

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
 Data File : VX023565.D
 Acq On : 05 Aug 2021 12:17
 Operator : JC/MD
 Sample : M3297-02 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 125-27

Quant Time: Aug 06 03:22:13 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)

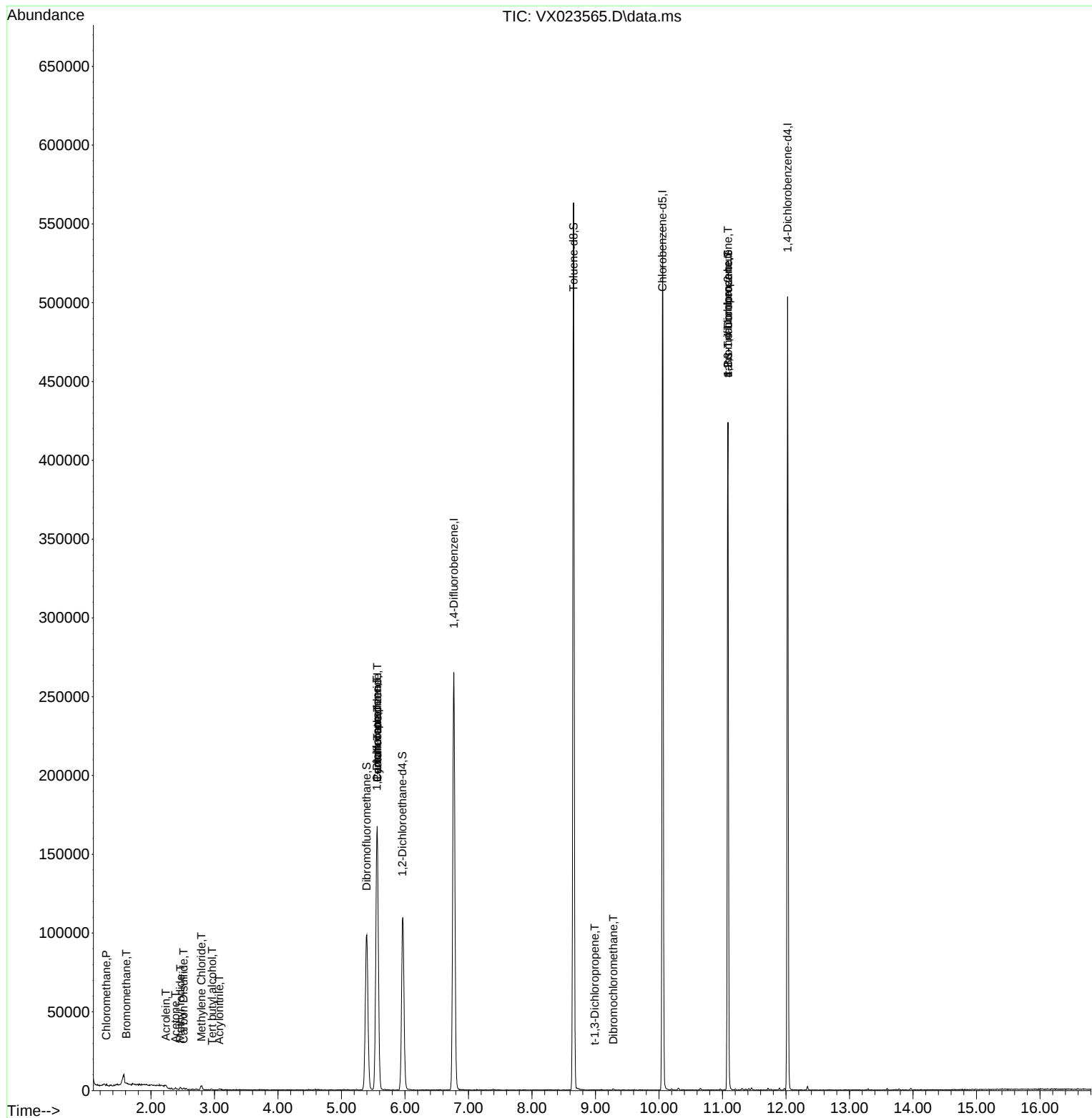
Internal Standards						
1) Pentafluorobenzene	5.562	168	159612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	268739	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	106662	53.572	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.140%			
35) Dibromofluoromethane	5.397	113	85149	50.676	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.360%			
50) Toluene-d8	8.653	98	322977	52.318	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.640%			
62) 4-Bromofluorobenzene	11.085	95	108636	51.751	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.500%			
Target Compounds						Qvalue
3) Chloromethane	1.295	50	425	0.248	ug/l #	88
5) Bromomethane	1.612	94	747	0.727	ug/l #	69
10) Methyl Iodide	2.465	142	1314	0.664	ug/l	91
11) Tert butyl alcohol	2.965	59	248	0.545	ug/l #	73
13) Acrolein	2.233	56	114	1.854	ug/l #	76
15) Acrylonitrile	3.075	53	301	0.293	ug/l #	80
16) Acetone	2.386	43	1202	1.231	ug/l	93
17) Carbon Disulfide	2.514	76	1126	0.291	ug/l #	88
20) Methylene Chloride	2.794	84	1248	0.657	ug/l	95
31) Cyclohexane	5.562	56	3653	1.239	ug/l #	36
36) 1,1-Dichloropropene	5.556	75	12239	5.034	ug/l #	50
38) Carbon Tetrachloride	5.562	117	15729	6.362	ug/l #	16
53) t-1,3-Dichloropropene	8.988	75	179	1.875	ug/l #	44
60) Dibromochloromethane	9.281	129	166	2.063	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	56767	26.132	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	56767	70.266	ug/l #	12

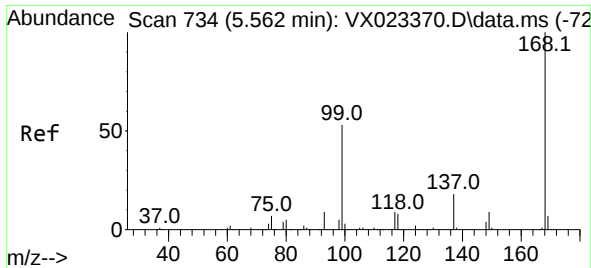
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
Data File : VX023565.D
Acq On : 05 Aug 2021 12:17
Operator : JC/MD
Sample : M3297-02 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
125-27

Quant Time: Aug 06 03:22:13 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

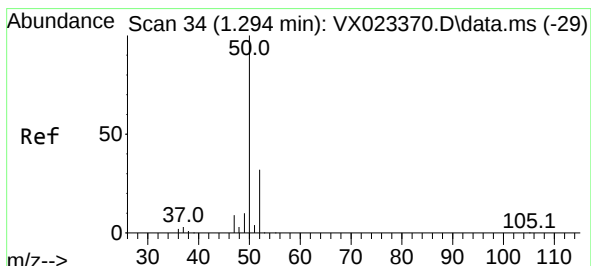
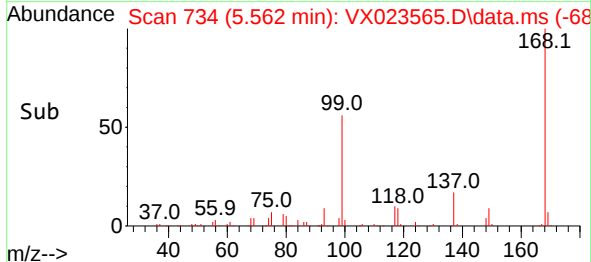
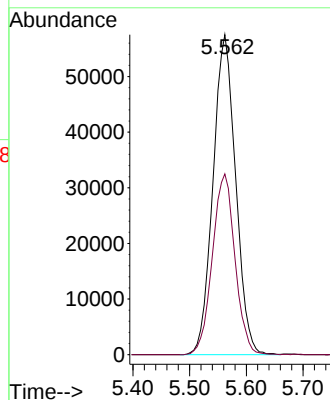
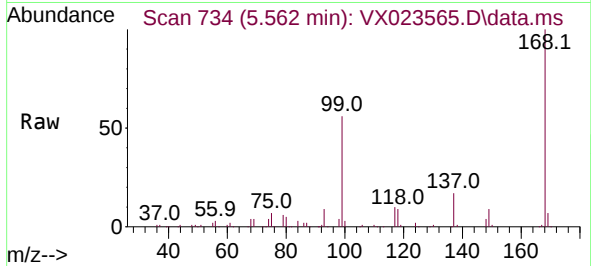




