

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081821\
 Data File : VX023806.D
 Acq On : 18 Aug 2021 10:56
 Operator : JC/MD
 Sample : VX0817WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 18 13:40:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

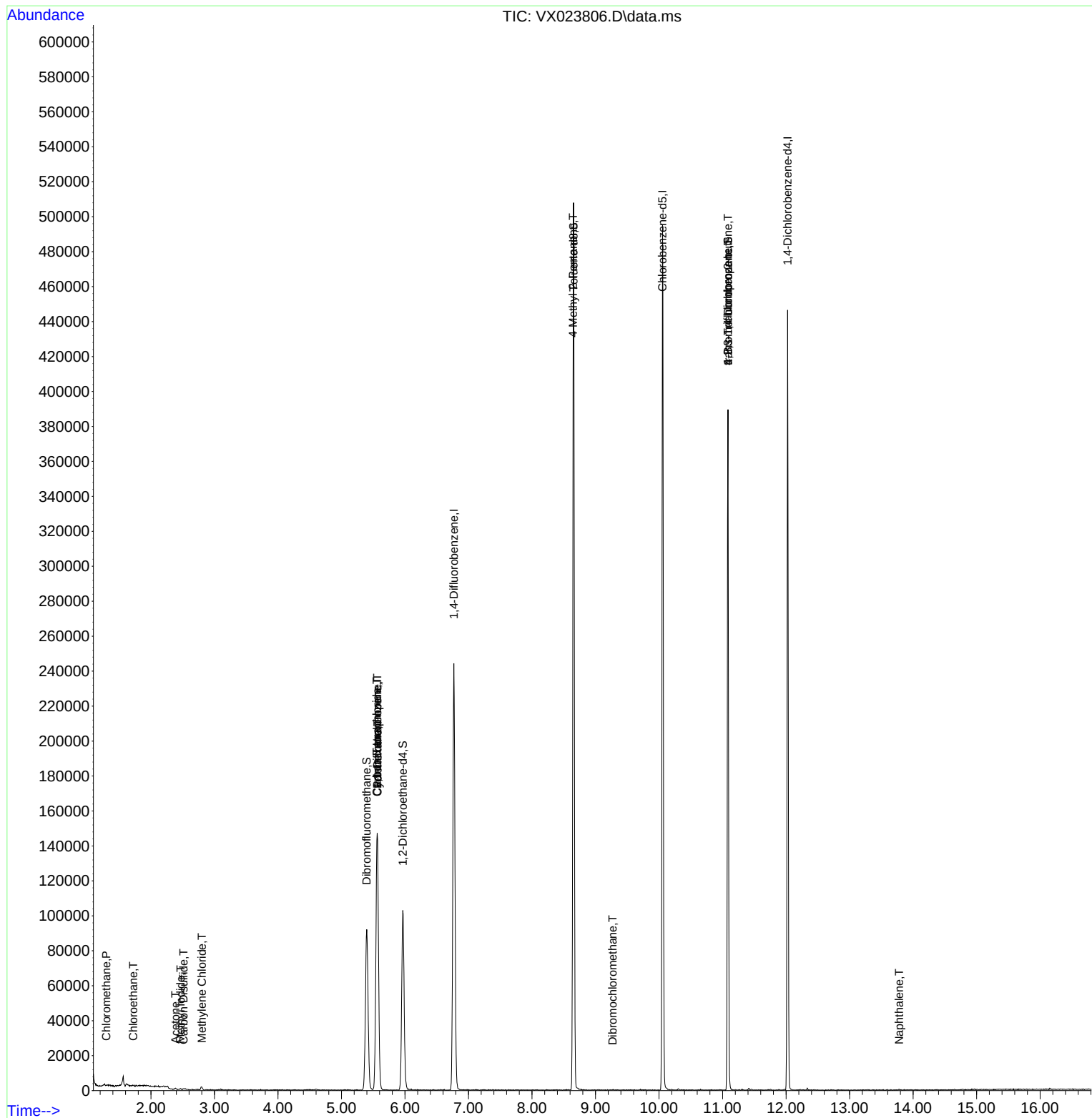
Internal Standards						
1) Pentafluorobenzene	5.562	168	141227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	239825	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	99055	50.254	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.500%
35) Dibromofluoromethane	5.397	113	78264	49.305	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.620%
50) Toluene-d8	8.653	98	295536	48.918	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.840%
62) 4-Bromofluorobenzene	11.085	95	94539	42.508	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.020%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	341	0.208	ug/l #	42
6) Chloroethane	1.721	64	72	2.269	ug/l #	43
10) Methyl Iodide	2.465	142	674	0.341	ug/l #	87
16) Acetone	2.386	43	751	0.852	ug/l #	69
17) Carbon Disulfide	2.514	76	849	0.263	ug/l #	75
20) Methylene Chloride	2.800	84	814	0.484	ug/l #	84
31) Cyclohexane	5.568	56	3417	1.349	ug/l #	41
36) 1,1-Dichloropropene	5.562	75	11115	5.005	ug/l #	49
38) Carbon Tetrachloride	5.556	117	14734	6.362	ug/l #	19
51) 4-Methyl-2-Pentanone	8.647	43	1647	0.597	ug/l #	1
60) Dibromochloromethane	9.269	129	27	1.701	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	52290	25.908	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	52290	76.210	ug/l #	12
95) Naphthalene	13.780	128	368	1.339	ug/l #	69

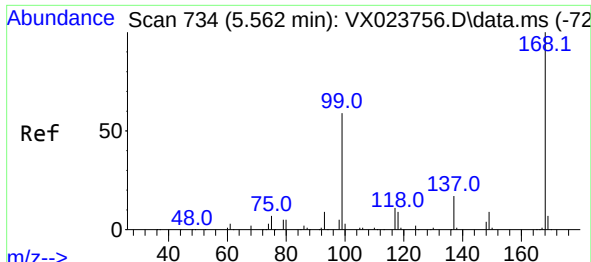
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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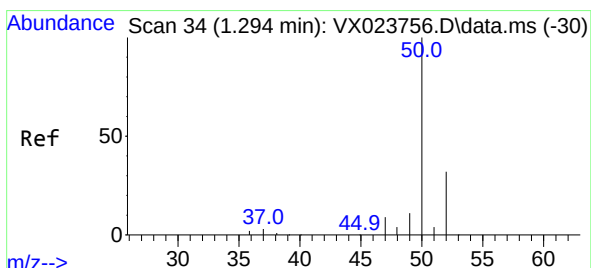
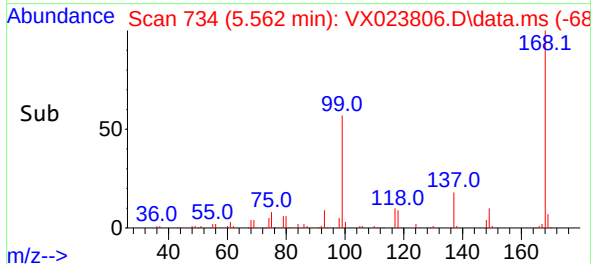
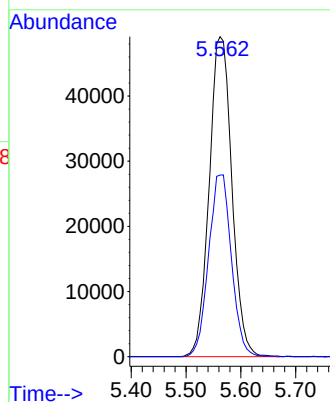
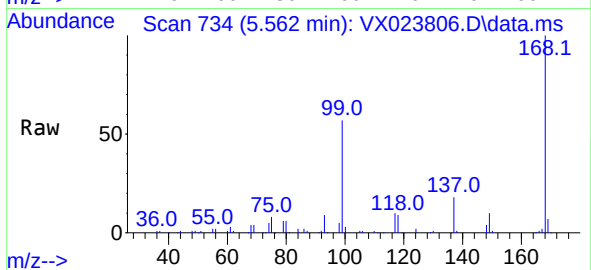




