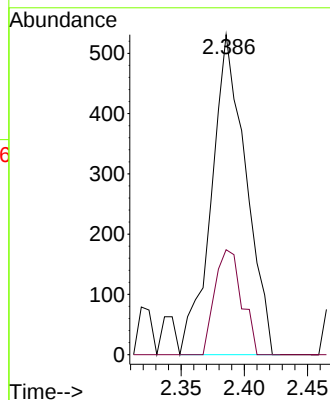
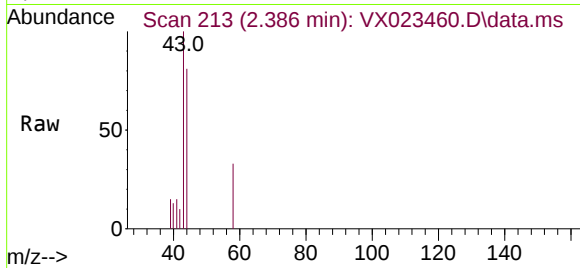




#16
Acetone
Concen: 1.02 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023460.D
Acq: 26 Jul 2021 18:46

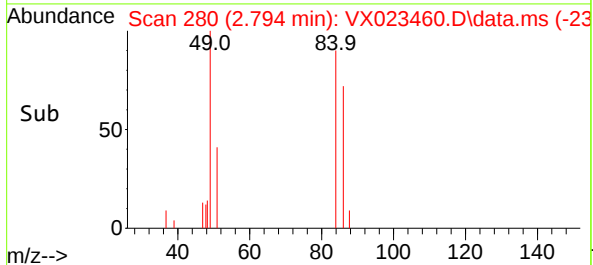
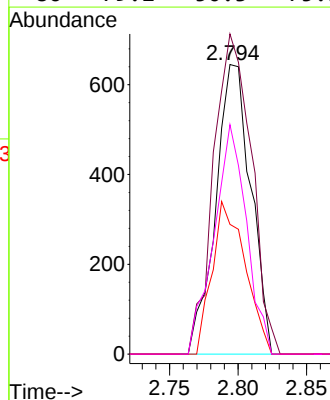
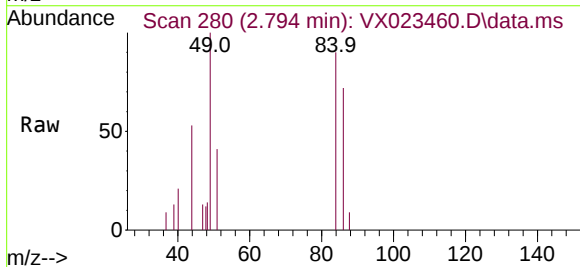
Instrument :
MSVOA_X
ClientSampled :

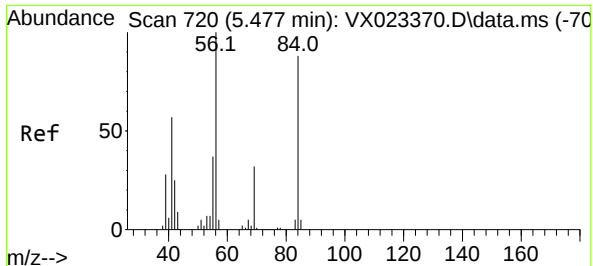
Tgt Ion: 43 Resp: 1007
Ion Ratio Lower Upper
43 100
58 32.8 27.8 41.8



#20
Methylene Chloride
Concen: 0.60 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023460.D
Acq: 26 Jul 2021 18:46

Tgt Ion: 84 Resp: 1152
Ion Ratio Lower Upper
84 100
49 110.5 88.6 132.8
51 44.8 27.0 40.6#
86 79.2 50.3 75.5#

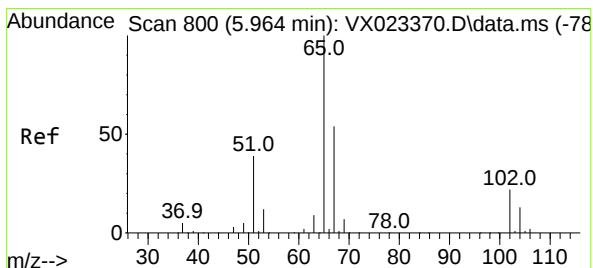
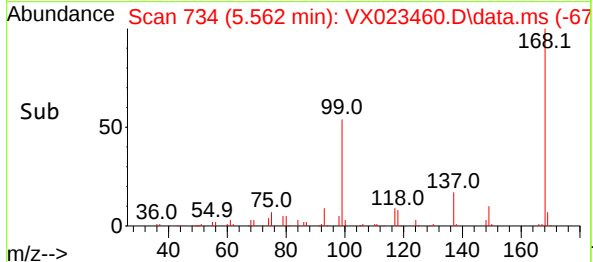
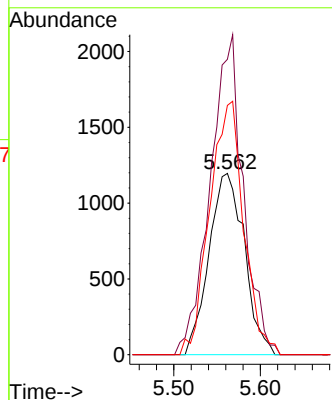
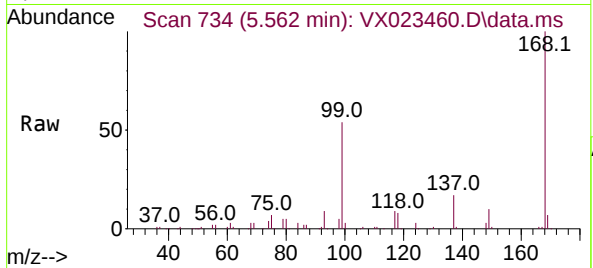