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023565.D
Acq: 05 Aug 2021 12:17

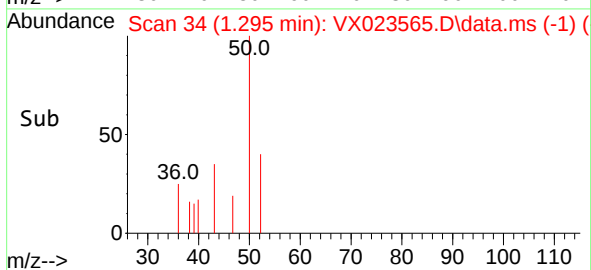
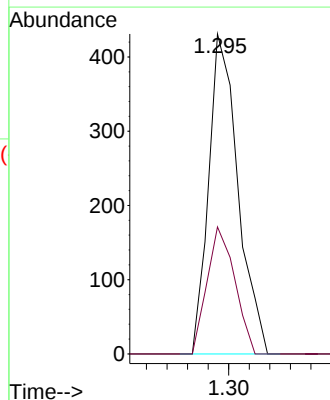
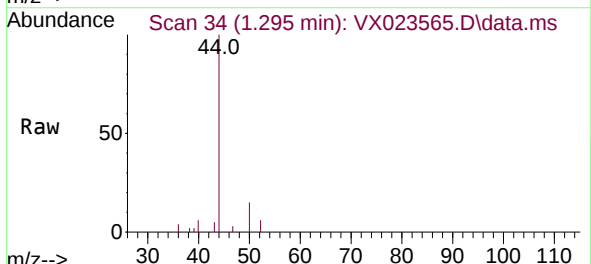
Instrument :
MSVOA_X
ClientSampled :
125-27

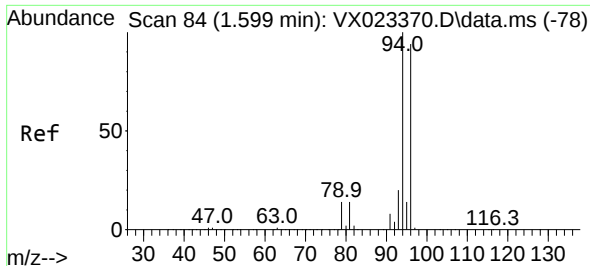
Tgt Ion:168 Resp: 159612
Ion Ratio Lower Upper
168 100
99 56.5 45.8 68.6



#3
Chloromethane
Concen: 0.248 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX023565.D
Acq: 05 Aug 2021 12:17

Tgt Ion: 50 Resp: 425
Ion Ratio Lower Upper
50 100
52 39.7 26.4 39.6#

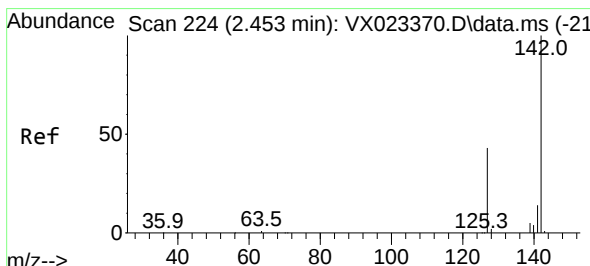
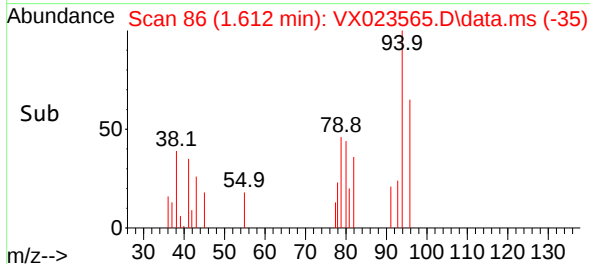
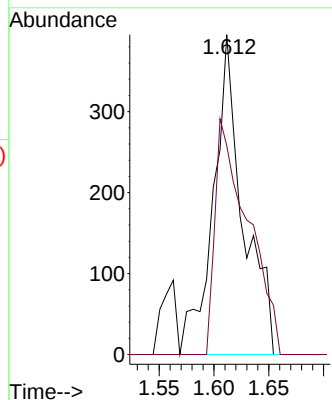
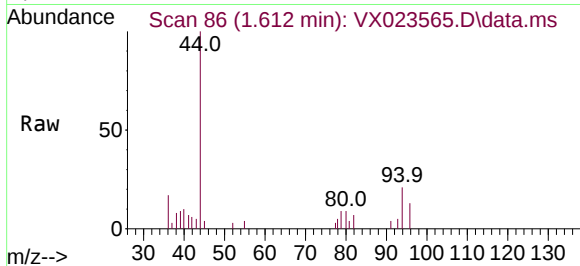




#5
Bromomethane
Concen: 0.727 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX023565.D
Acq: 05 Aug 2021 12:17

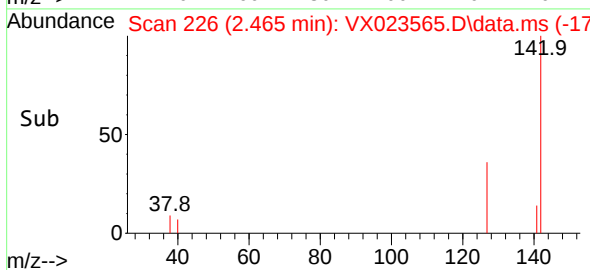
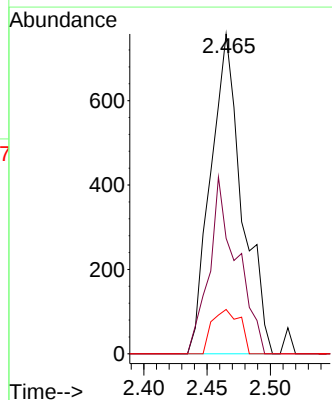
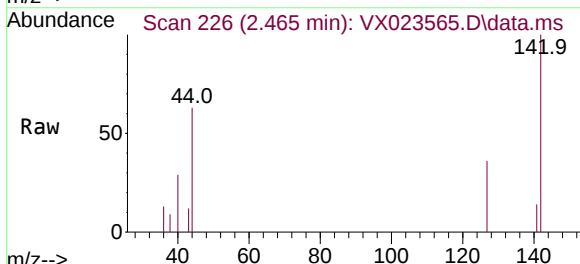
Instrument :
MSVOA_X
ClientSampleId :
125-27