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023806.D
Acq: 18 Aug 2021 10:56

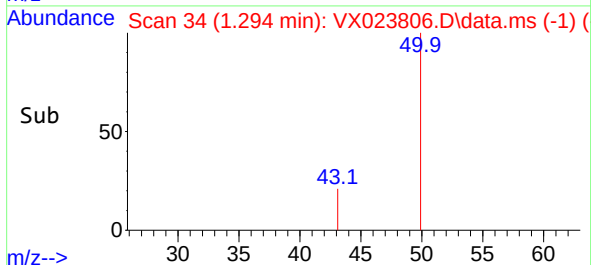
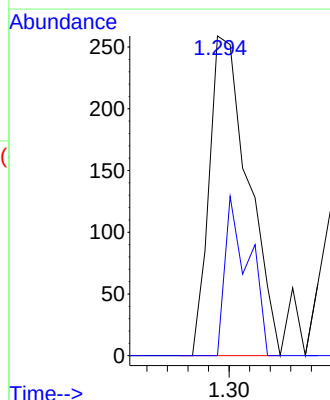
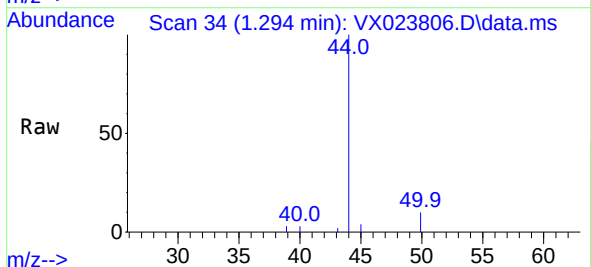
Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:168 Resp: 141227
Ion Ratio Lower Upper
168 100
99 56.7 45.8 68.6

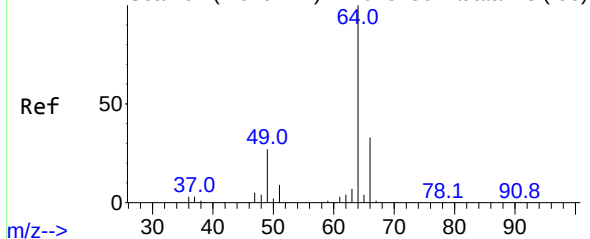


#3
Chloromethane
Concen: 0.208 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023806.D
Acq: 18 Aug 2021 10:56

Tgt Ion: 50 Resp: 341
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

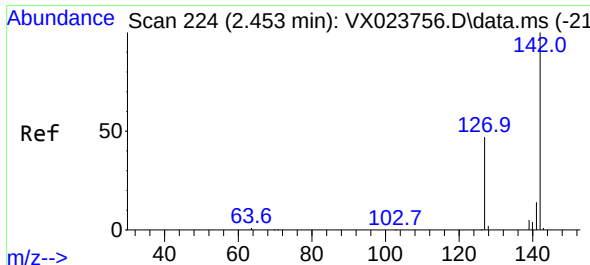
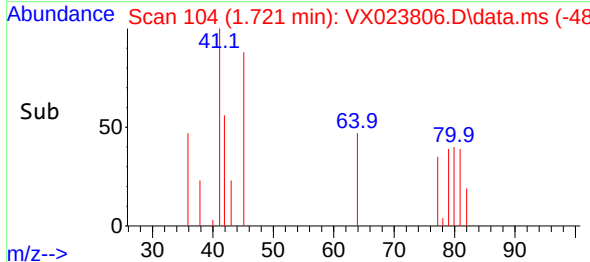
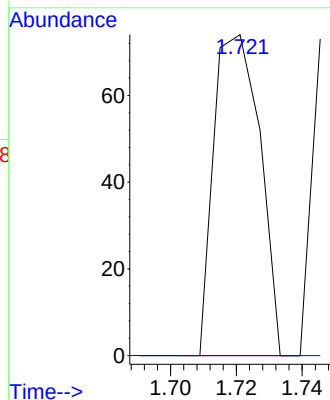
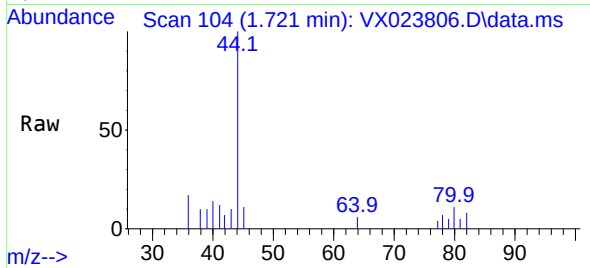


Abundance Scan 97 (1.679 min): VX023756.D\data.ms (-90)



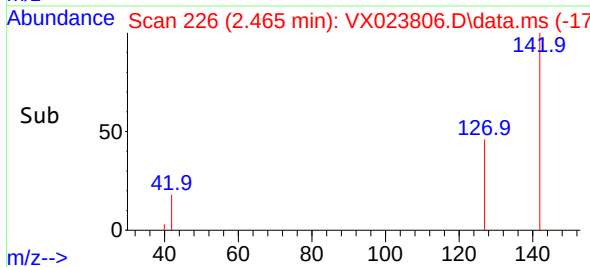
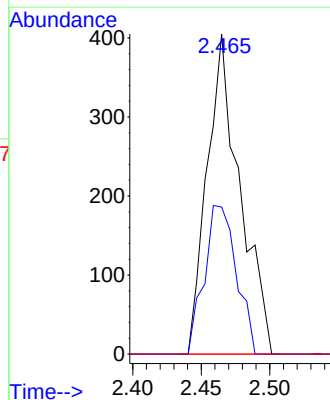
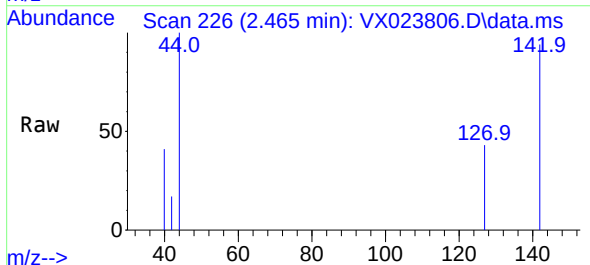
#6
Chloroethane
Concen: 2.269 ug/l
RT: 1.721 min Scan# 104
Delta R.T. 0.042 min
Lab File: VX023806.D
Acq: 18 Aug 2021 10:56