#31
Cyclohexane
Concen: 1.14 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023460.D
Acq: 26 Jul 2021 18:46

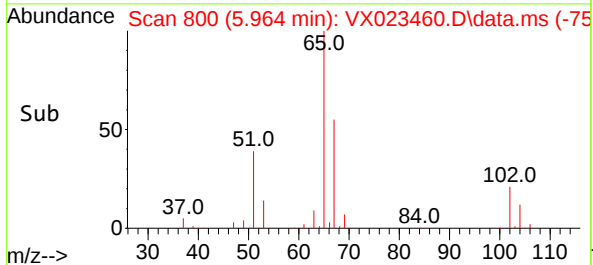
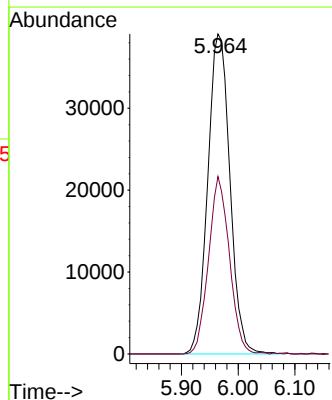
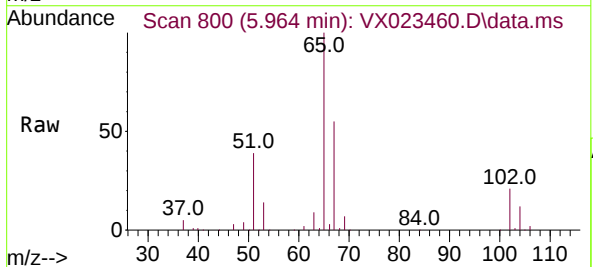
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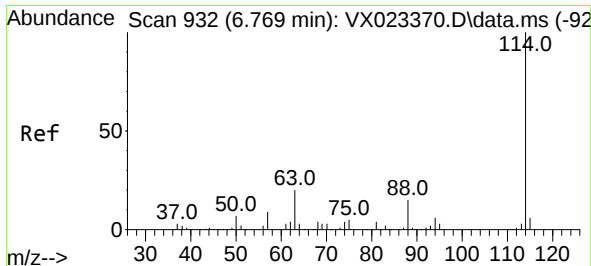
Tgt Ion: 56 Resp: 3403
Ion Ratio Lower Upper
56 100
69 162.9 25.3 37.9#
84 137.5 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 52.68 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023460.D
Acq: 26 Jul 2021 18:46

Tgt Ion: 65 Resp: 106175
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4

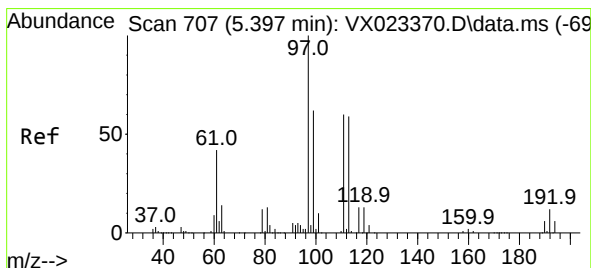
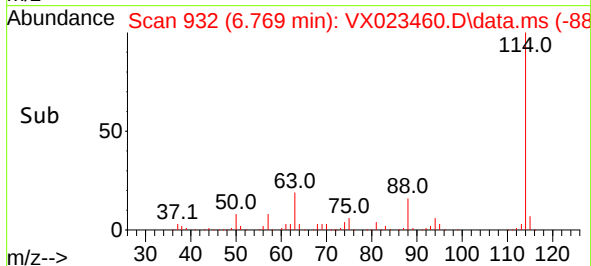
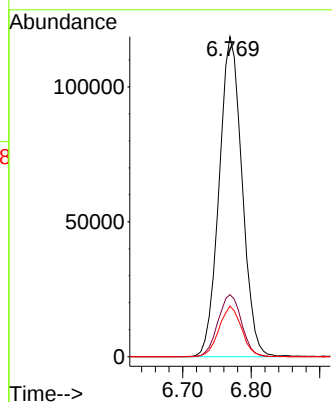
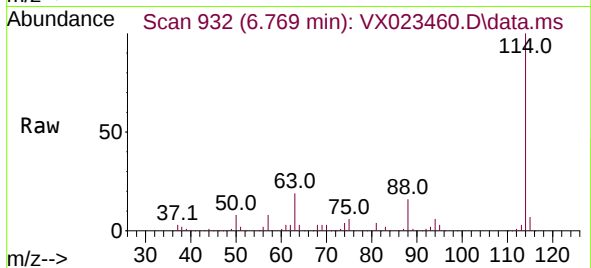




