

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080921\
 Data File : VX023604.D
 Acq On : 09 Aug 2021 11:10
 Operator : JC/MD
 Sample : VX0809MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 09 14:09:28 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)

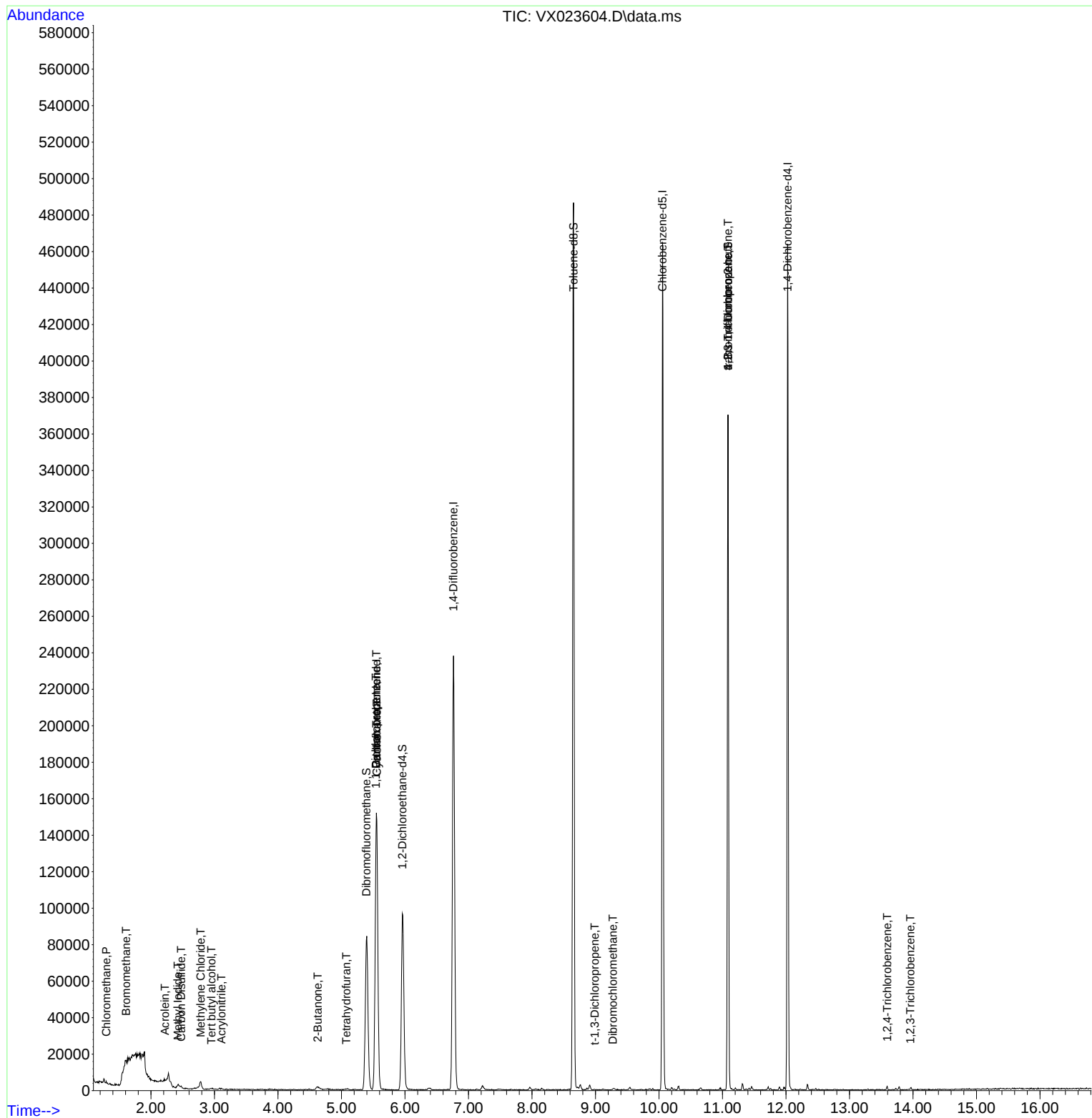
Internal Standards						
1) Pentafluorobenzene	5.550	168	145453	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	241271	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210766	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92620	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95978	52.90	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.80%			
35) Dibromofluoromethane	5.391	113	73986	49.04	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.08%			
50) Toluene-d8	8.653	98	288680	52.09	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.18%			
62) 4-Bromofluorobenzene	11.086	95	96386	51.14	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.28%			
Target Compounds					Qvalue	
3) Chloromethane	1.295	50	673	0.43	ug/l #	82
5) Bromomethane	1.606	94	1174	1.25	ug/l	90
10) Methyl Iodide	2.422	142	1824	1.01	ug/l	90
11) Tert butyl alcohol	2.953	59	375	0.90	ug/l #	73
13) Acrolein	2.221	56	169	2.16	ug/l #	58
15) Acrylonitrile	3.111	53	360	0.38	ug/l #	24
17) Carbon Disulfide	2.477	76	922	0.26	ug/l #	75
20) Methylene Chloride	2.782	84	2103	1.21	ug/l	98
25) 2-Butanone	4.623	43	4161	3.01	ug/l #	82
29) Tetrahydrofuran	5.074	42	384	0.42	ug/l #	44
31) Cyclohexane	5.556	56	3314	1.23	ug/l #	31
36) 1,1-Dichloropropene	5.544	75	11274	5.17	ug/l #	49
38) Carbon Tetrachloride	5.550	117	14207	6.40	ug/l #	15
53) t-1,3-Dichloropropene	8.988	75	115	1.86	ug/l #	44
60) Dibromochloromethane	9.275	129	96	2.03	ug/l #	11
76) 1,2,3-Trichloropropane	11.086	75	50625	24.84	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.086	75	50625	66.79	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.591	180	559	0.29	ug/l	94
96) 1,2,3-Trichlorobenzene	13.957	180	482	0.25	ug/l #	87

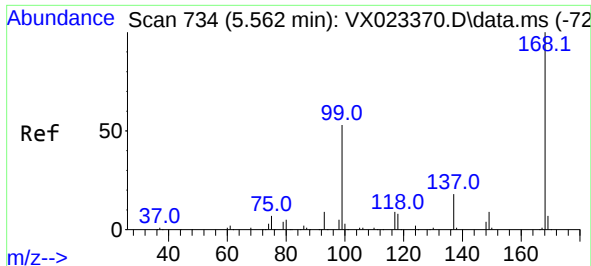
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 09 Aug 2021 11:10
Operator : JC/MD
Sample : VX0809MBL01
Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :

Quant Time: Aug 09 14:09:28 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

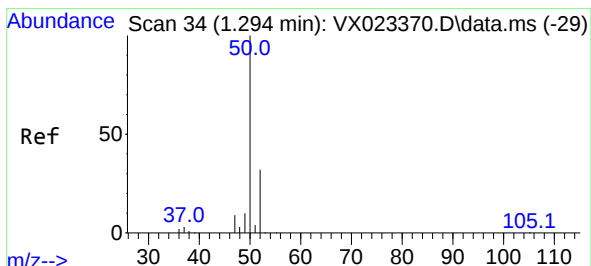
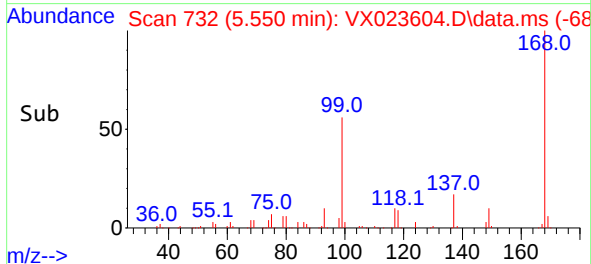
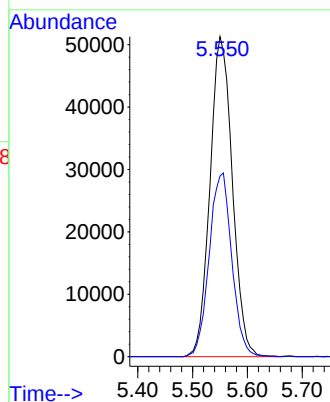
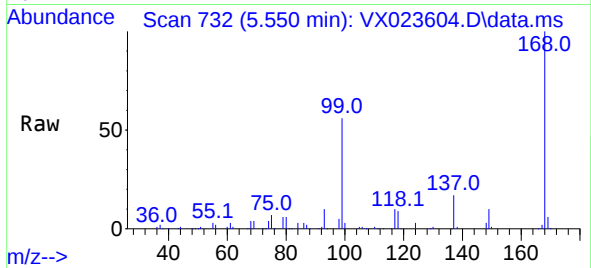