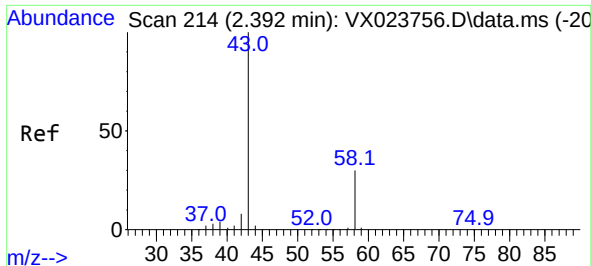
Tgt Ion: 64 Resp: 72
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.341 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023806.D
Acq: 18 Aug 2021 10:56

Tgt Ion: 142 Resp: 674
Ion Ratio Lower Upper
142 100
127 45.4 33.3 49.9
141 0.0 11.4 17.0#

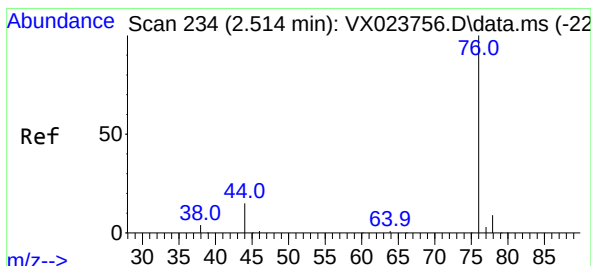
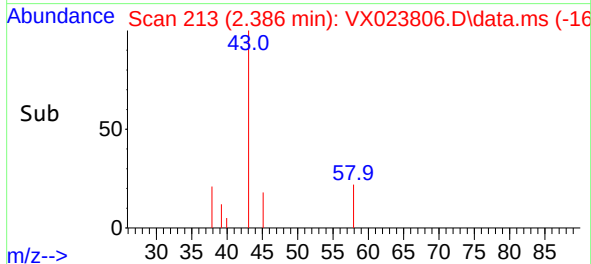
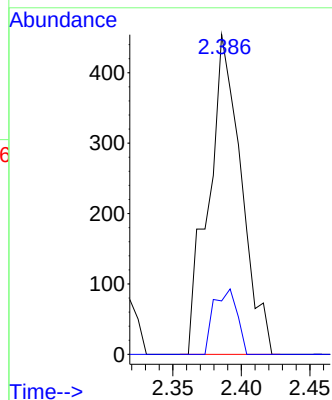
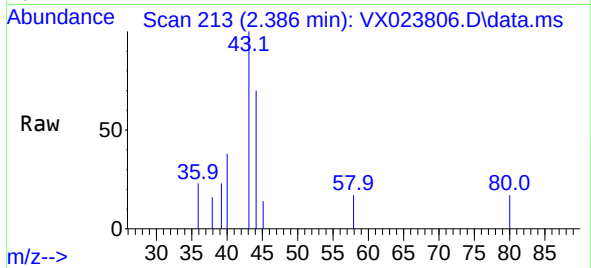




#16
Acetone
Concen: 0.852 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023806.D
Acq: 18 Aug 2021 10:56

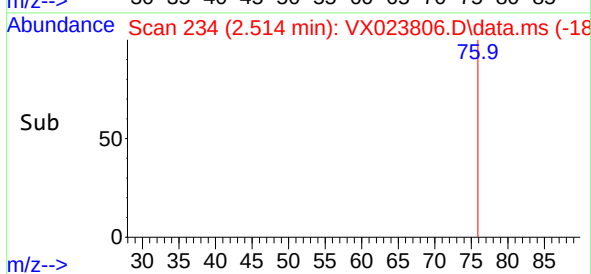
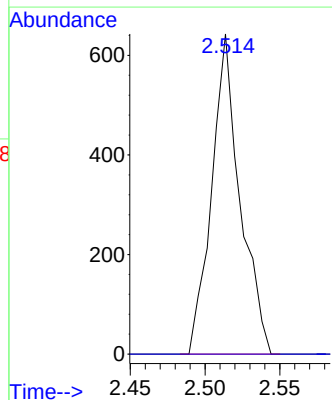
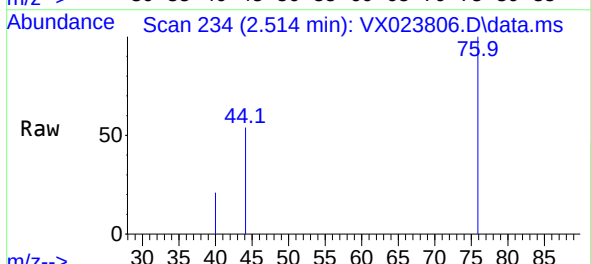
Instrument :
MSVOA_X
ClientSampled :

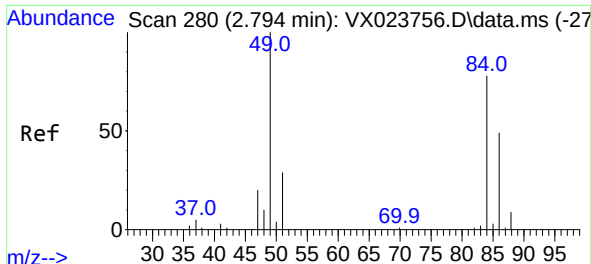
Tgt Ion: 43 Resp: 751
Ion Ratio Lower Upper
43 100
58 16.7 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.263 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023806.D
Acq: 18 Aug 2021 10:56