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023460.D
Acq: 26 Jul 2021 18:46

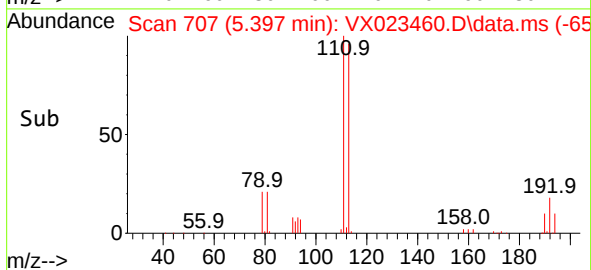
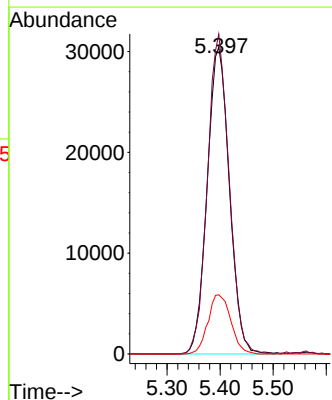
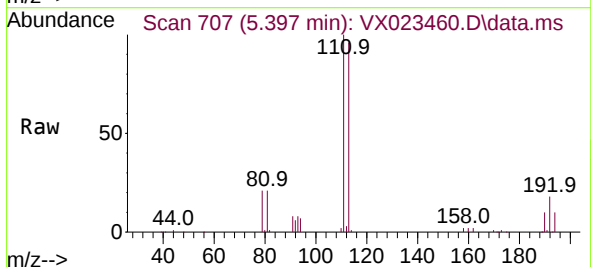
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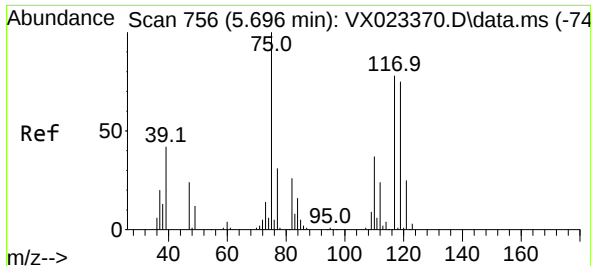
Tgt Ion:114 Resp: 275203
Ion Ratio Lower Upper
114 100
63 19.4 0.0 40.8
88 15.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.55 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023460.D
Acq: 26 Jul 2021 18:46

Tgt Ion:113 Resp: 88708
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 19.8 16.7 25.1

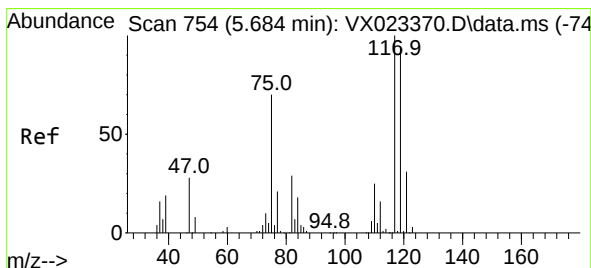
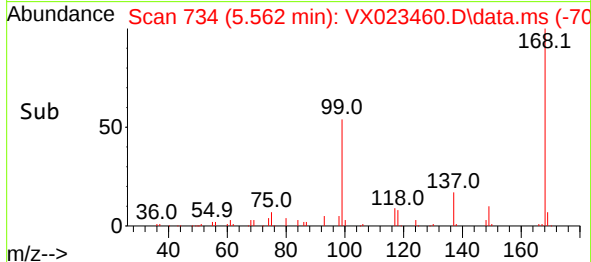
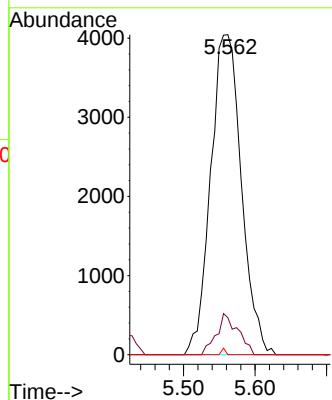
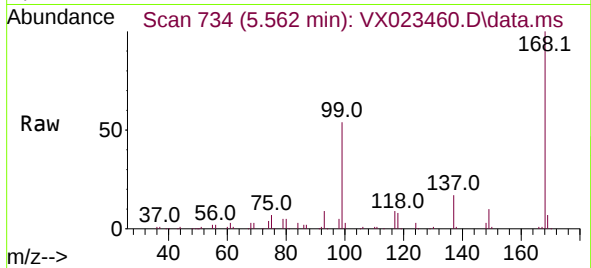