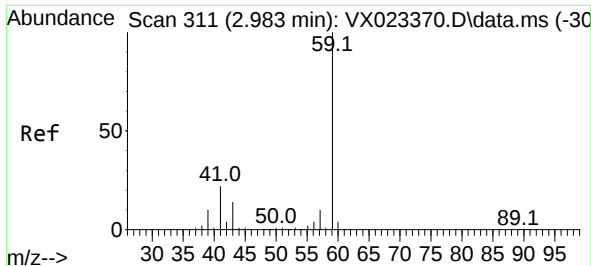
Tgt Ion: 94 Resp: 747
Ion Ratio Lower Upper
94 100
96 65.3 76.4 114.6#



#10
Methyl Iodide
Concen: 0.664 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023565.D
Acq: 05 Aug 2021 12:17

Tgt Ion: 142 Resp: 1314
Ion Ratio Lower Upper
142 100
127 48.5 33.3 49.9
141 12.3 11.4 17.0



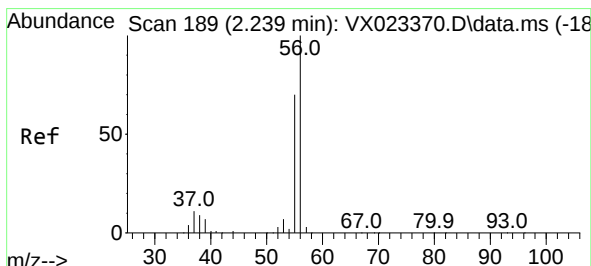
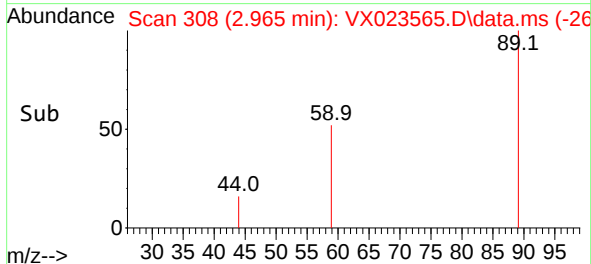
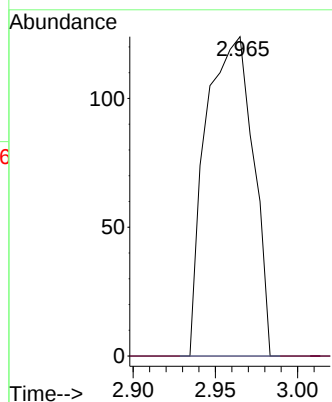
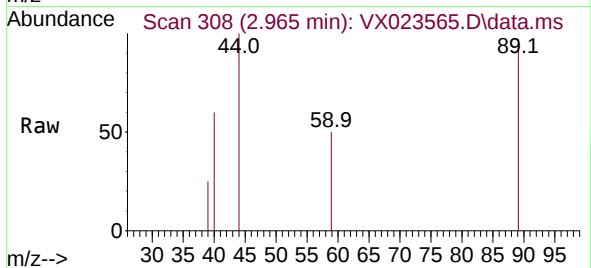


#11

Tert butyl alcohol
Concen: 0.545 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX023565.D
Acq: 05 Aug 2021 12:17

Instrument :
MSVOA_X
ClientSampled :
125-27

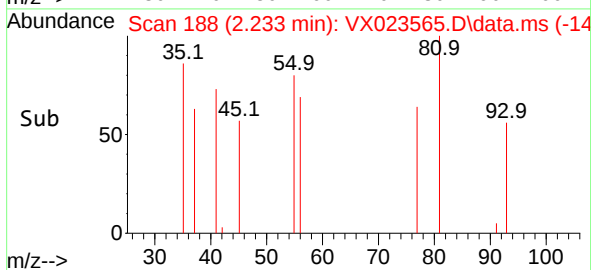
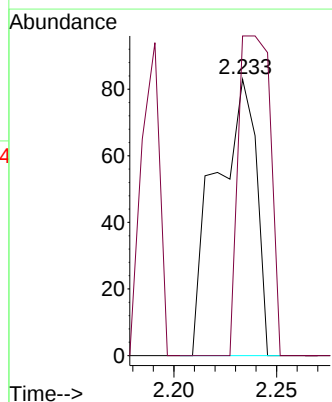
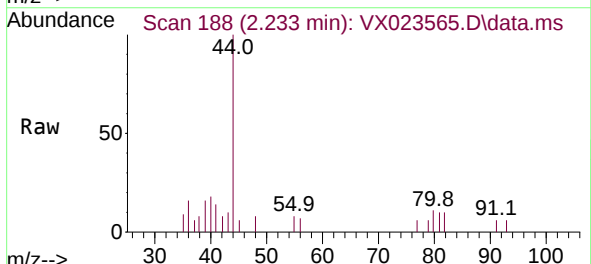
Tgt Ion: 59 Resp: 248
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

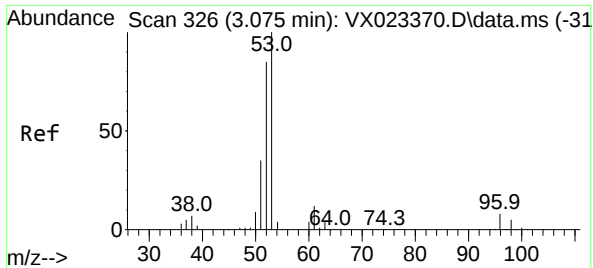


#13

Acrolein
Concen: 1.854 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX023565.D
Acq: 05 Aug 2021 12:17

Tgt Ion: 56 Resp: 114
Ion Ratio Lower Upper
56 100
55 90.4 56.4 84.6#

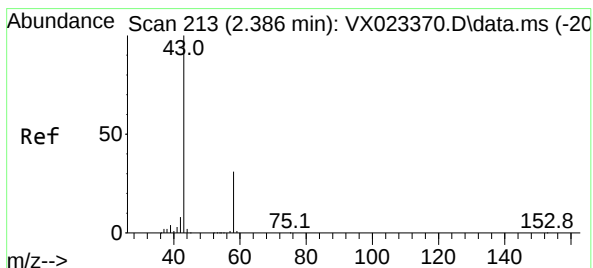
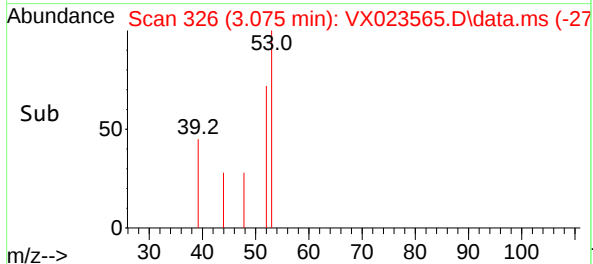
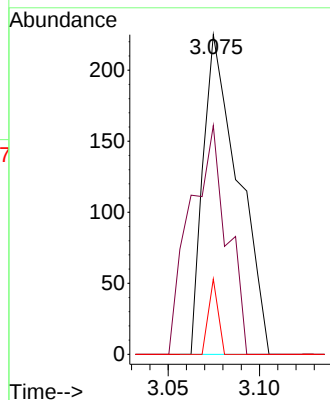
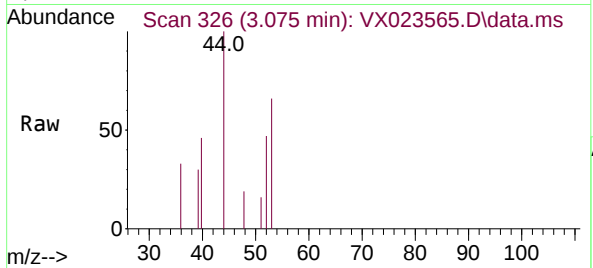




#15
Acrylonitrile
Concen: 0.293 ug/l
RT: 3.075 min Scan# 326
Delta R.T. -0.000 min
Lab File: VX023565.D
Acq: 05 Aug 2021 12:17