Tgt Ion: 76 Resp: 849
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



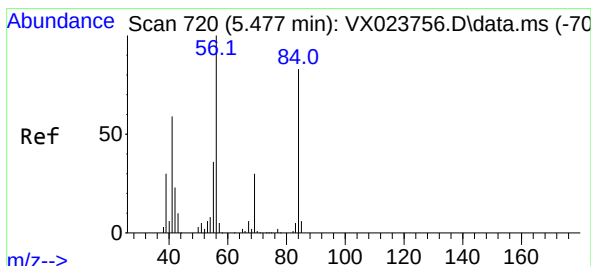
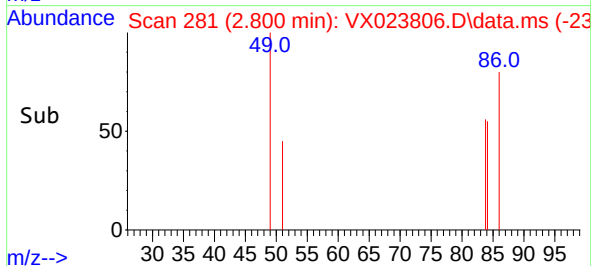
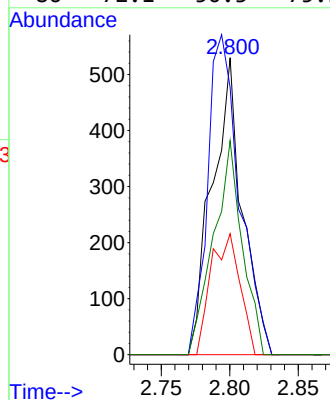
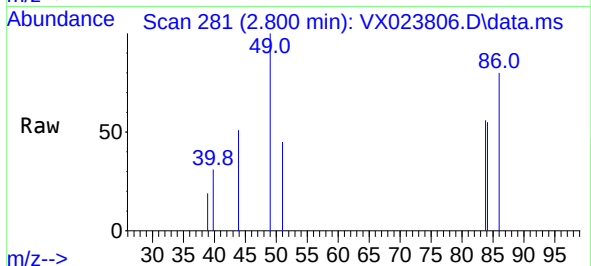


#20
Methylene Chloride
Concen: 0.484 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX023806.D
Acq: 18 Aug 2021 10:56

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 84 Resp: 814

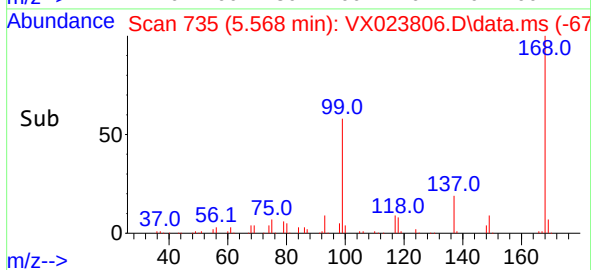
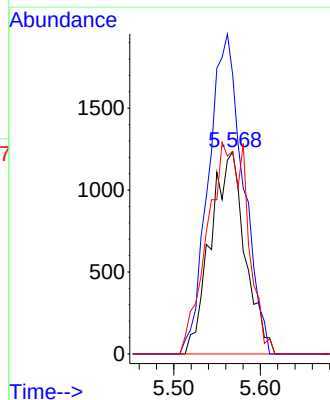
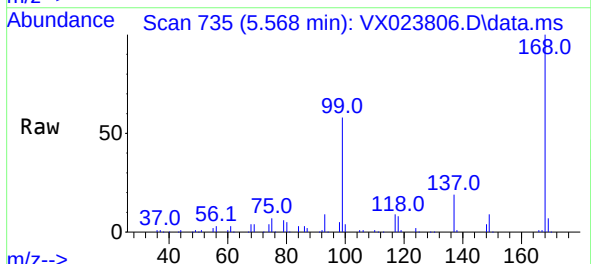
Ion	Ratio	Lower	Upper
84	100		
49	90.0	88.6	132.8
51	40.8	27.0	40.6#
86	72.1	50.3	75.5

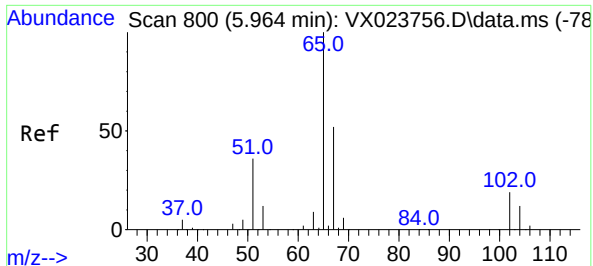


#31
Cyclohexane
Concen: 1.349 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX023806.D
Acq: 18 Aug 2021 10:56

Tgt Ion: 56 Resp: 3417

Ion	Ratio	Lower	Upper
56	100		
69	138.4	25.3	37.9#
84	100.4	71.4	107.0



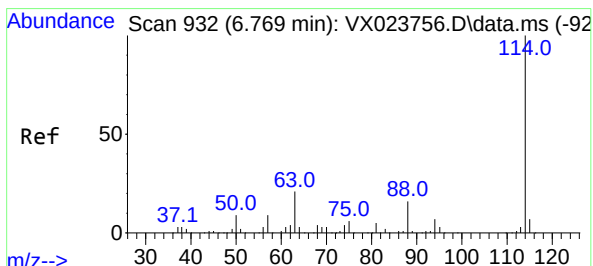
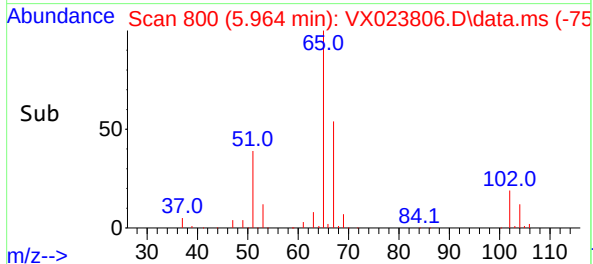
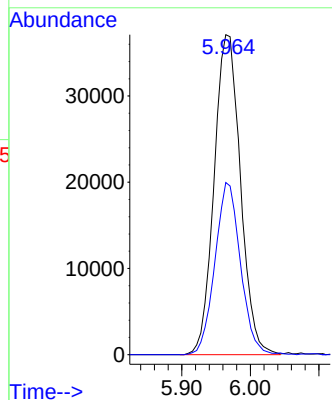
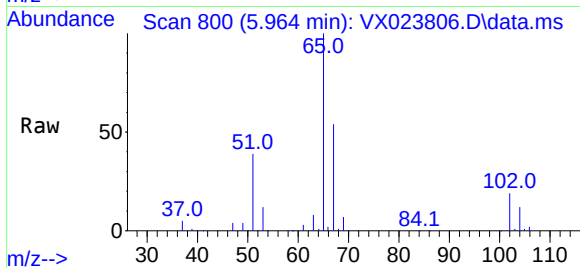


#33

1,2-Dichloroethane-d4
Concen: 50.254 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023806.D
Acq: 18 Aug 2021 10:56

Instrument :
MSVOA_X
ClientSampled :