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.012 min
Lab File: VX023604.D
Acq: 09 Aug 2021 11:10

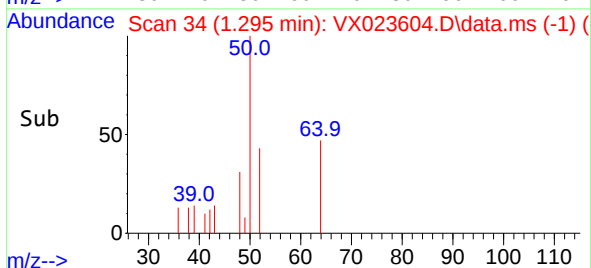
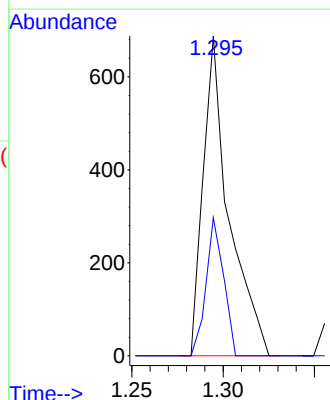
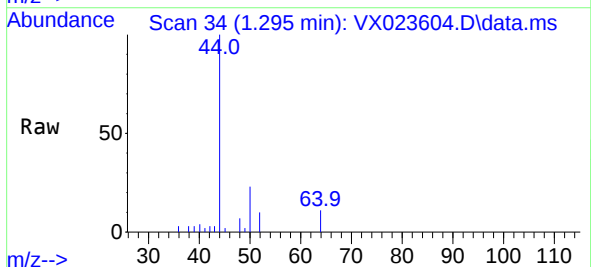
Instrument :
MSVOA_X
ClientSampled :

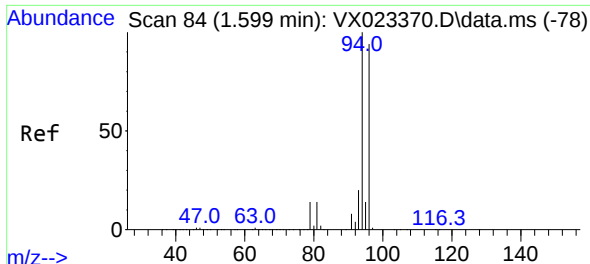
Tgt Ion:168 Resp: 145453
Ion Ratio Lower Upper
168 100
99 56.4 45.8 68.6



#3
Chloromethane
Concen: 0.43 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX023604.D
Acq: 09 Aug 2021 11:10

Tgt Ion: 50 Resp: 673
Ion Ratio Lower Upper
50 100
52 43.2 26.4 39.6#

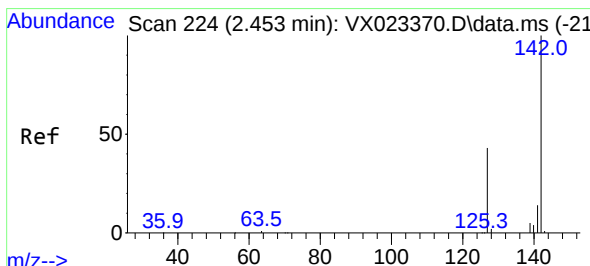
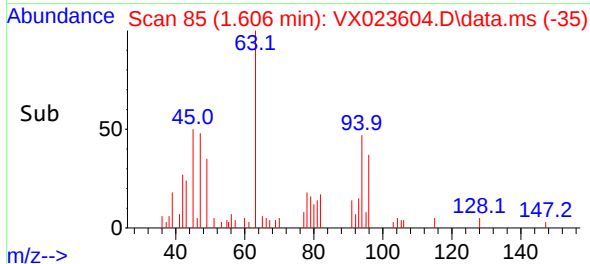
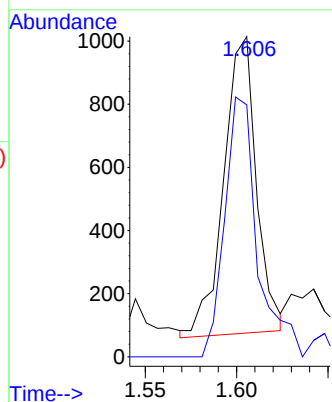
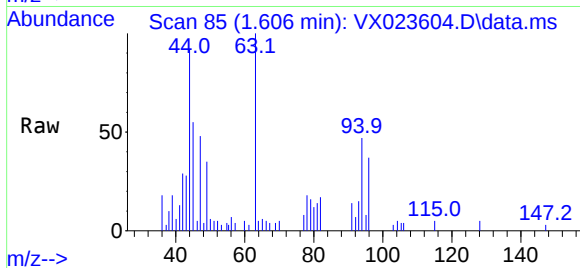




#5
Bromomethane
Concen: 1.25 ug/l
RT: 1.606 min Scan# 85
Delta R.T. 0.007 min
Lab File: VX023604.D
Acq: 09 Aug 2021 11:10

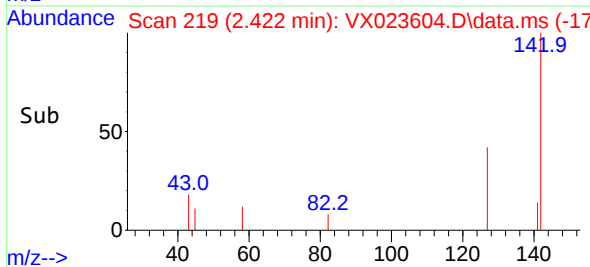
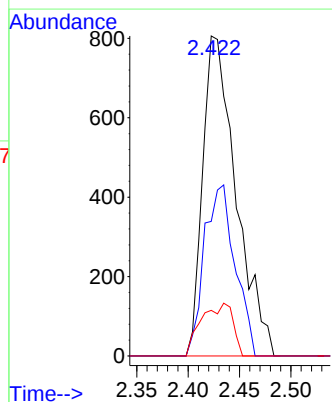
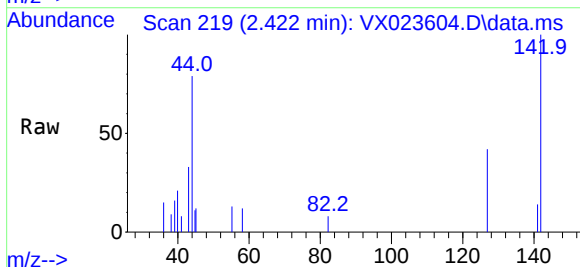
Instrument :
MSVOA_X
ClientSampled :

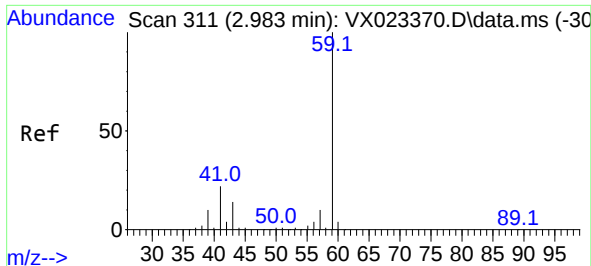
Tgt Ion: 94 Resp: 1174
Ion Ratio Lower Upper
94 100
96 85.7 76.4 114.6



#10
Methyl Iodide
Concen: 1.01 ug/l
RT: 2.422 min Scan# 219
Delta R.T. -0.031 min
Lab File: VX023604.D
Acq: 09 Aug 2021 11:10

Tgt Ion: 142 Resp: 1824
Ion Ratio Lower Upper
142 100
127 49.1 33.3 49.9
141 15.6 11.4 17.0