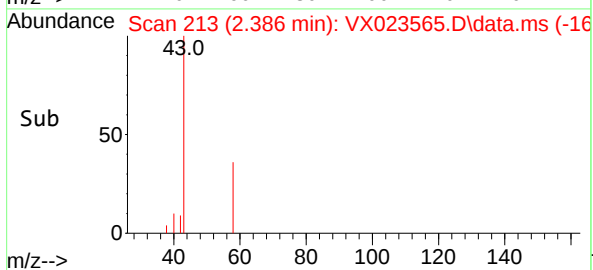
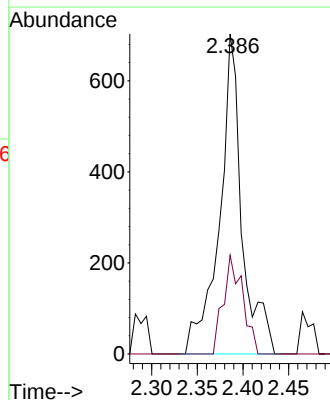
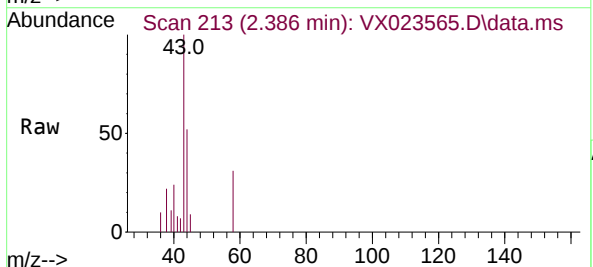
Instrument :
MSVOA_X
ClientSampleId :
125-27

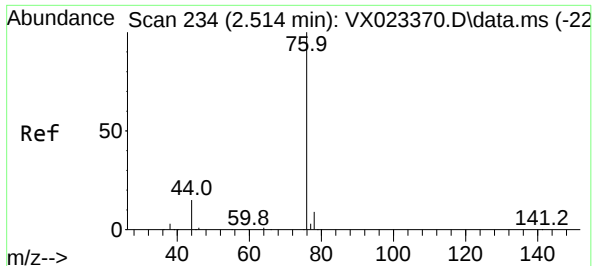
Tgt Ion: 53	Resp:	301
Ion	Ratio	Lower Upper
53	100	
52	75.1	65.3 97.9
51	6.3	28.2 42.2#



#16
Acetone
Concen: 1.231 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023565.D
Acq: 05 Aug 2021 12:17

Tgt Ion: 43	Resp:	1202
Ion	Ratio	Lower Upper
43	100	
58	30.9	27.8 41.8

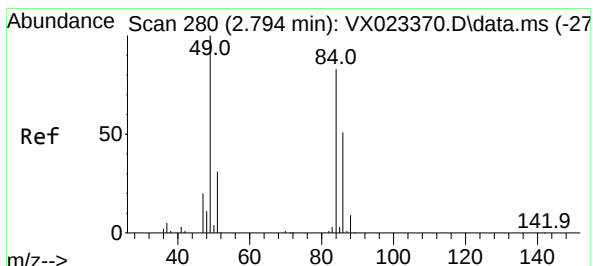
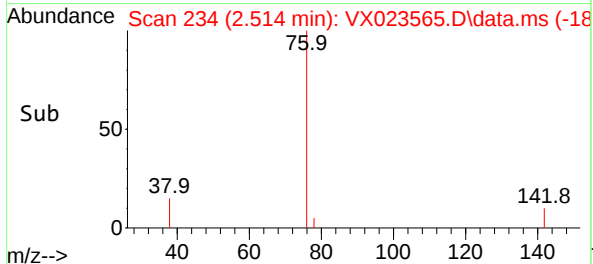
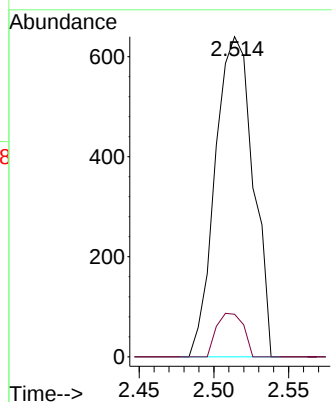
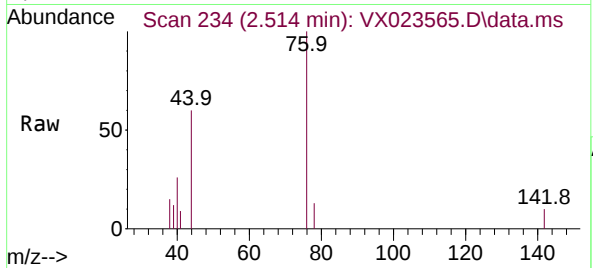




#17
Carbon Disulfide
Concen: 0.291 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023565.D
Acq: 05 Aug 2021 12:17

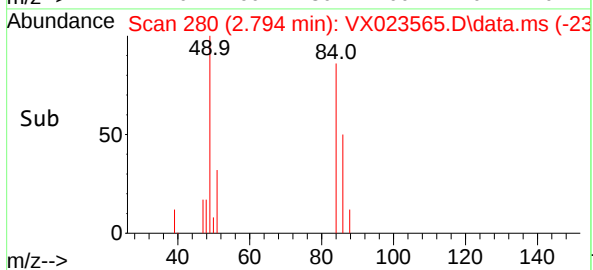
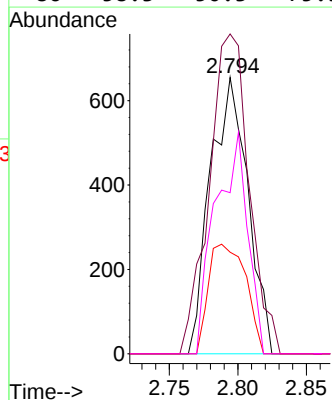
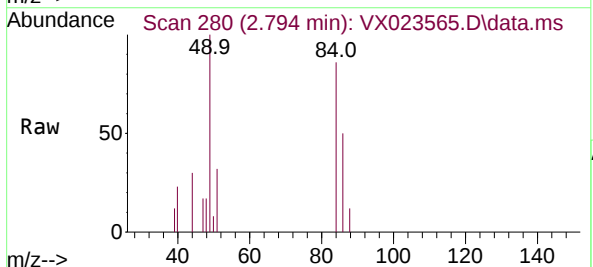
Instrument :
MSVOA_X
ClientSampled :
125-27

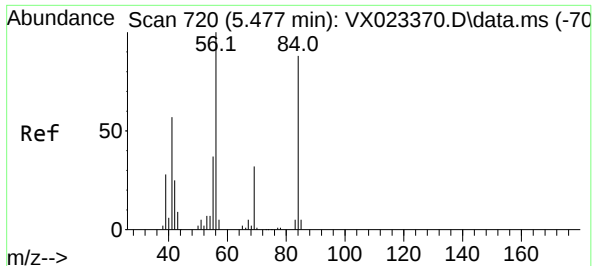
Tgt Ion: 76 Resp: 1126
Ion Ratio Lower Upper
76 100
78 13.3 7.2 10.8#



#20
Methylene Chloride
Concen: 0.657 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023565.D
Acq: 05 Aug 2021 12:17