#36
1,1-Dichloropropene
Concen: 4.85 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX023460.D
Acq: 26 Jul 2021 18:46

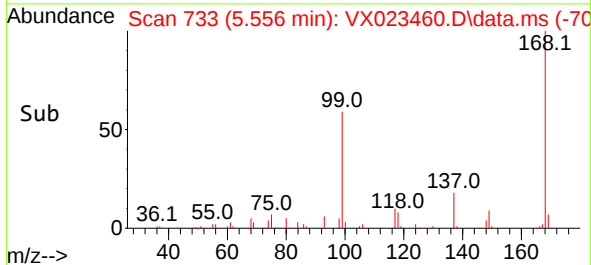
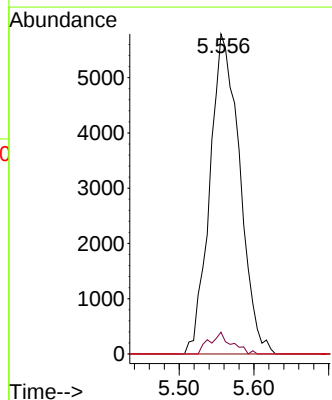
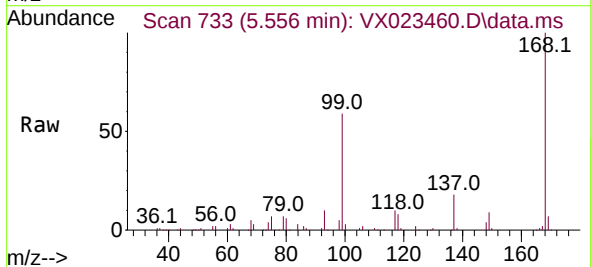
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ClientSampleId :

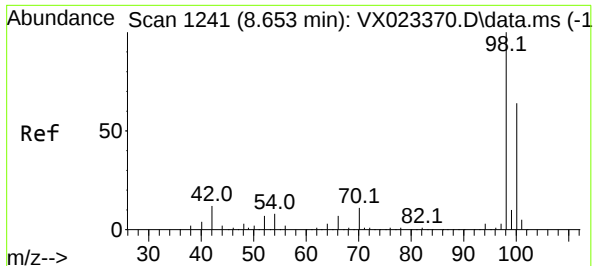
Tgt Ion: 75 Resp: 12080
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.3 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.36 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023460.D
Acq: 26 Jul 2021 18:46

Tgt Ion: 117 Resp: 16095
Ion Ratio Lower Upper
117 100
119 6.8 76.2 114.2#
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 51.38 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023460.D

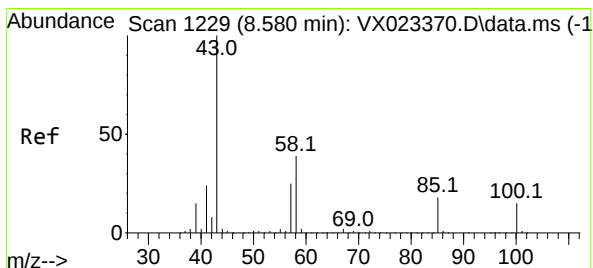
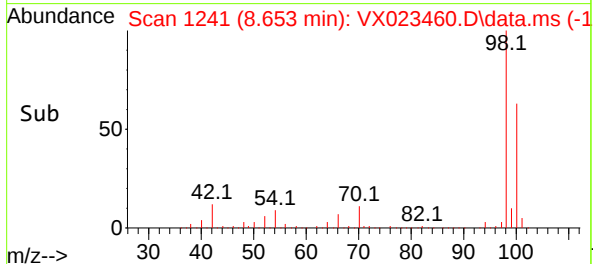
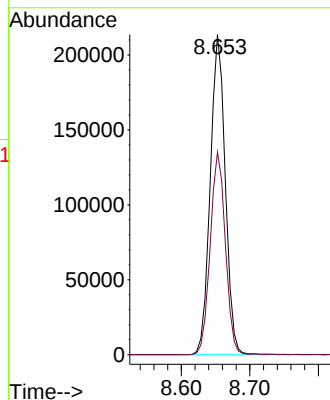
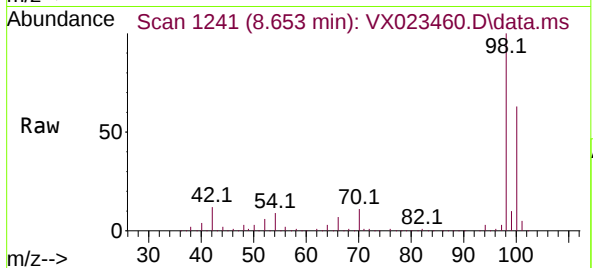
Acq: 26 Jul 2021 18:46