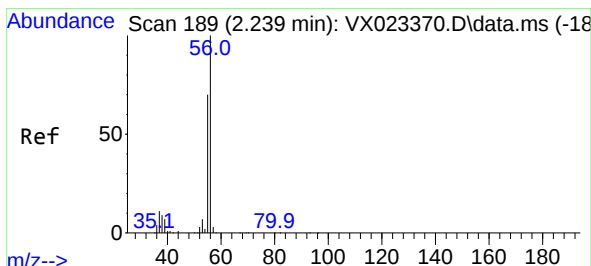
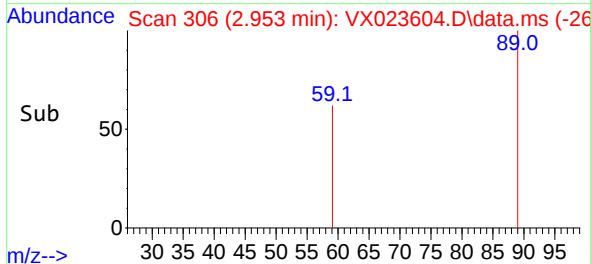
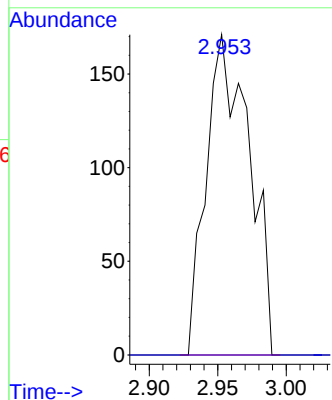
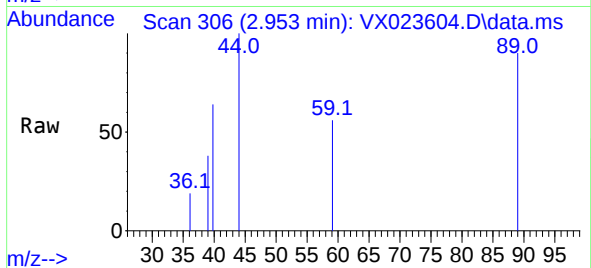


#11

Tert butyl alcohol
Concen: 0.90 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023604.D
Acq: 09 Aug 2021 11:10

Instrument :
MSVOA_X
ClientSampled :

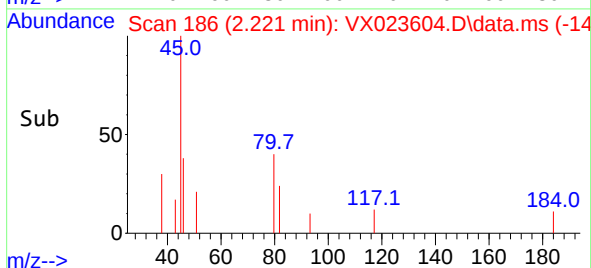
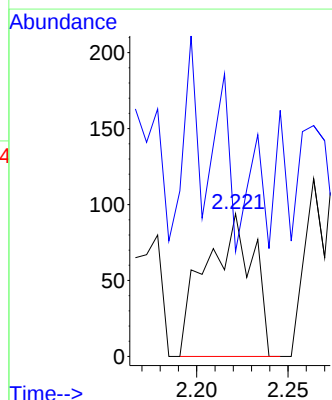
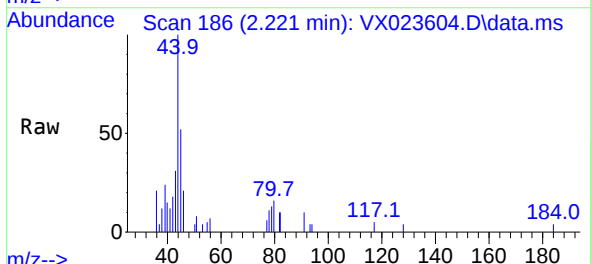
Tgt Ion: 59 Resp: 375
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

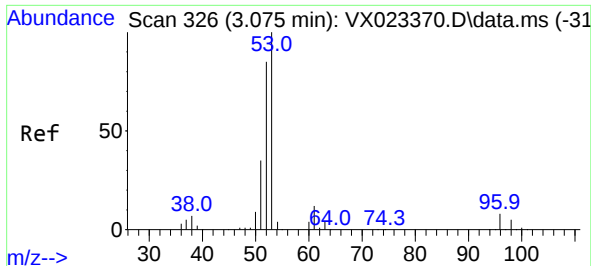


#13

Acrolein
Concen: 2.16 ug/l
RT: 2.221 min Scan# 186
Delta R.T. -0.018 min
Lab File: VX023604.D
Acq: 09 Aug 2021 11:10

Tgt Ion: 56 Resp: 169
Ion Ratio Lower Upper
56 100
55 36.1 56.4 84.6#

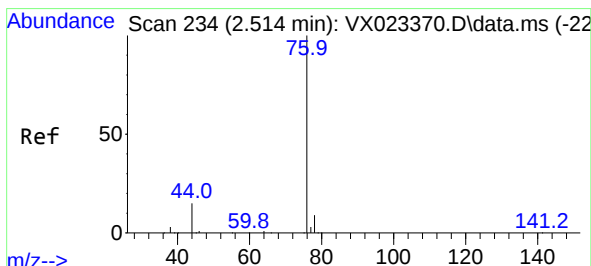
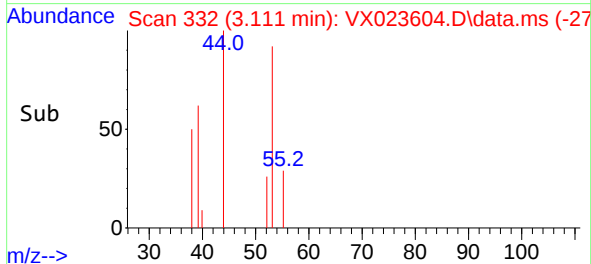
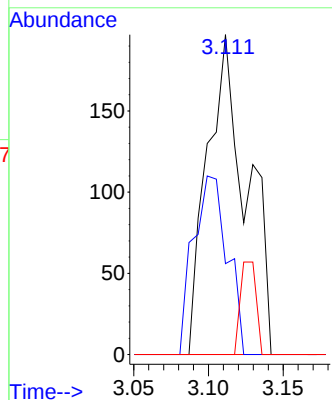
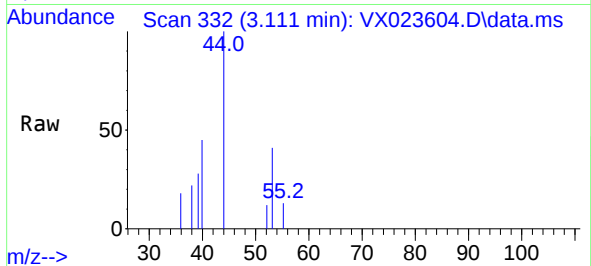




#15
Acrylonitrile
Concen: 0.38 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.036 min
Lab File: VX023604.D
Acq: 09 Aug 2021 11:10

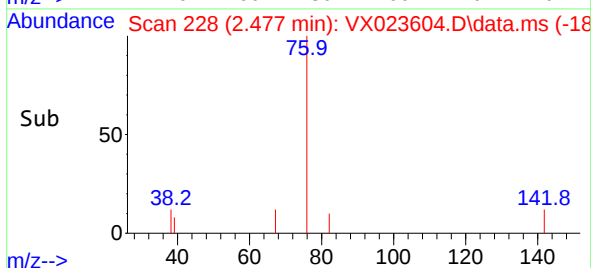
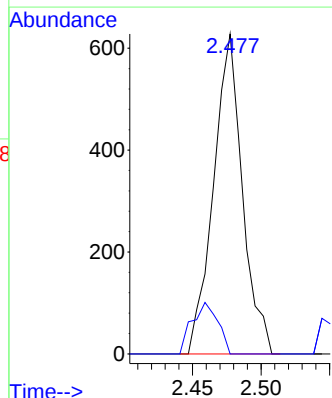
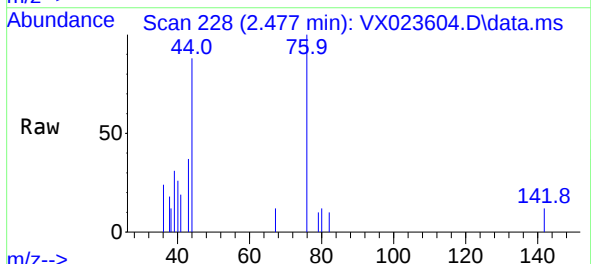
Instrument :
MSVOA_X
ClientSampled :

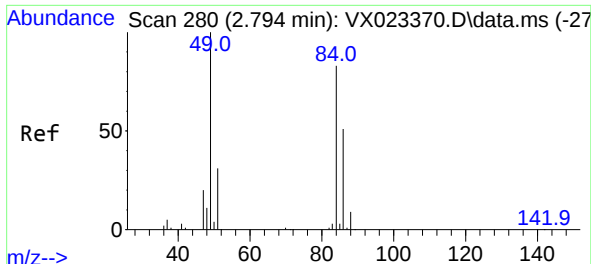
Tgt Ion: 53 Resp: 360
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 11.7 28.2 42.2#



#17
Carbon Disulfide
Concen: 0.26 ug/l
RT: 2.477 min Scan# 228
Delta R.T. -0.037 min
Lab File: VX023604.D
Acq: 09 Aug 2021 11:10