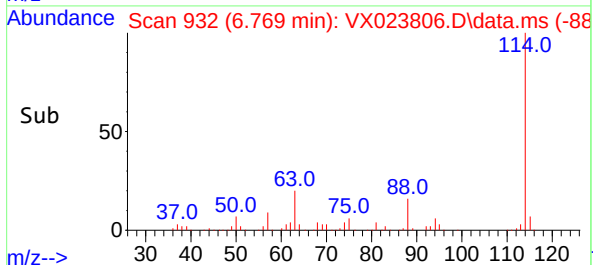
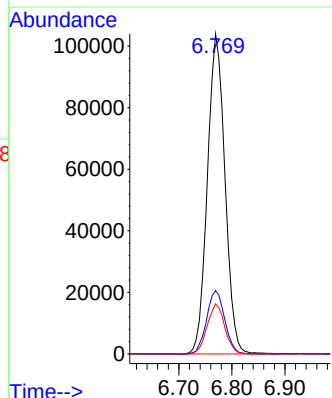
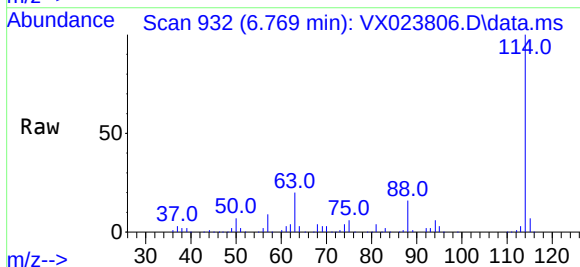
Tgt Ion: 65 Resp: 99055
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.4

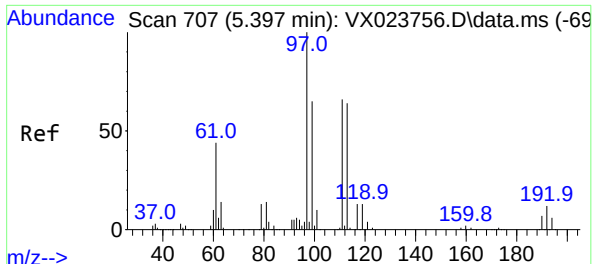


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023806.D
Acq: 18 Aug 2021 10:56

Tgt Ion: 114 Resp: 239825
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.8
88 15.7 0.0 32.8

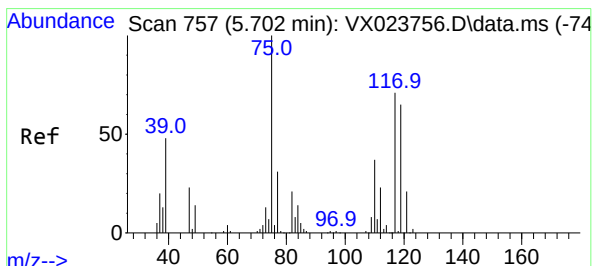
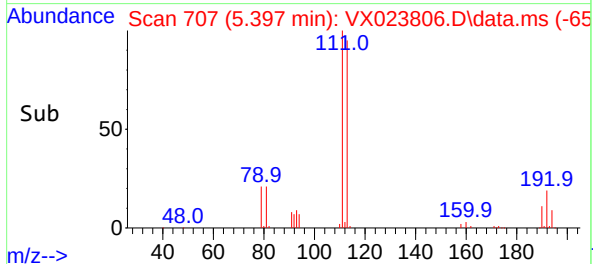
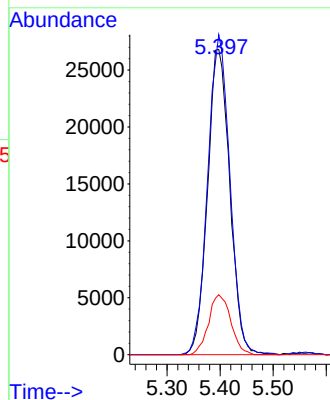
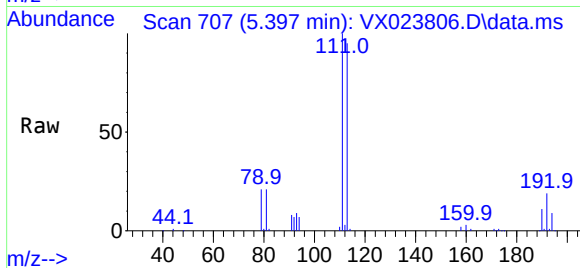




#35
Dibromofluoromethane
Concen: 49.305 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023806.D
Acq: 18 Aug 2021 10:56

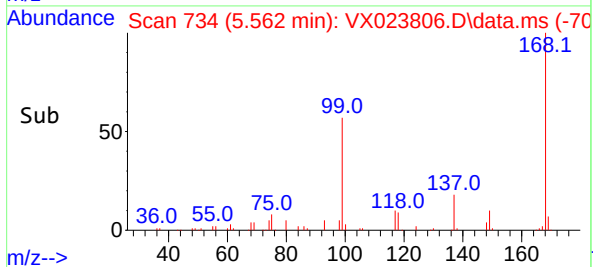
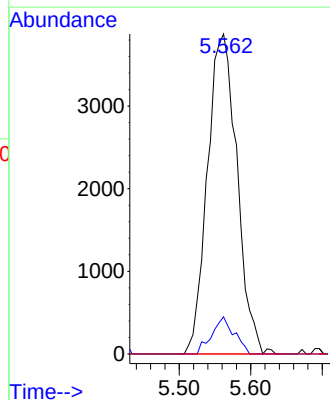
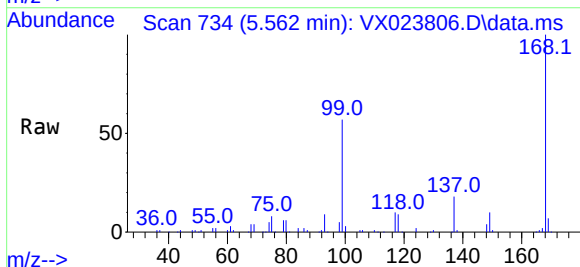
Instrument :
MSVOA_X
ClientSampled :

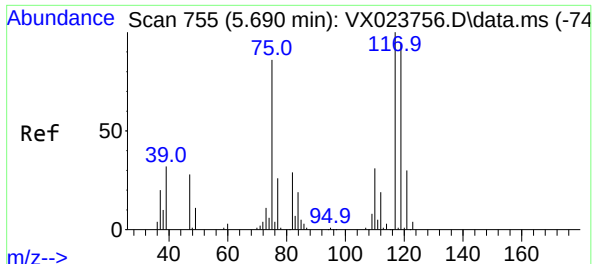
Tgt Ion:	113	Resp:	78264
Ion	Ratio	Lower	Upper
113	100		
111	104.6	81.9	122.9
192	19.6	16.7	25.1



#36
1,1-Dichloropropene
Concen: 5.005 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023806.D
Acq: 18 Aug 2021 10:56

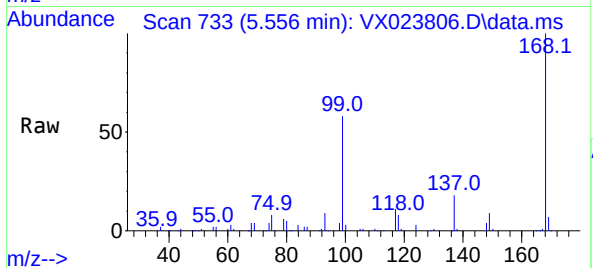
Tgt Ion:	75	Resp:	11115
Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.1	54.4#
77	0.0	25.3	37.9#