Tgt Ion: 98 Resp: 324846

Ion Ratio Lower Upper

98 100

100 63.8 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.54 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX023460.D

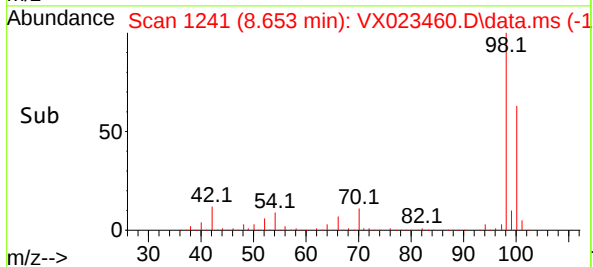
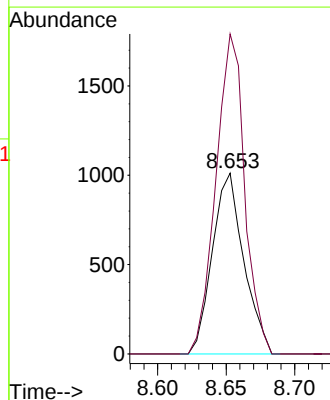
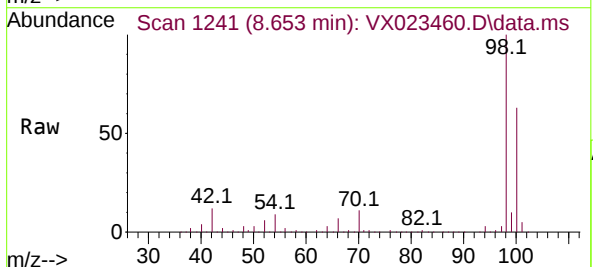
Acq: 26 Jul 2021 18:46

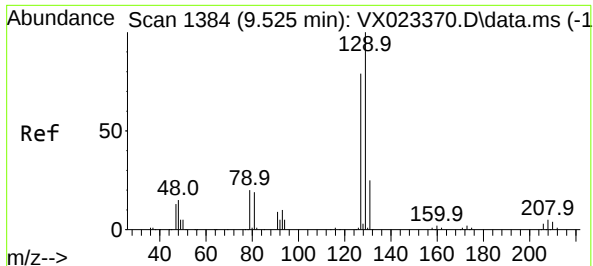
Tgt Ion: 43 Resp: 1612

Ion Ratio Lower Upper

43 100

58 162.8 35.4 53.0#

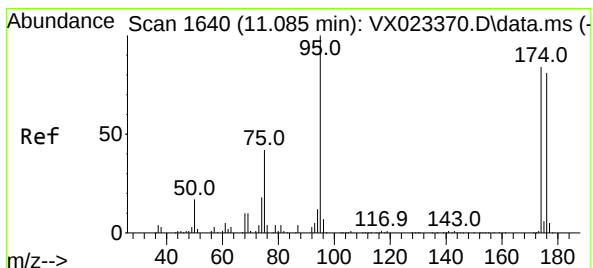
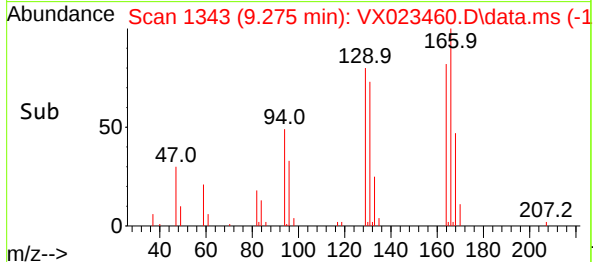
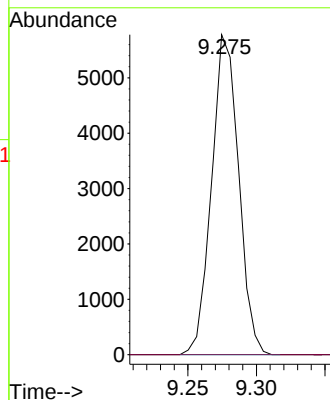
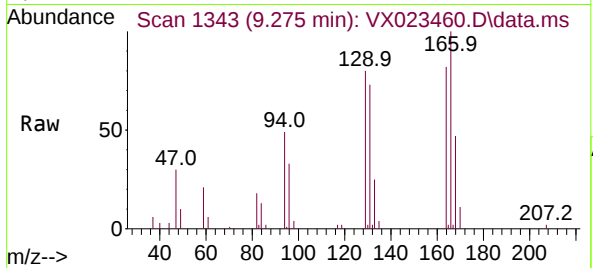