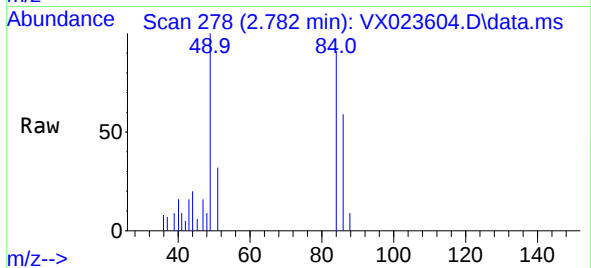
Tgt Ion: 76 Resp: 922
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





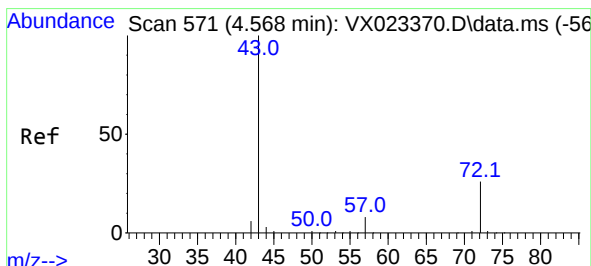
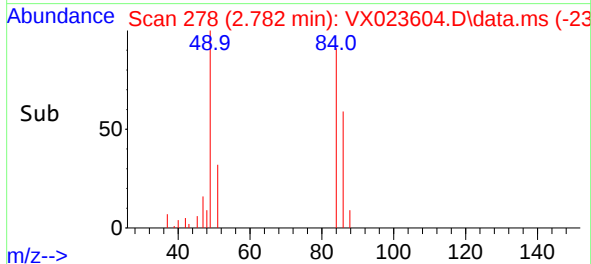
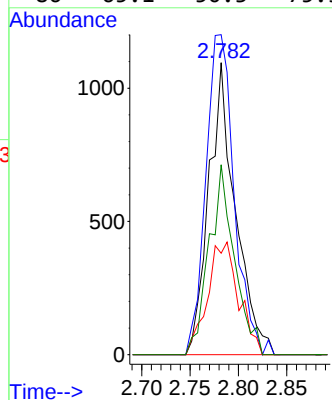
#20
Methylene Chloride
Concen: 1.21 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.012 min
Lab File: VX023604.D
Acq: 09 Aug 2021 11:10

Instrument :
MSVOA_X
ClientSampled :



Tgt Ion: 84 Resp: 2103

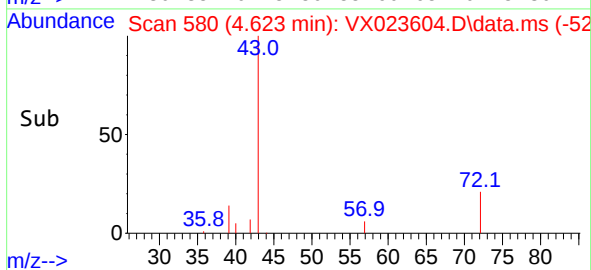
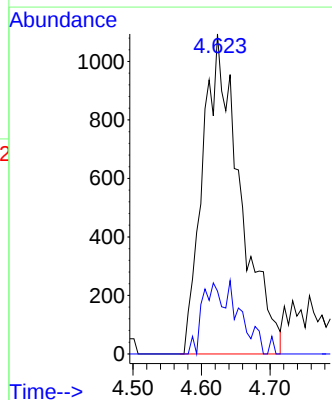
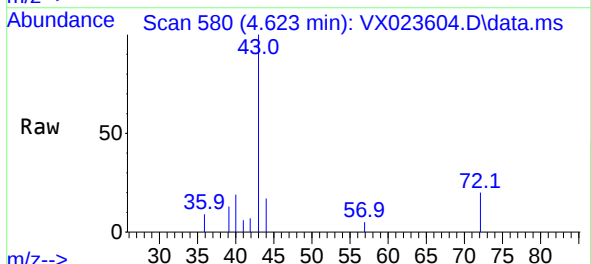
Ion	Ratio	Lower	Upper
84	100		
49	109.6	88.6	132.8
51	34.8	27.0	40.6
86	65.1	50.3	75.5

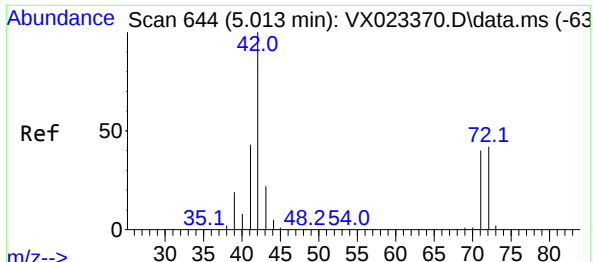


#25
2-Butanone
Concen: 3.01 ug/l
RT: 4.623 min Scan# 580
Delta R.T. 0.055 min
Lab File: VX023604.D
Acq: 09 Aug 2021 11:10

Tgt Ion: 43 Resp: 4161

Ion	Ratio	Lower	Upper
43	100		
72	19.7	23.7	35.5#



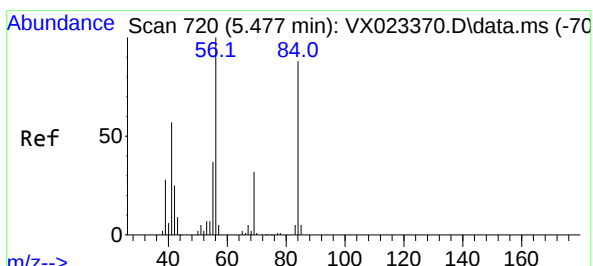
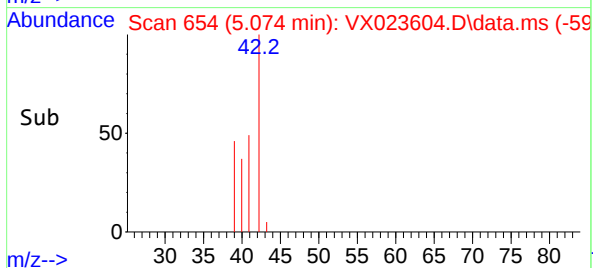
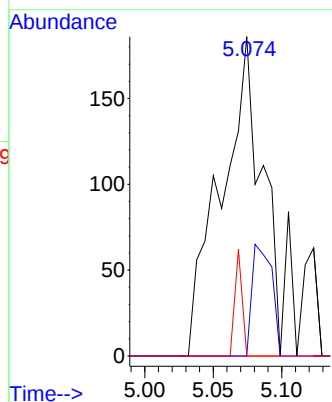
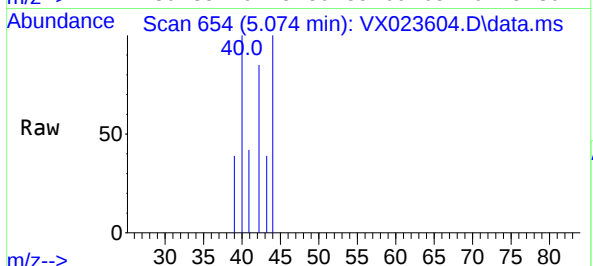


#29
Tetrahydrofuran
Concen: 0.42 ug/l
RT: 5.074 min Scan# 654
Delta R.T. 0.061 min
Lab File: VX023604.D
Acq: 09 Aug 2021 11:10

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 42 Resp: 384

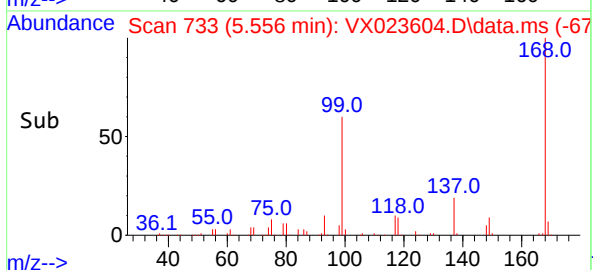
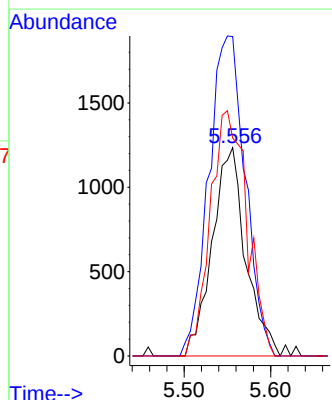
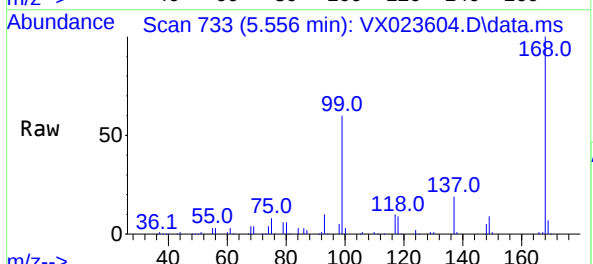
Ion	Ratio	Lower	Upper
42	100		
72	16.7	41.7	62.5#
71	6.0	38.4	57.6#