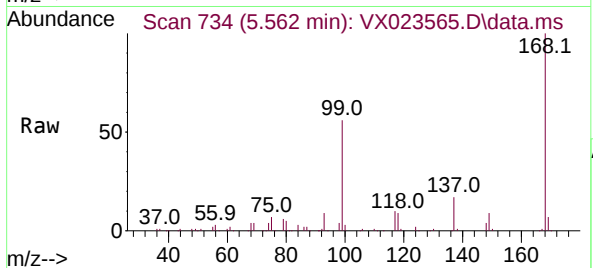
Tgt Ion: 84 Resp: 1248
Ion Ratio Lower Upper
84 100
49 115.7 88.6 132.8
51 36.8 27.0 40.6
86 58.3 50.3 75.5



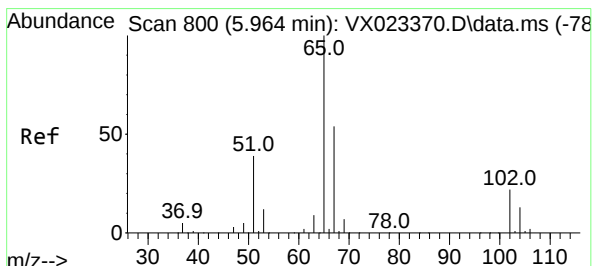
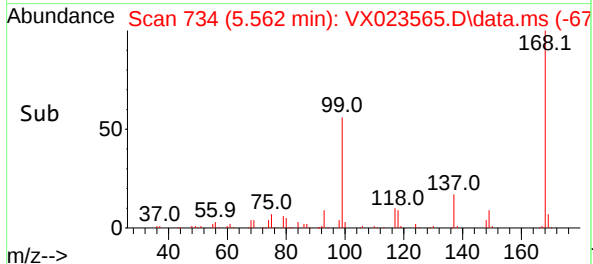
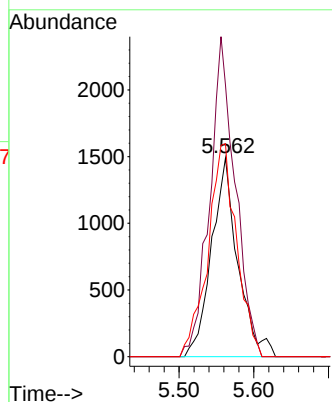


#31
Cyclohexane
Concen: 1.239 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023565.D
Acq: 05 Aug 2021 12:17

Instrument :
MSVOA_X
ClientSampled :
125-27

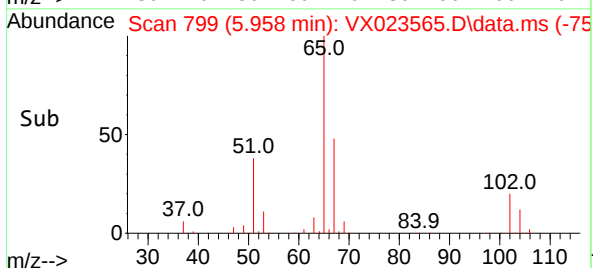
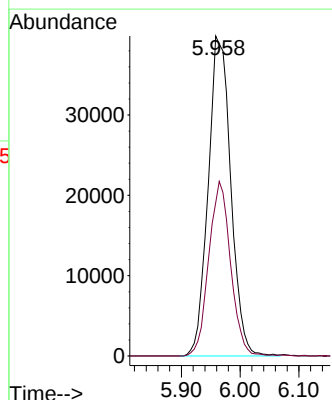
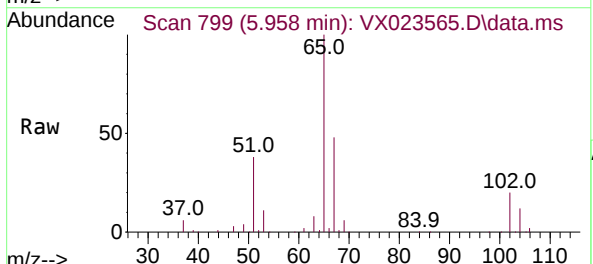


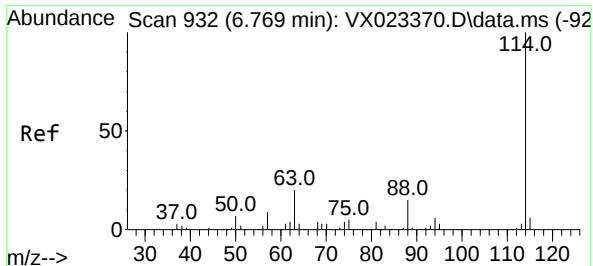
Tgt Ion: 56 Resp: 3653
Ion Ratio Lower Upper
56 100
69 136.7 25.3 37.9#
84 107.2 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 53.572 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX023565.D
Acq: 05 Aug 2021 12:17

Tgt Ion: 65 Resp: 106662
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.4

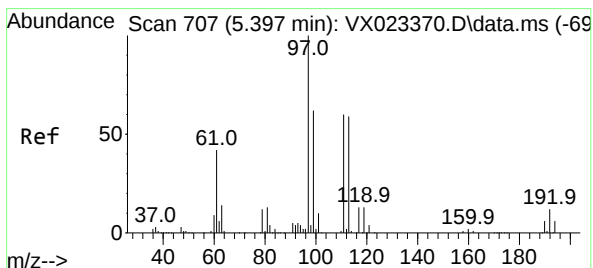
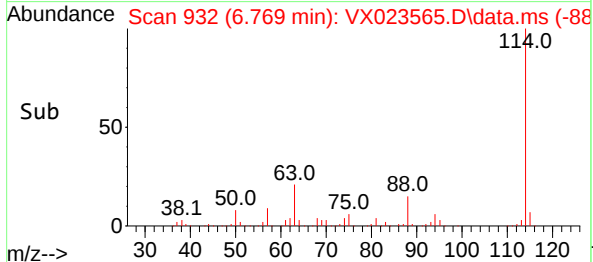
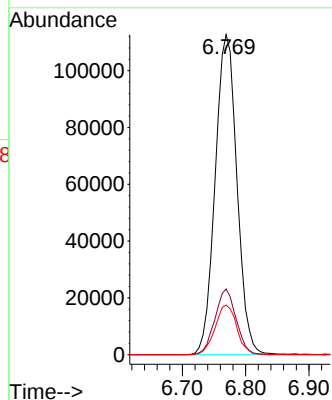
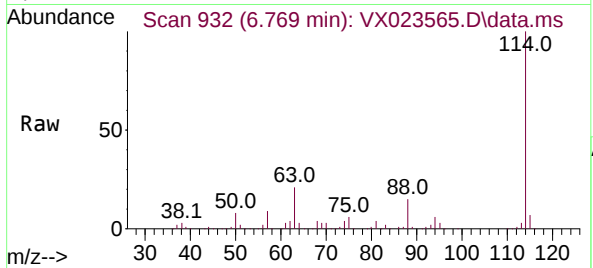




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023565.D
Acq: 05 Aug 2021 12:17