#60
Dibromochloromethane
Concen: 5.69 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023460.D
Acq: 26 Jul 2021 18:46

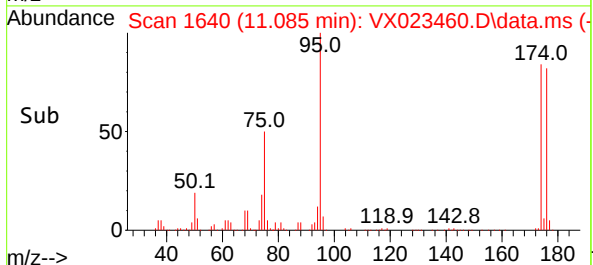
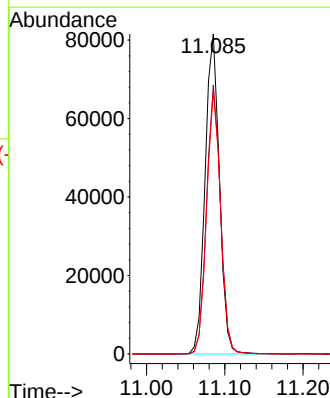
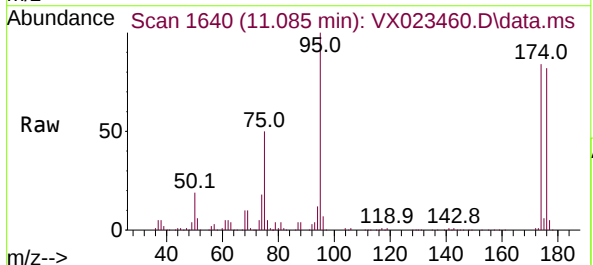
Instrument :
MSVOA_X
ClientSampled :

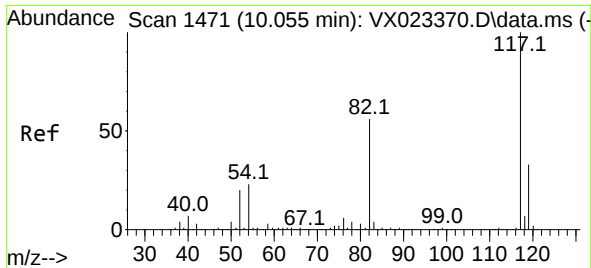
Tgt Ion:129 Resp: 7921
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 48.04 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023460.D
Acq: 26 Jul 2021 18:46

Tgt Ion: 95 Resp: 103268
Ion Ratio Lower Upper
95 100
174 82.0 0.0 154.6
176 80.0 0.0 155.8

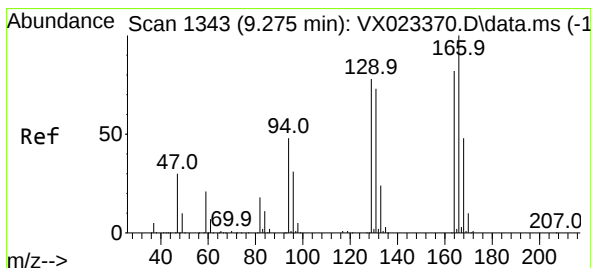
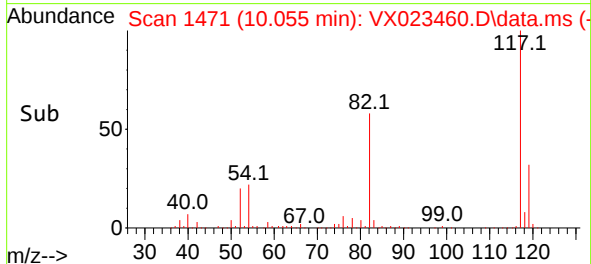
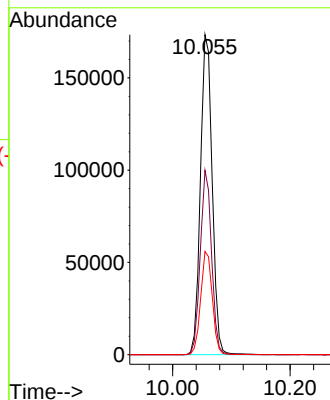
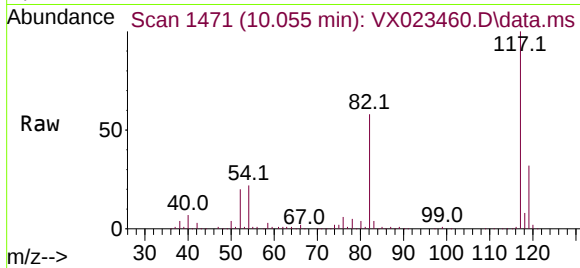