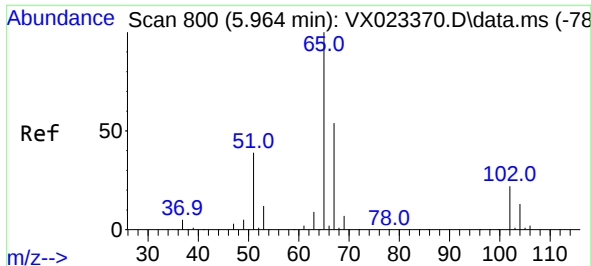


#31
Cyclohexane
Concen: 1.23 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023604.D
Acq: 09 Aug 2021 11:10

Tgt Ion: 56 Resp: 3314

Ion	Ratio	Lower	Upper
56	100		
69	153.3	25.3	37.9#
84	104.5	71.4	107.0

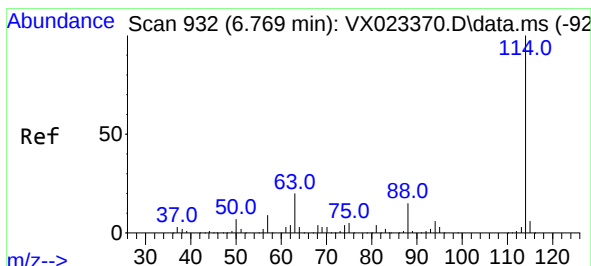
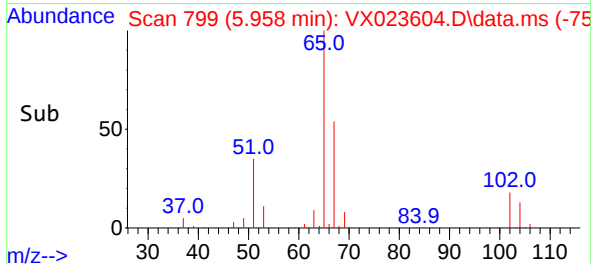
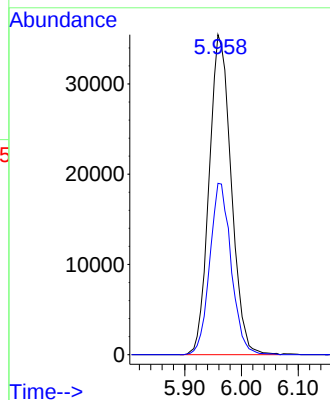
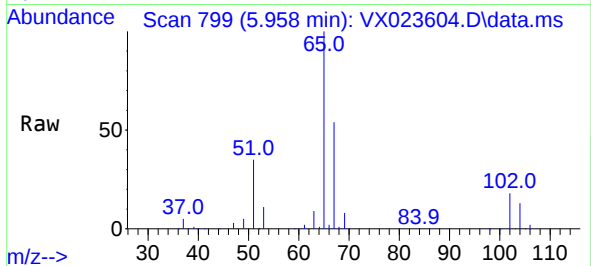




#33
1,2-Dichloroethane-d4
Concen: 52.90 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX023604.D
Acq: 09 Aug 2021 11:10

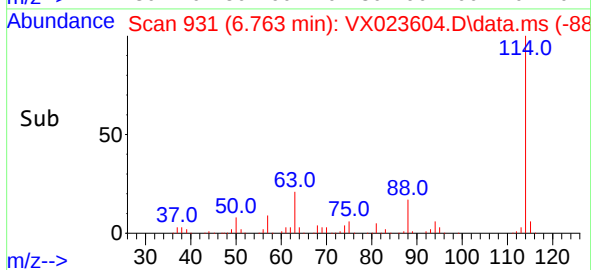
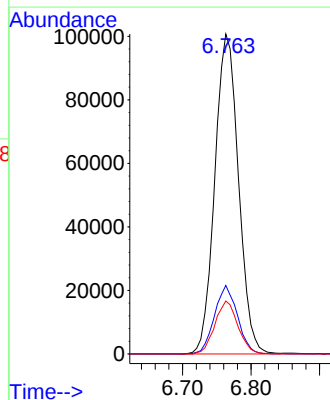
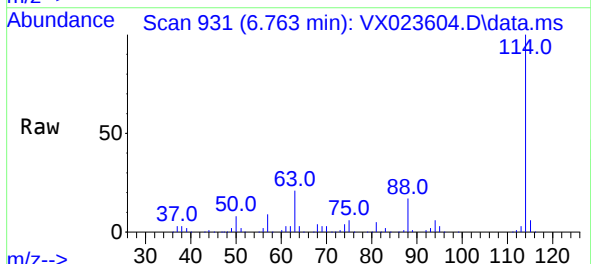
Instrument :
MSVOA_X
ClientSampled :

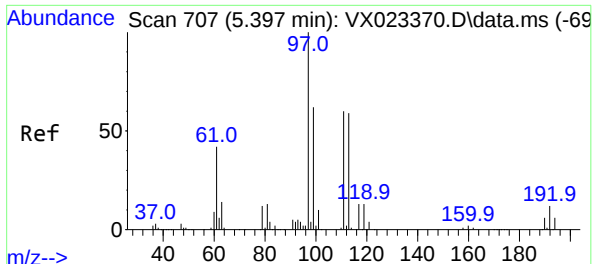
Tgt Ion: 65 Resp: 95978
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX023604.D
Acq: 09 Aug 2021 11:10

Tgt Ion: 114 Resp: 241271
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.8
88 16.5 0.0 32.8

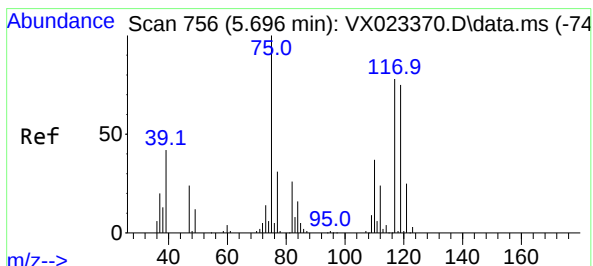
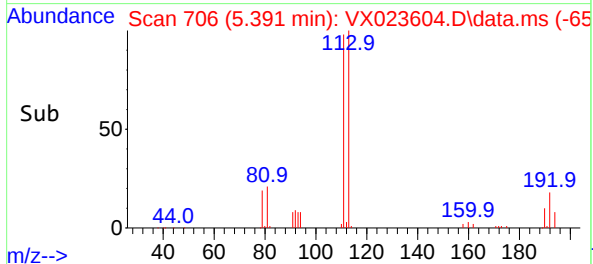
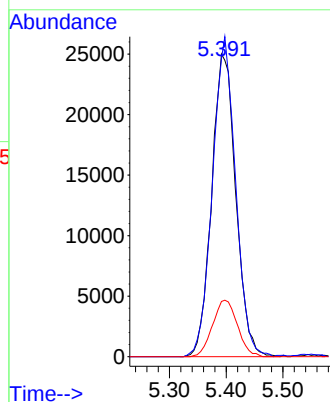
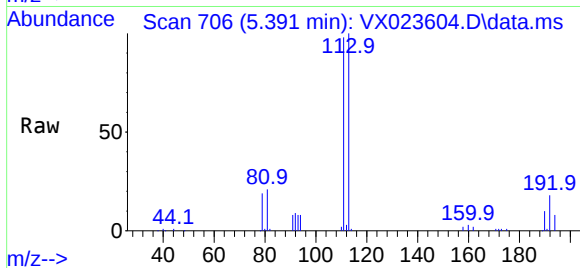




#35
Dibromofluoromethane
Concen: 49.04 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX023604.D
Acq: 09 Aug 2021 11:10