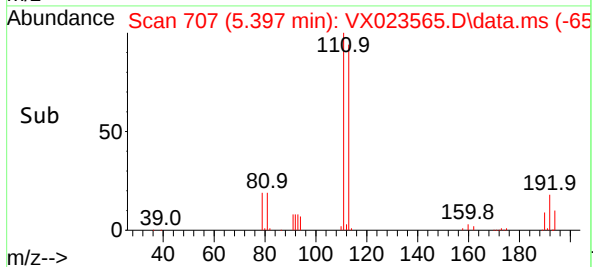
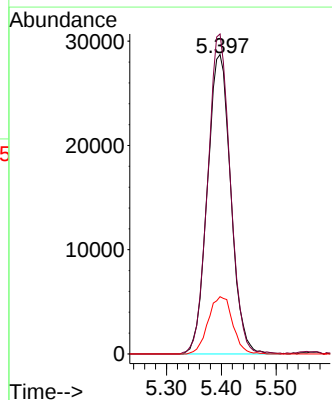
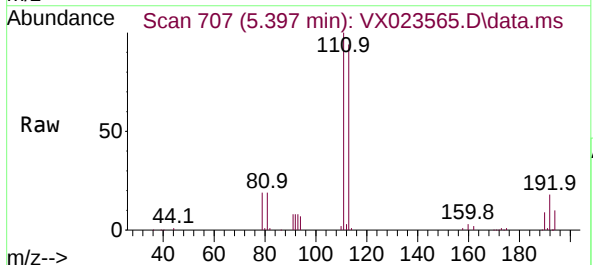
Instrument :
MSVOA_X
ClientSampled :
125-27

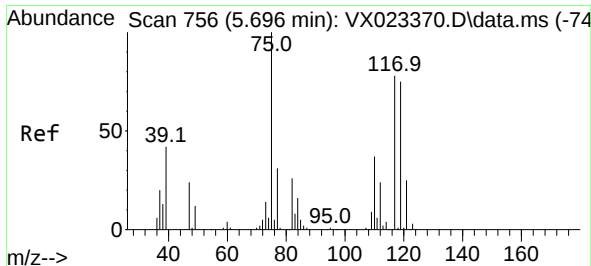
Tgt Ion:114 Resp: 268739
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 15.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.676 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023565.D
Acq: 05 Aug 2021 12:17

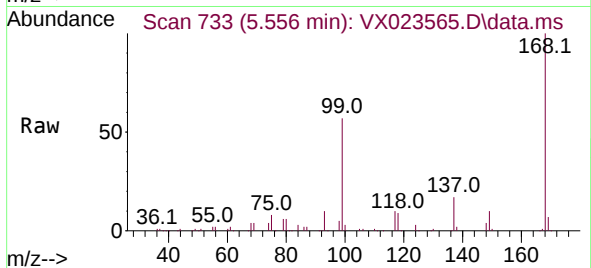
Tgt Ion:113 Resp: 85149
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 20.0 16.7 25.1



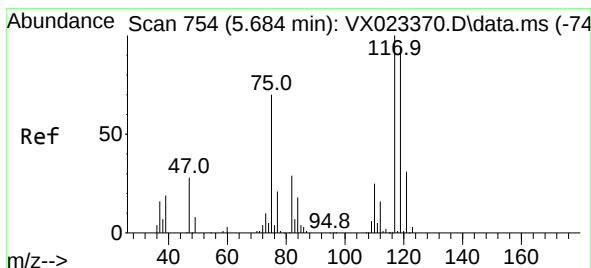
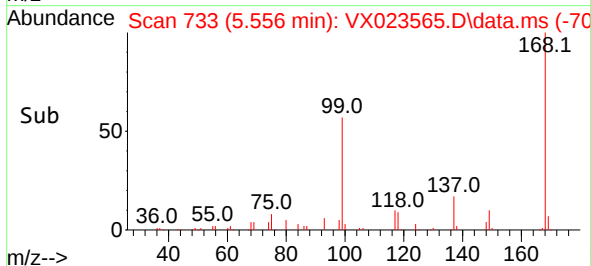
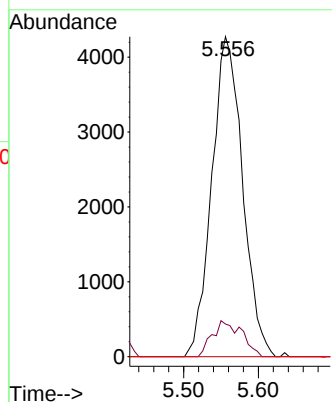


#36
1,1-Dichloropropene
Concen: 5.034 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX023565.D
Acq: 05 Aug 2021 12:17

Instrument :
MSVOA_X
ClientSampled :
125-27

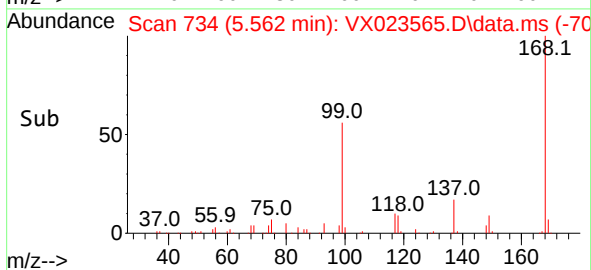
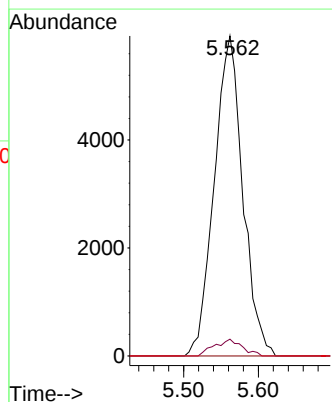
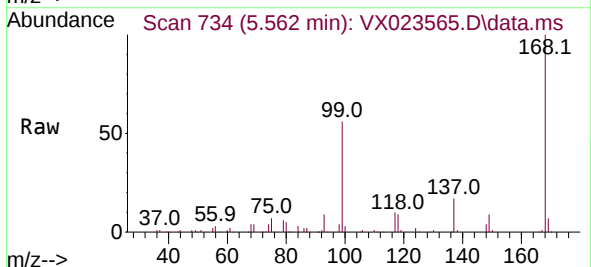


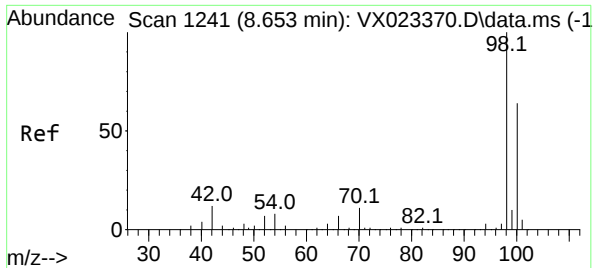
Tgt Ion: 75 Resp: 12239
Ion Ratio Lower Upper
75 100
110 10.8 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.362 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023565.D
Acq: 05 Aug 2021 12:17

Tgt Ion: 117 Resp: 15729
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#

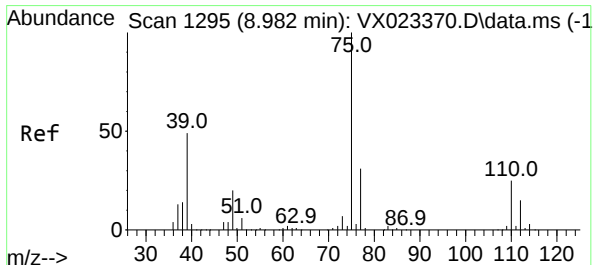
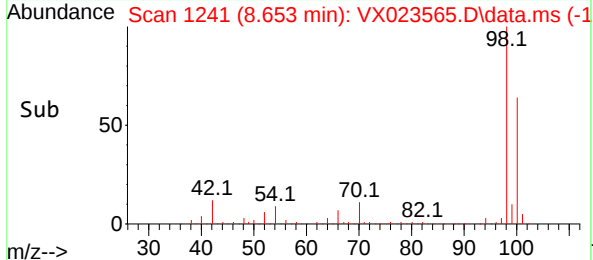
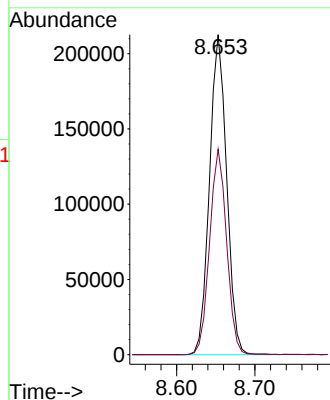
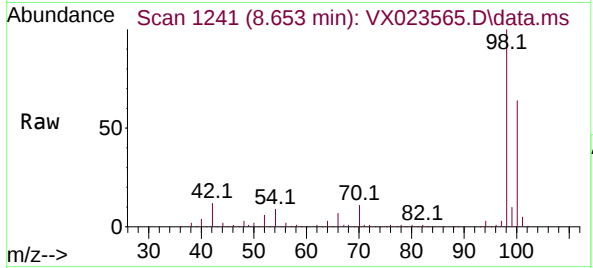