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023460.D
Acq: 26 Jul 2021 18:46

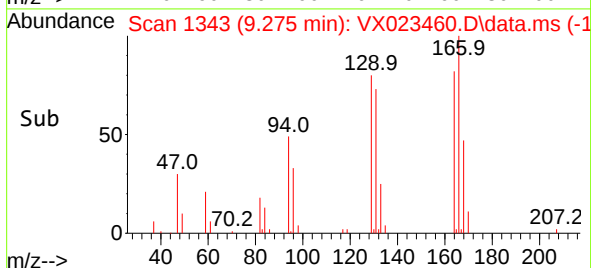
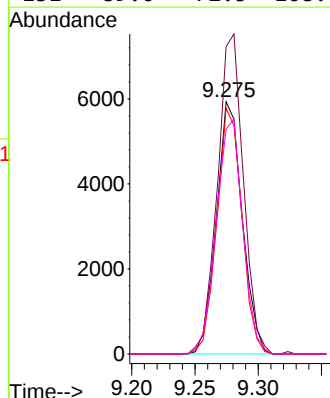
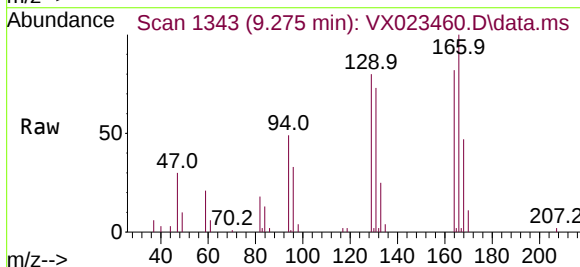
Instrument :
MSVOA_X
ClientSampled :

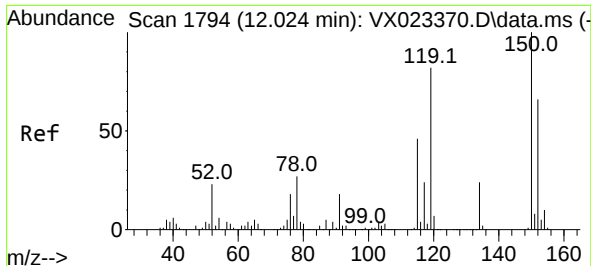
Tgt Ion:117 Resp: 240747
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 32.3 26.6 39.8



#64
Tetrachloroethene
Concen: 4.41 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX023460.D
Acq: 26 Jul 2021 18:46

Tgt Ion:164 Resp: 8457
Ion Ratio Lower Upper
164 100
166 121.9 103.4 155.2
129 97.4 70.8 106.2
131 89.0 72.5 108.7

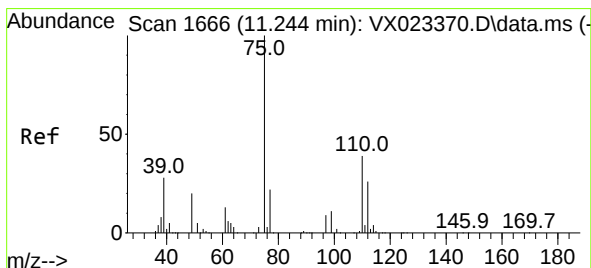
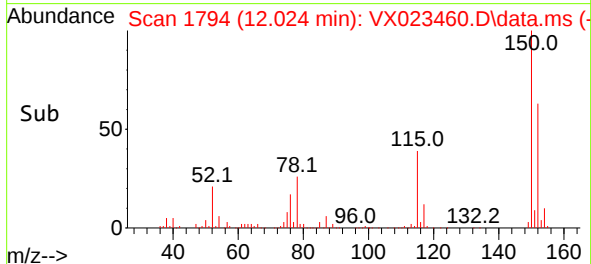
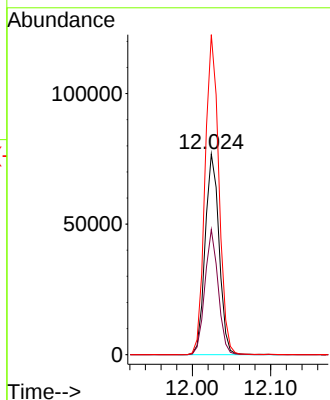
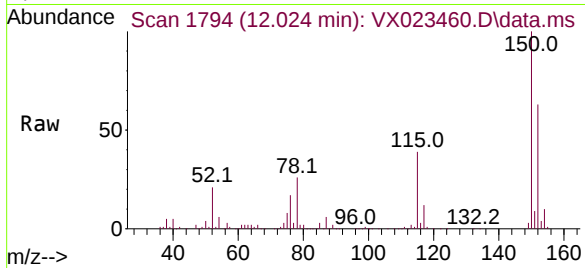




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023460.D
 Acq: 26 Jul 2021 18:46