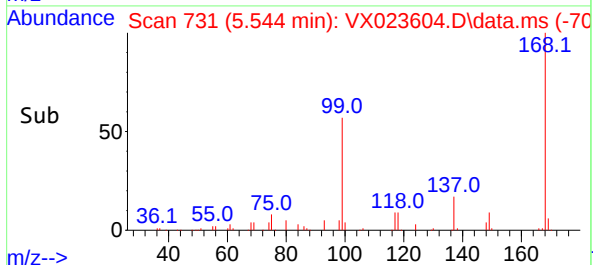
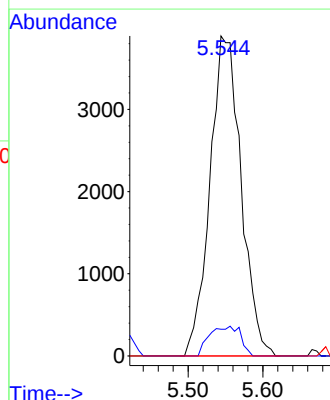
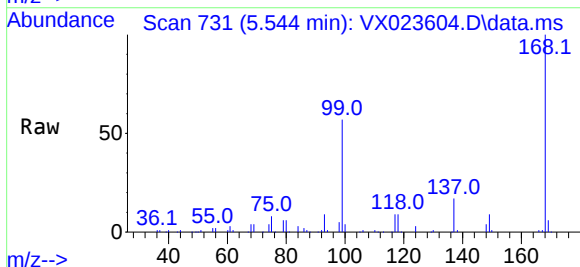
Instrument :
MSVOA_X
ClientSampled :

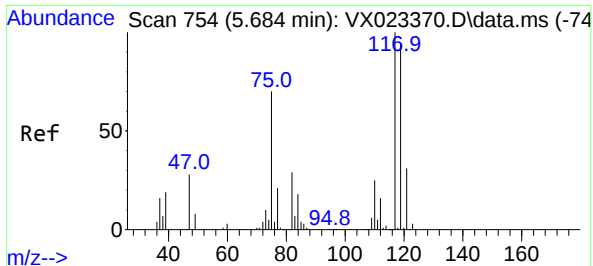
Tgt Ion:113 Resp: 73986
Ion Ratio Lower Upper
113 100
111 101.3 81.9 122.9
192 19.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.17 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.152 min
Lab File: VX023604.D
Acq: 09 Aug 2021 11:10

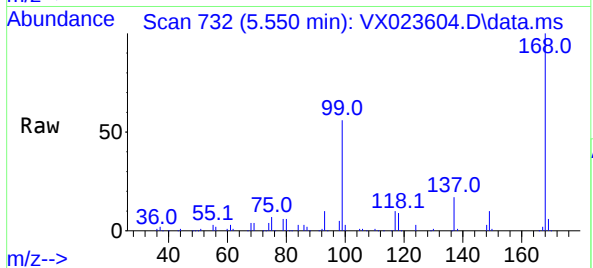
Tgt Ion: 75 Resp: 11274
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.4#
77 0.0 25.3 37.9#



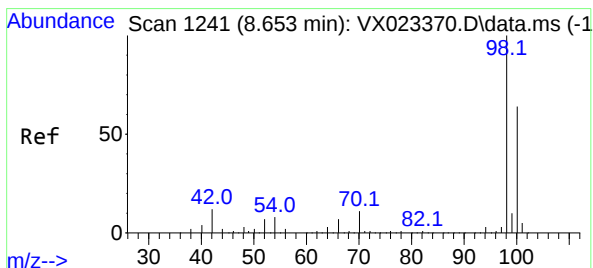
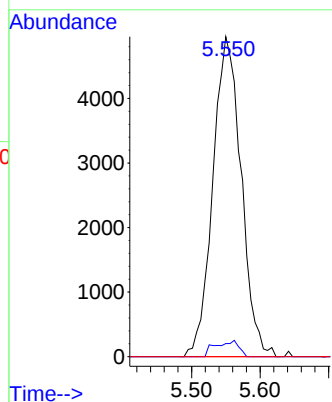
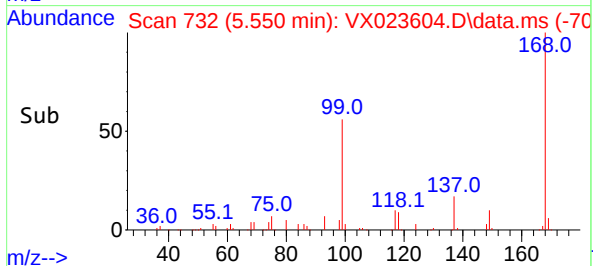


#38
Carbon Tetrachloride
Concen: 6.40 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX023604.D
Acq: 09 Aug 2021 11:10

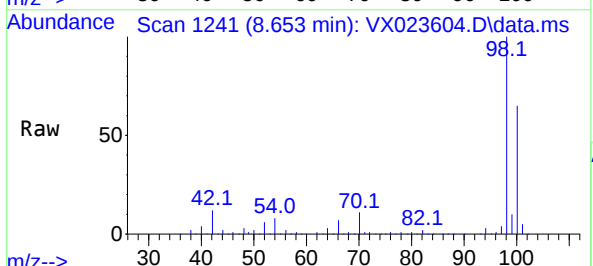
Instrument :
MSVOA_X
ClientSampled :



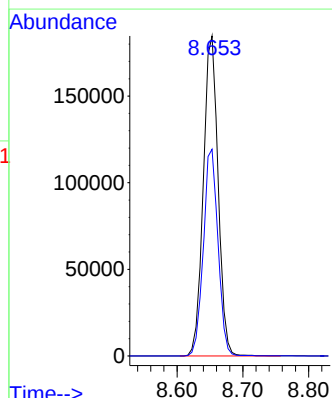
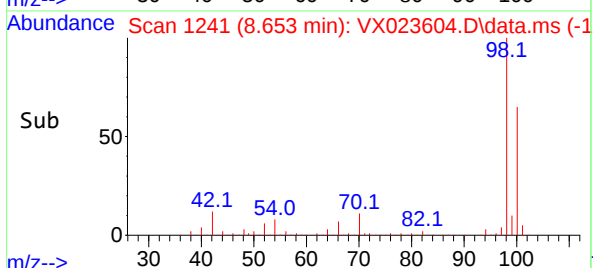
Tgt Ion:117 Resp: 14207
Ion Ratio Lower Upper
117 100
119 4.1 76.2 114.2#
121 0.0 24.8 37.2#

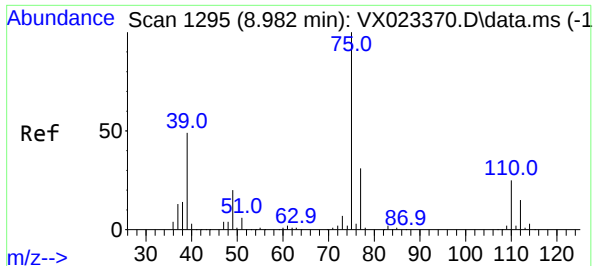


#50
Toluene-d8
Concen: 52.09 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX023604.D
Acq: 09 Aug 2021 11:10



Tgt Ion: 98 Resp: 288680
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9

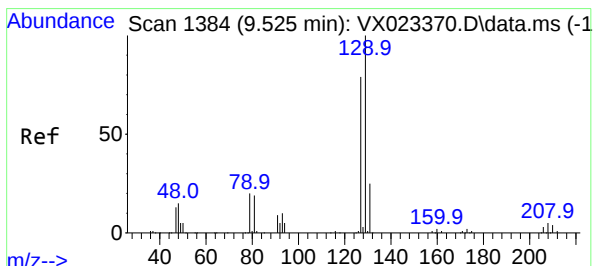
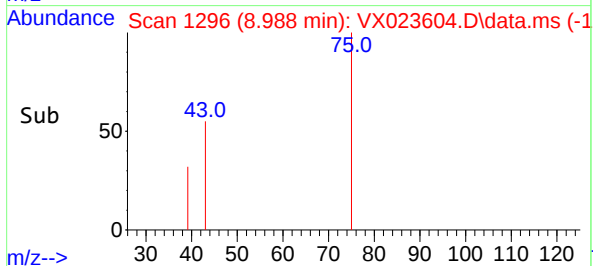
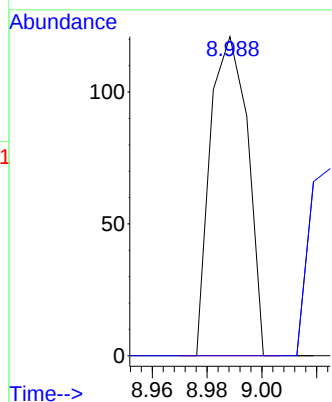
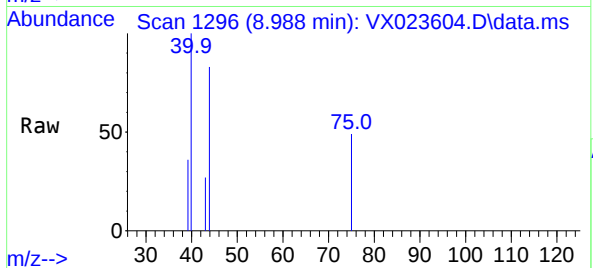