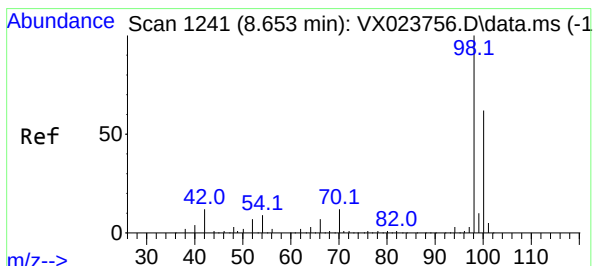
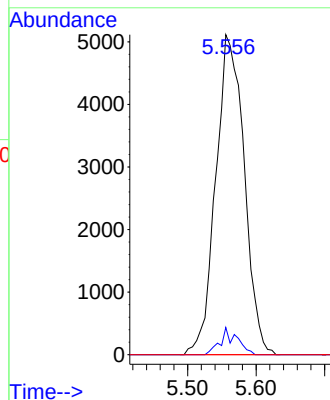
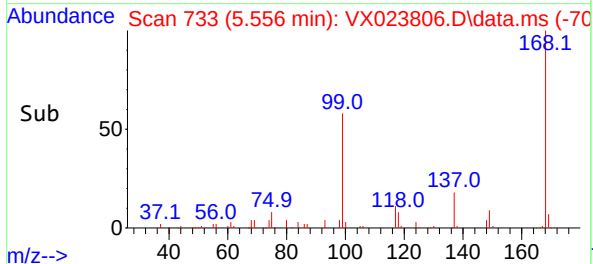


#38
Carbon Tetrachloride
Concen: 6.362 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX023806.D
Acq: 18 Aug 2021 10:56

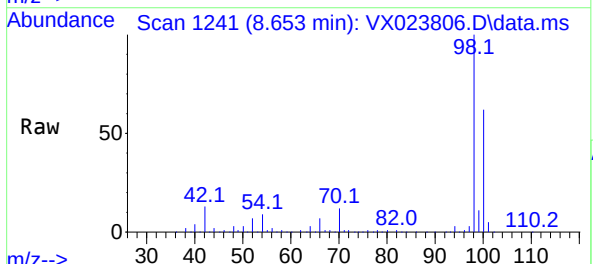
Instrument :
MSVOA_X
ClientSampled :



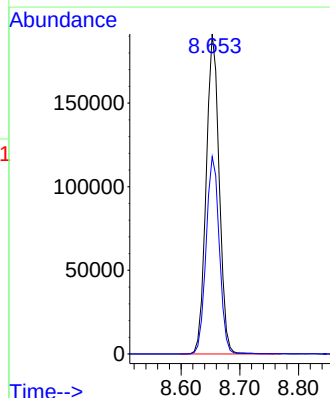
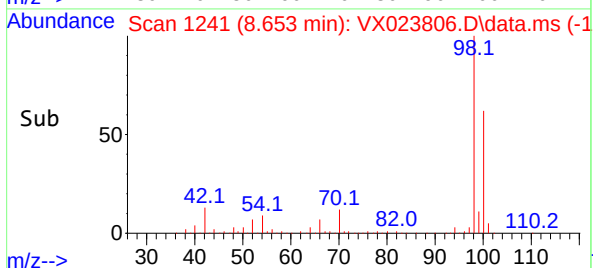
Tgt Ion:117 Resp: 14734
Ion Ratio Lower Upper
117 100
119 8.5 76.2 114.2#
121 0.0 24.8 37.2#

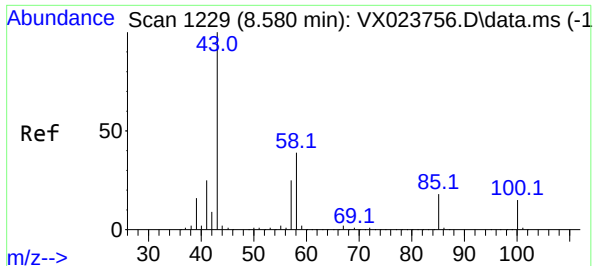


#50
Toluene-d8
Concen: 48.918 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023806.D
Acq: 18 Aug 2021 10:56



Tgt Ion: 98 Resp: 295536
Ion Ratio Lower Upper
98 100
100 62.2 51.9 77.9

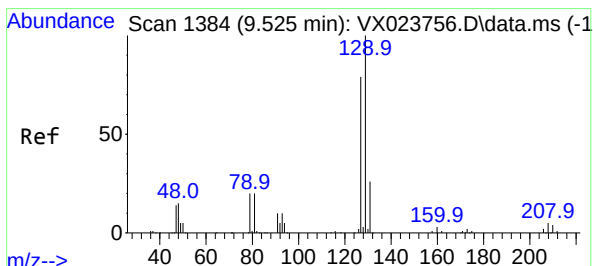
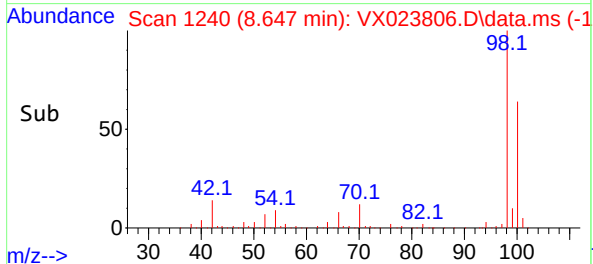
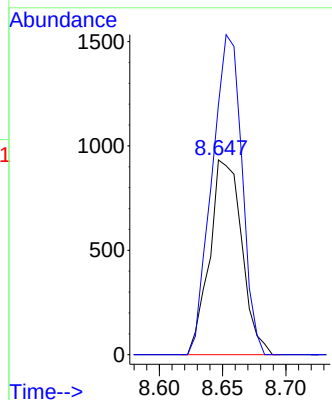
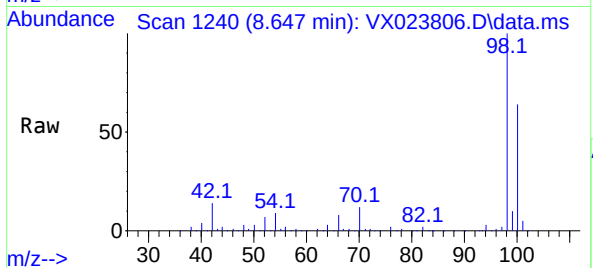




#51
4-Methyl-2-Pentanone
Concen: 0.597 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX023806.D
Acq: 18 Aug 2021 10:56