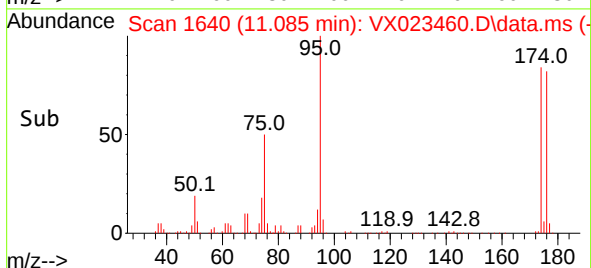
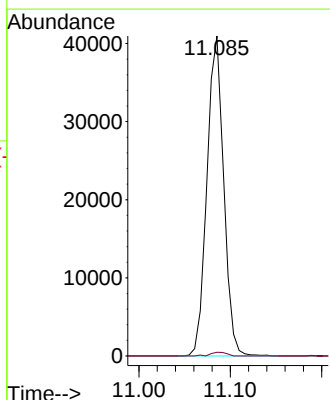
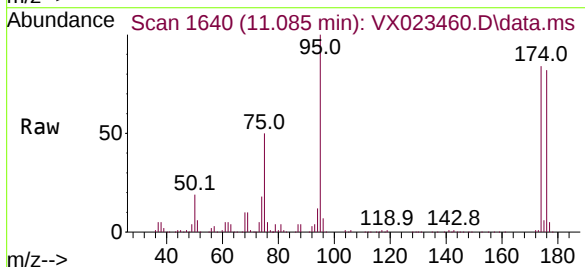
Instrument :
 MSVOA_X
 ClientSampled :

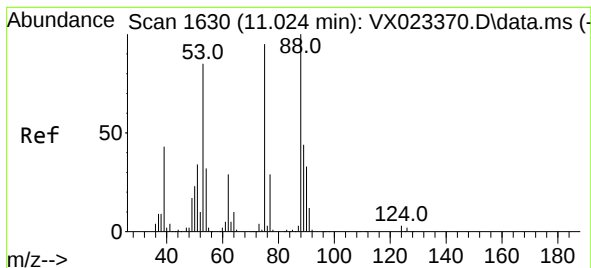
Tgt Ion:152 Resp: 94587
 Ion Ratio Lower Upper
 152 100
 115 59.5 41.1 123.3
 150 158.5 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.07 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023460.D
 Acq: 26 Jul 2021 18:46

Tgt Ion: 75 Resp: 52180
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

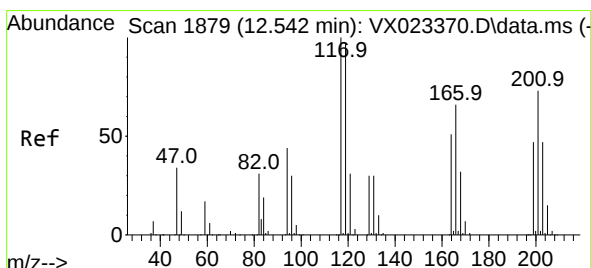
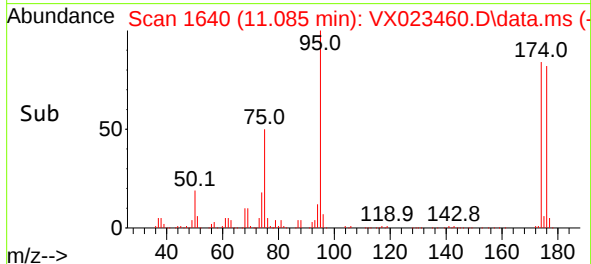
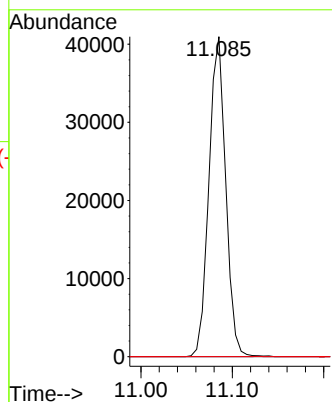
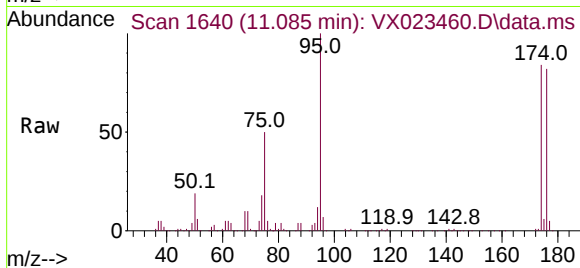




#81
trans-1,4-Dichloro-2-butene
Concen: 67.41 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023460.D
Acq: 26 Jul 2021 18:46

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 52180
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#90
Hexachloroethane
Concen: 2.11 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX023460.D
Acq: 26 Jul 2021 18:46

Tgt Ion: 117 Resp: 235
Ion Ratio Lower Upper
117 100
201 53.2 40.4 121.2