#53
t-1,3-Dichloropropene
Concen: 1.86 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX023604.D
Acq: 09 Aug 2021 11:10

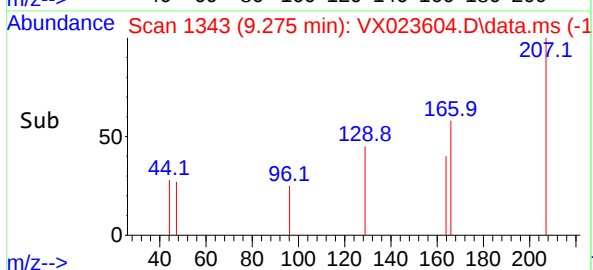
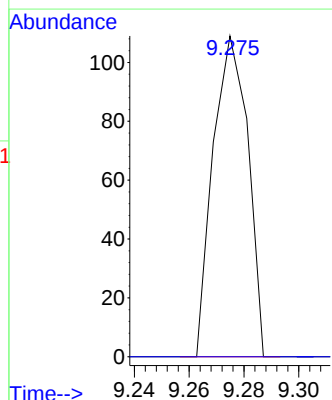
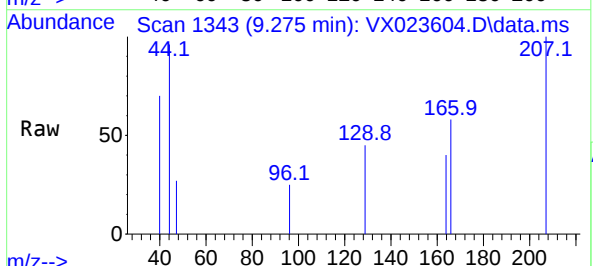
Instrument :
MSVOA_X
ClientSampled :

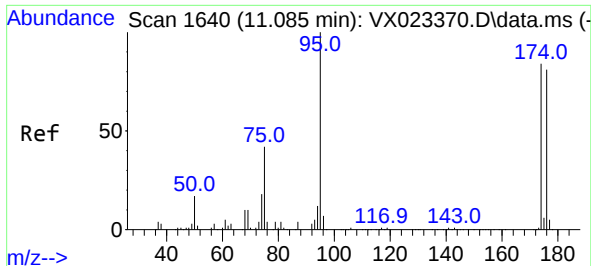
Tgt Ion: 75 Resp: 115
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#



#60
Dibromochloromethane
Concen: 2.03 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023604.D
Acq: 09 Aug 2021 11:10

Tgt Ion: 129 Resp: 96
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

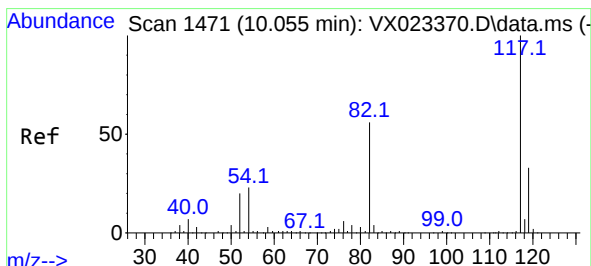
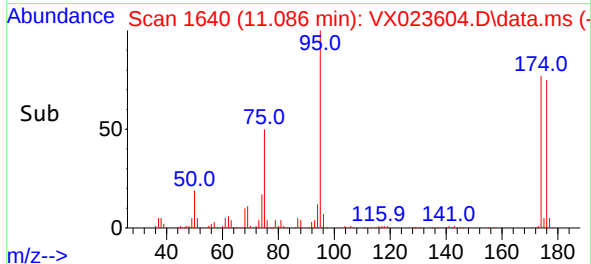
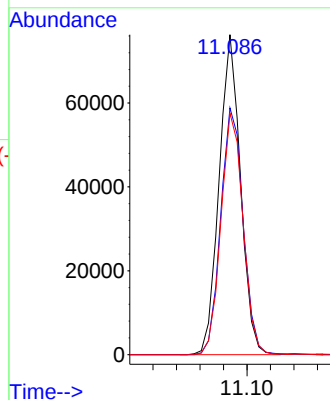
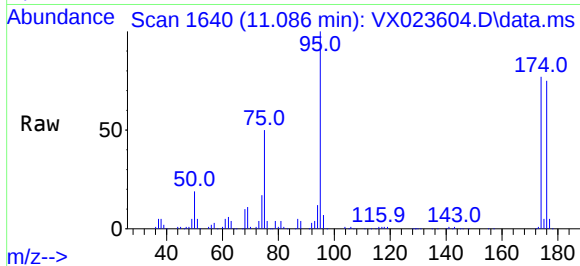




#62
4-Bromofluorobenzene
Concen: 51.14 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.001 min
Lab File: VX023604.D
Acq: 09 Aug 2021 11:10

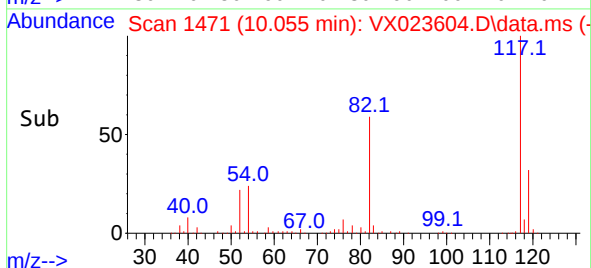
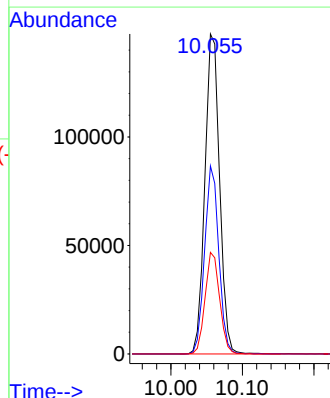
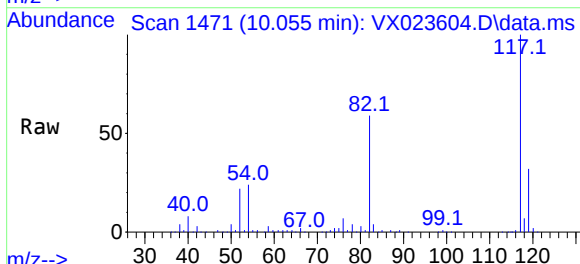
Instrument :
MSVOA_X
ClientSampled :

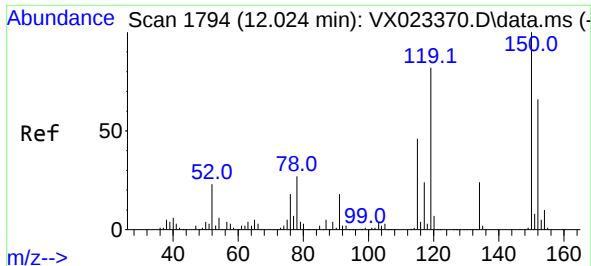
Tgt Ion: 95 Resp: 96386
Ion Ratio Lower Upper
95 100
174 80.7 0.0 154.6
176 77.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023604.D
Acq: 09 Aug 2021 11:10

Tgt Ion: 117 Resp: 210766
Ion Ratio Lower Upper
117 100
82 58.7 47.4 71.2
119 31.7 26.6 39.8