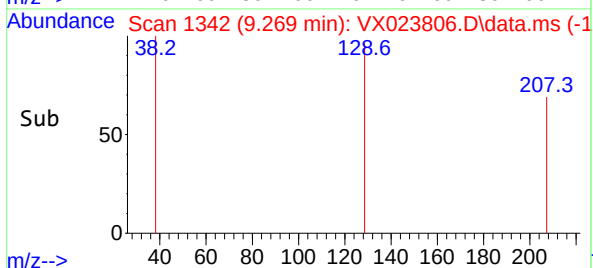
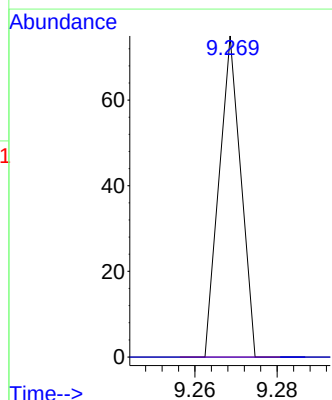
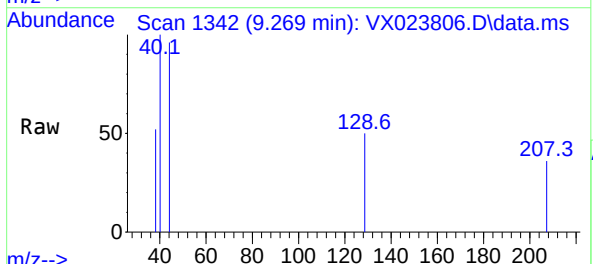
Instrument :
MSVOA_X
ClientSampled :

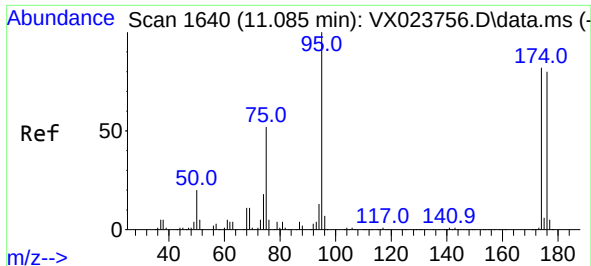
Tgt Ion: 43 Resp: 1647
Ion Ratio Lower Upper
43 100
58 153.5 35.4 53.0#



#60
Dibromochloromethane
Concen: 1.701 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.256 min
Lab File: VX023806.D
Acq: 18 Aug 2021 10:56

Tgt Ion: 129 Resp: 27
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

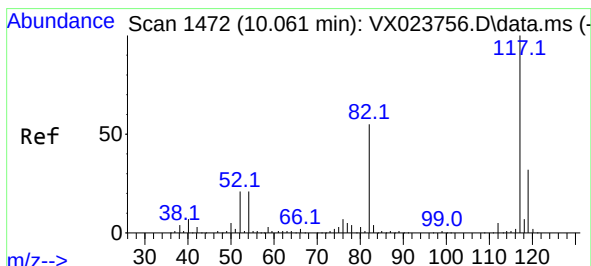
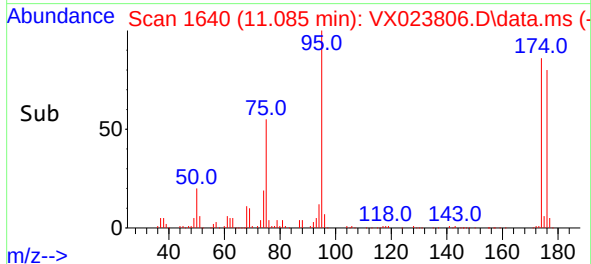
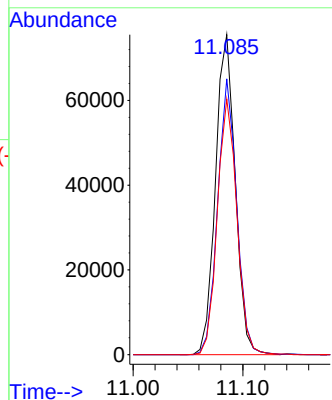
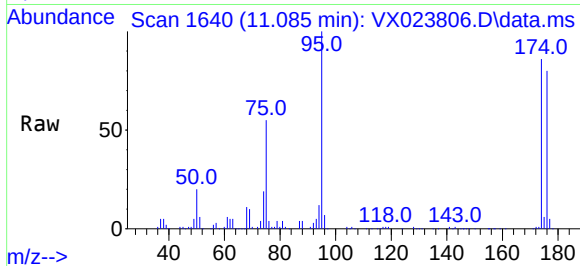




#62
4-Bromofluorobenzene
Concen: 42.508 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023806.D
Acq: 18 Aug 2021 10:56

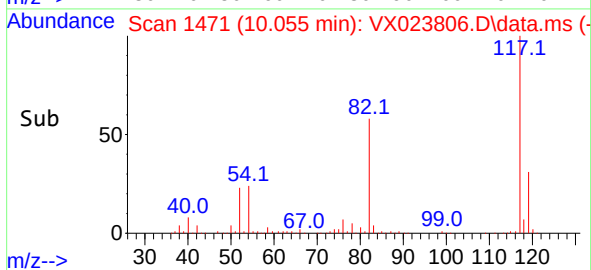
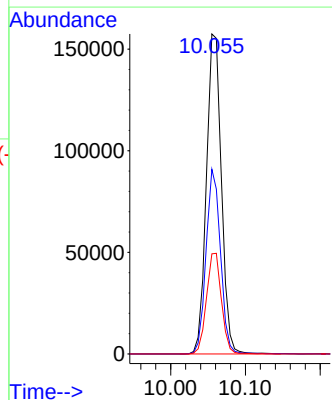
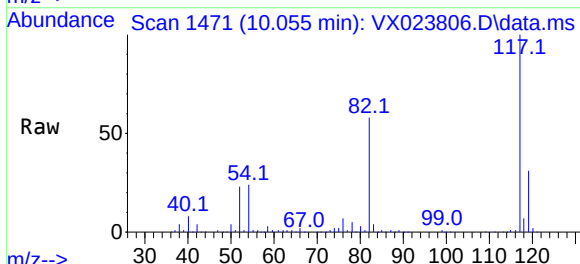
Instrument :
MSVOA_X
ClientSampled :

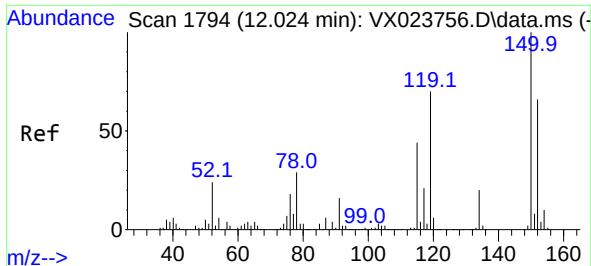
Tgt Ion: 95 Resp: 94539
Ion Ratio Lower Upper
95 100
174 83.5 0.0 154.6
176 79.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023806.D
Acq: 18 Aug 2021 10:56

Tgt Ion: 117 Resp: 219479
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.2
119 31.3 26.6 39.8