#50
Toluene-d8
Concen: 52.318 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023565.D
Acq: 05 Aug 2021 12:17

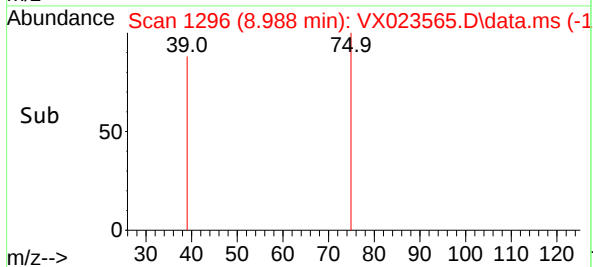
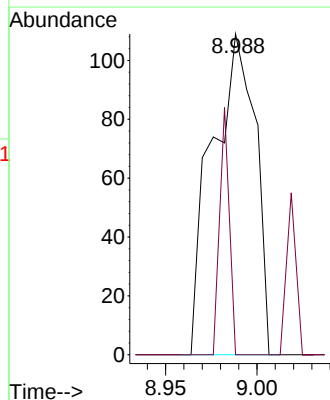
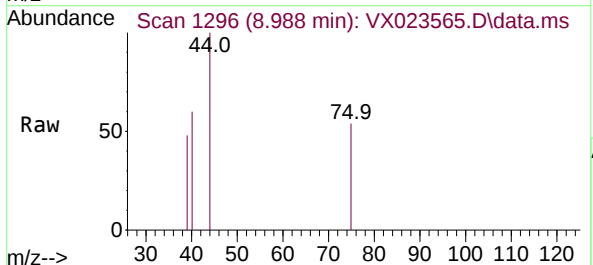
Instrument :
MSVOA_X
ClientSampled :
125-27

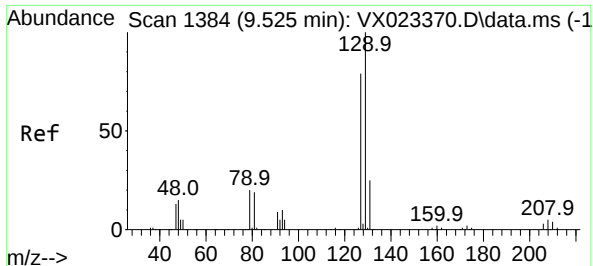
Tgt Ion: 98 Resp: 322977
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9



#53
t-1,3-Dichloropropene
Concen: 1.875 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX023565.D
Acq: 05 Aug 2021 12:17

Tgt Ion: 75 Resp: 179
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#





#60

Dibromochloromethane

Concen: 2.063 ug/l

RT: 9.281 min Scan# 1344

Delta R.T. -0.244 min

Lab File: VX023565.D

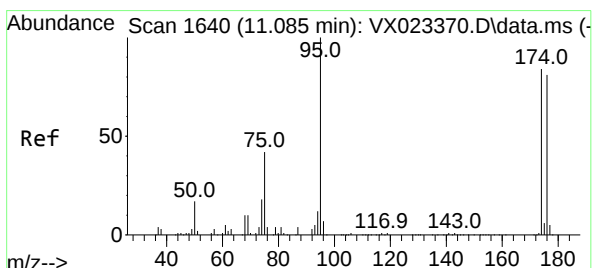
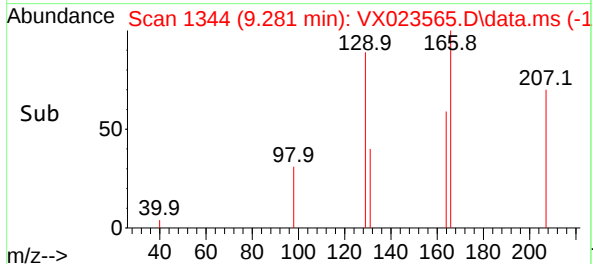
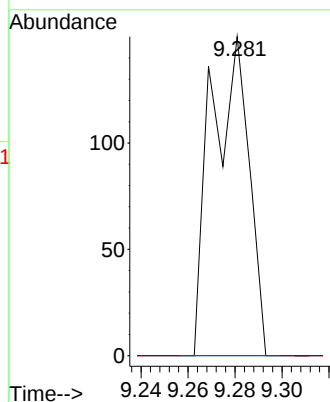
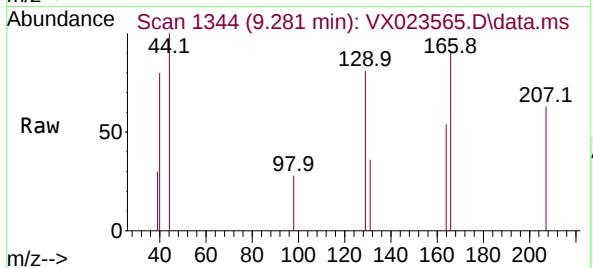
Acq: 05 Aug 2021 12:17

Tgt Ion:129 Resp: 166

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 51.751 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX023565.D

Acq: 05 Aug 2021 12:17

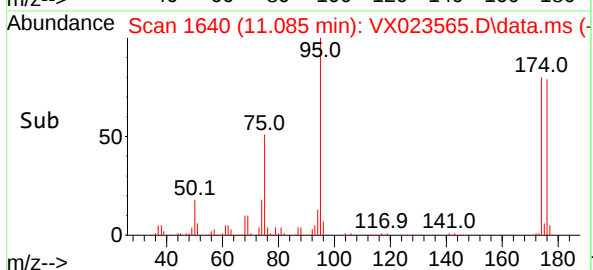
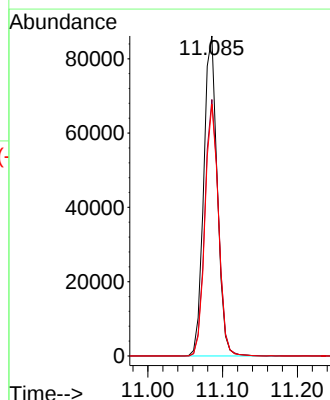
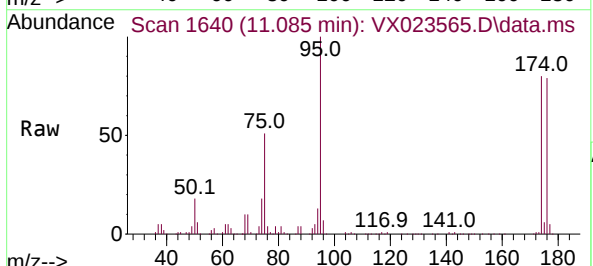
Tgt Ion: 95 Resp: 108636