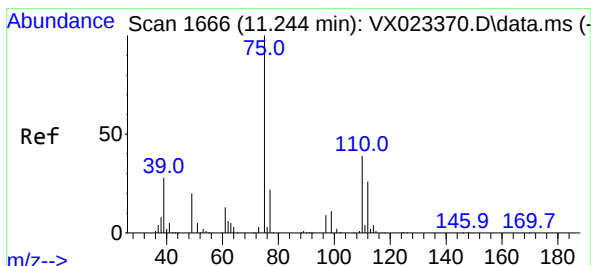
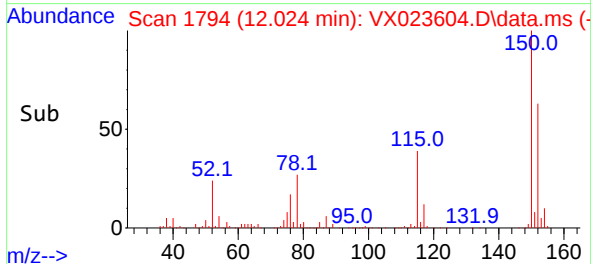
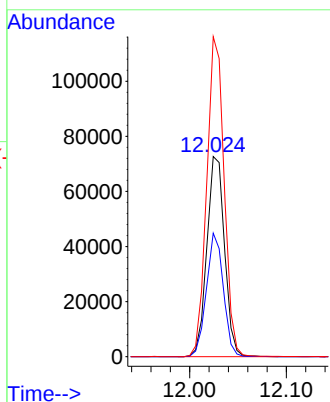
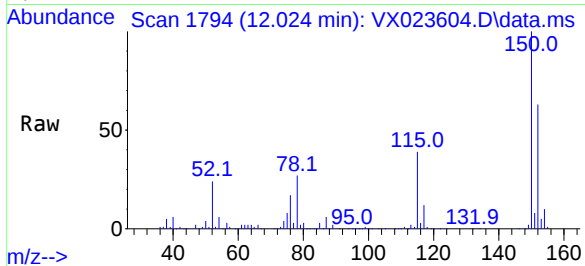




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023604.D
Acq: 09 Aug 2021 11:10

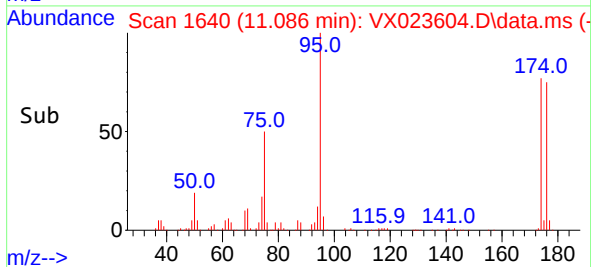
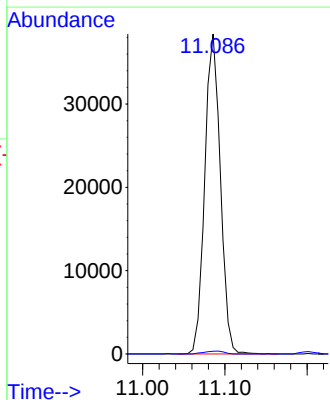
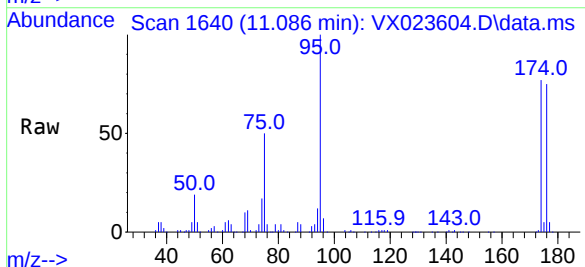
Instrument :
MSVOA_X
ClientSampled :

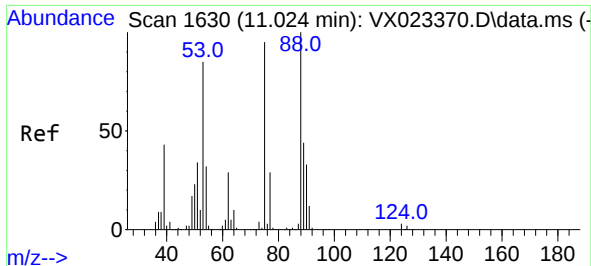
Tgt Ion:152 Resp: 92620
Ion Ratio Lower Upper
152 100
115 59.2 41.1 123.3
150 157.3 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.84 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX023604.D
Acq: 09 Aug 2021 11:10

Tgt Ion: 75 Resp: 50625
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

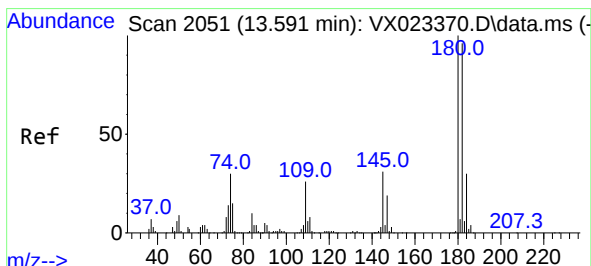
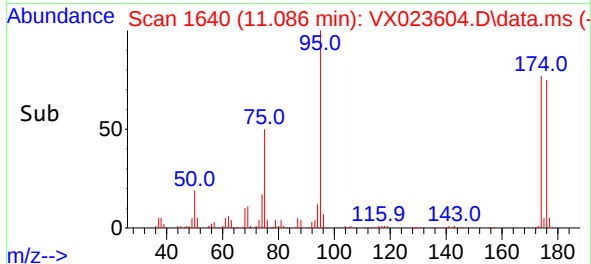
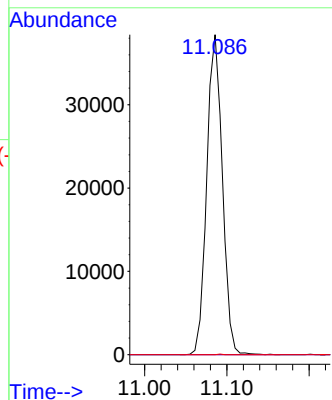
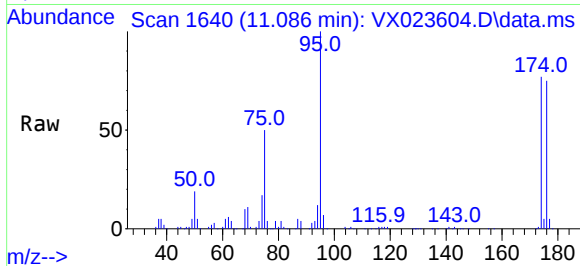




#81
trans-1,4-Dichloro-2-butene
Concen: 66.79 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.062 min
Lab File: VX023604.D
Acq: 09 Aug 2021 11:10

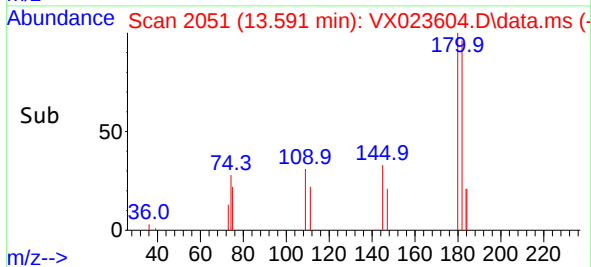
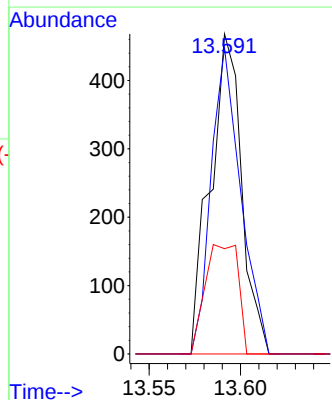
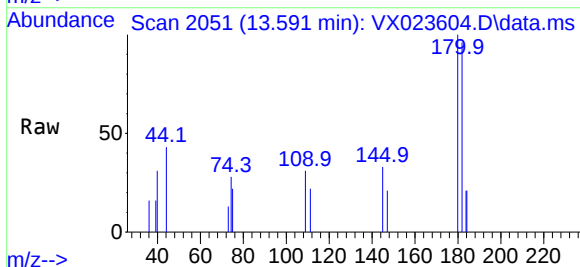
Instrument :
MSVOA_X
ClientSampled :

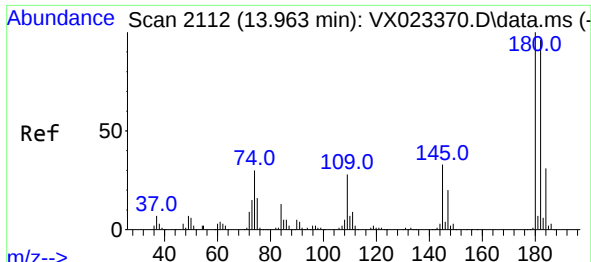
Tgt Ion: 75 Resp: 50625
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#



#93
1,2,4-Trichlorobenzene
Concen: 0.29 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX023604.D
Acq: 09 Aug 2021 11:10

Tgt Ion:180 Resp: 559
Ion Ratio Lower Upper
180 100
182 90.7 47.7 143.1
145 36.1 15.0 45.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.25 ug/l
 RT: 13.957 min Scan# 2111
 Delta R.T. -0.006 min
 Lab File: VX023604.D
 Acq: 09 Aug 2021 11:10

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion:180	Resp:	482
Ion	Ratio	Lower Upper
180	100	
182	101.9	47.6 142.9
145	14.9	16.1 48.3#