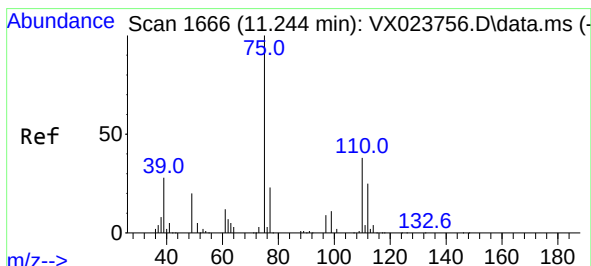
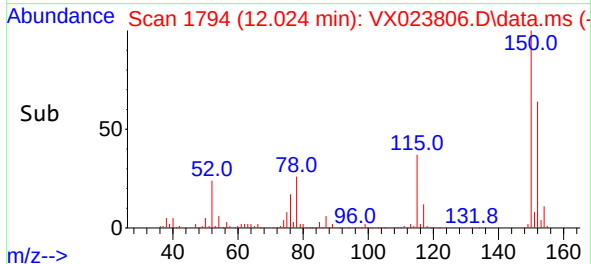
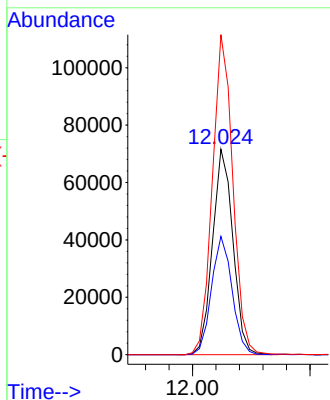
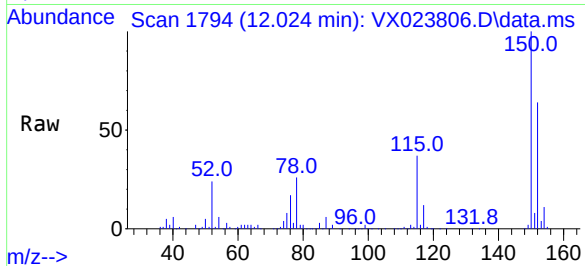




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023806.D
Acq: 18 Aug 2021 10:56

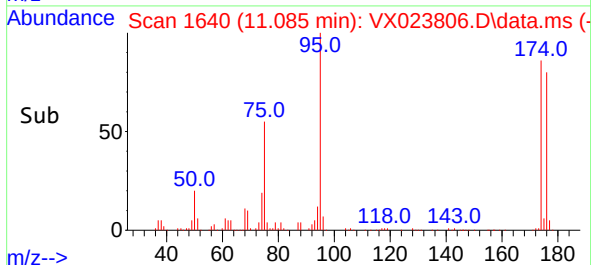
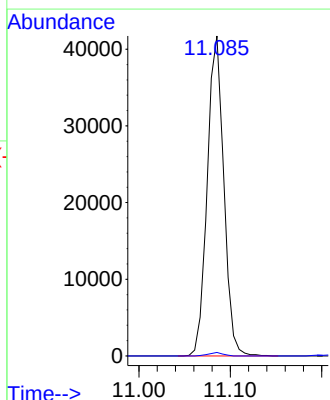
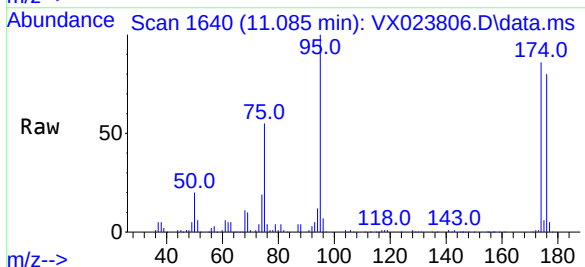
Instrument :
MSVOA_X
ClientSampled :

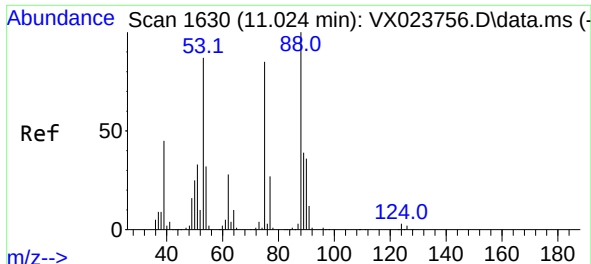
Tgt Ion:152 Resp: 86520
Ion Ratio Lower Upper
152 100
115 58.0 41.1 123.3
150 156.2 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.908 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023806.D
Acq: 18 Aug 2021 10:56

Tgt Ion: 75 Resp: 52290
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#

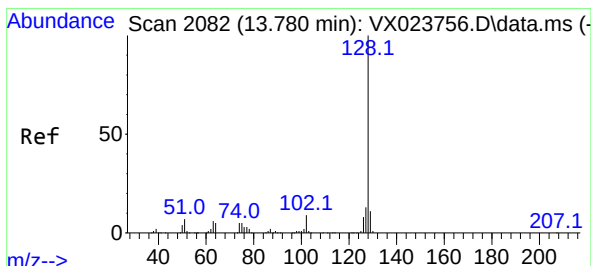
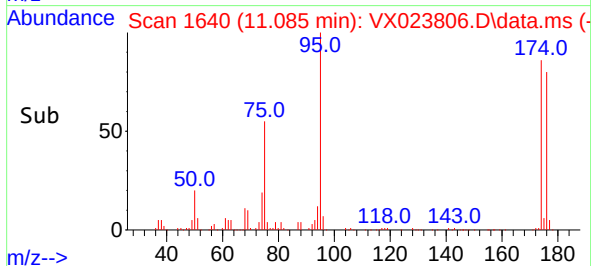
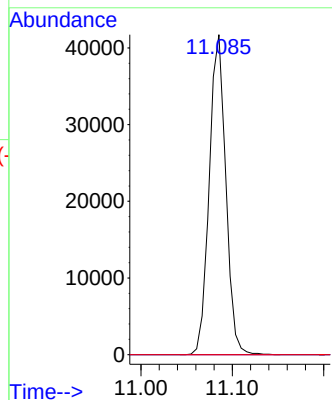
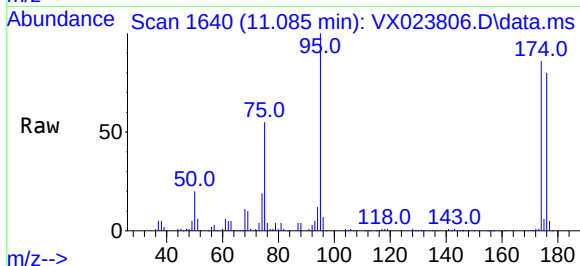




#81
trans-1,4-Dichloro-2-butene
Concen: 76.210 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023806.D
Acq: 18 Aug 2021 10:56

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 52290
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.339 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023806.D
Acq: 18 Aug 2021 10:56

Tgt Ion: 128 Resp: 368
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