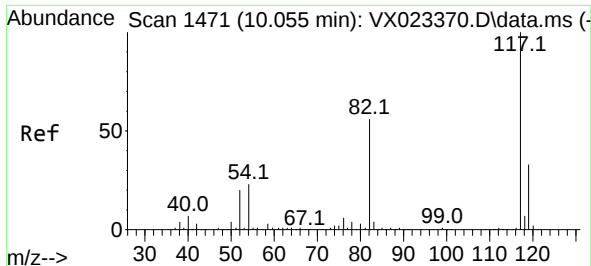
Ion Ratio Lower Upper

95 100

174 80.6 0.0 154.6

176 78.2 0.0 155.8

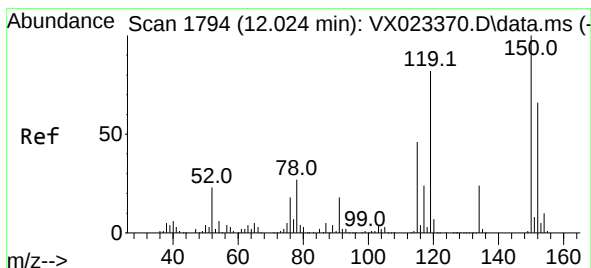
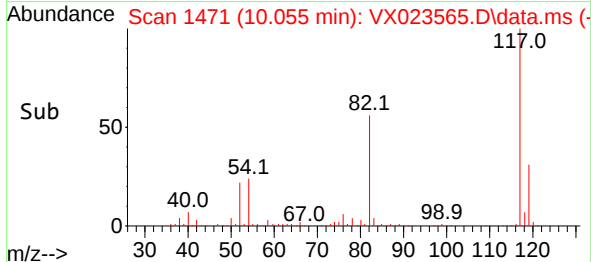
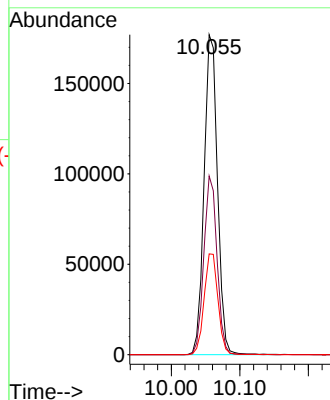
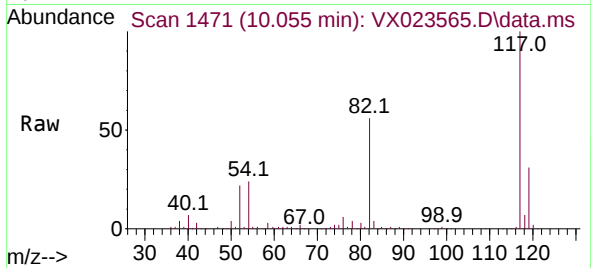




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023565.D
Acq: 05 Aug 2021 12:17

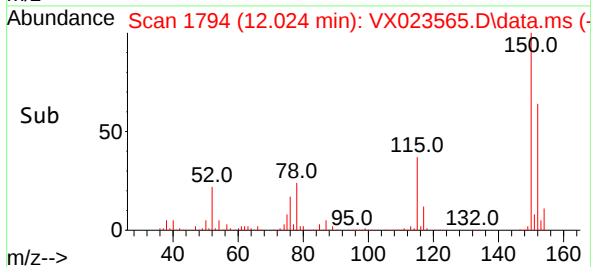
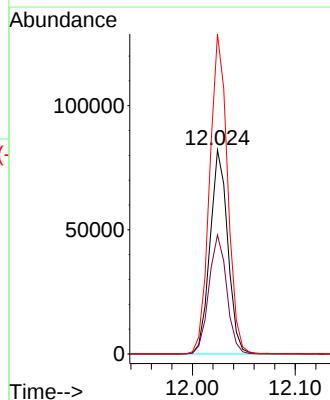
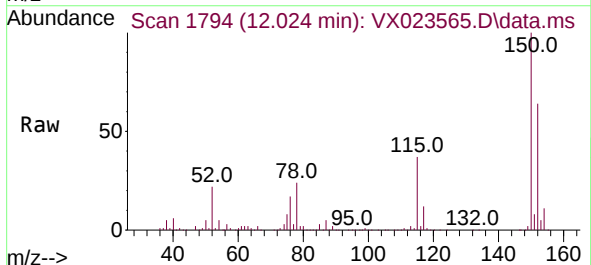
Instrument :
MSVOA_X
ClientSampled :
125-27

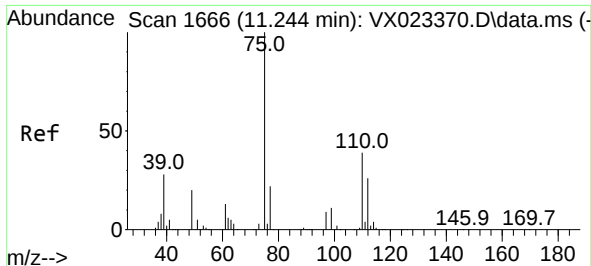
Tgt Ion:117 Resp: 241083
Ion Ratio Lower Upper
117 100
82 55.9 47.4 71.2
119 31.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023565.D
Acq: 05 Aug 2021 12:17

Tgt Ion:152 Resp: 98716
Ion Ratio Lower Upper
152 100
115 58.6 41.1 123.3
150 158.6 0.0 349.0

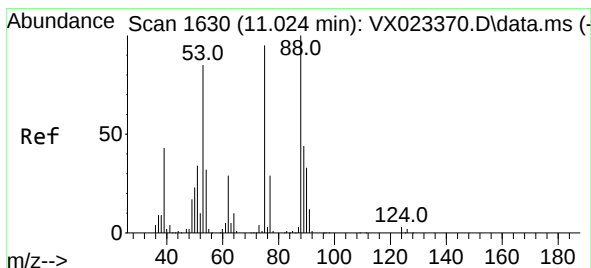
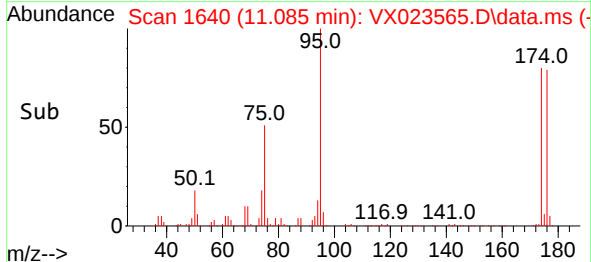
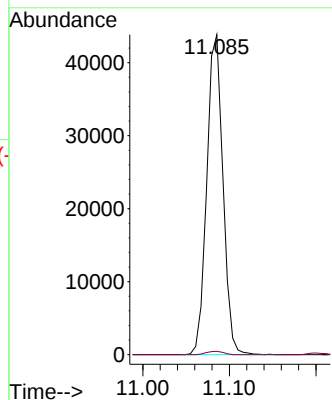
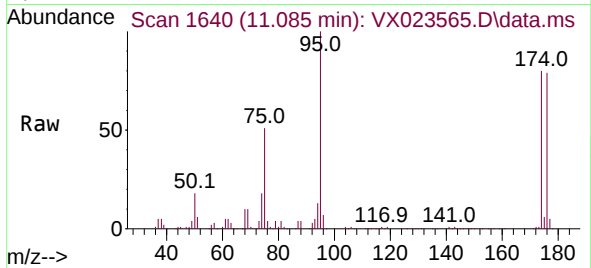




#76
1,2,3-Trichloropropane
Concen: 26.132 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023565.D
Acq: 05 Aug 2021 12:17

Instrument :
MSVOA_X
ClientSampled :
125-27

Tgt Ion: 75 Resp: 56767
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.266 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023565.D
Acq: 05 Aug 2021 12:17

Tgt Ion: 75 Resp: 56767
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

