

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082321\
 Data File : VX023902.D
 Acq On : 23 Aug 2021 15:55
 Operator : JC/MD
 Sample : VX0823WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 24 07:15:24 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)

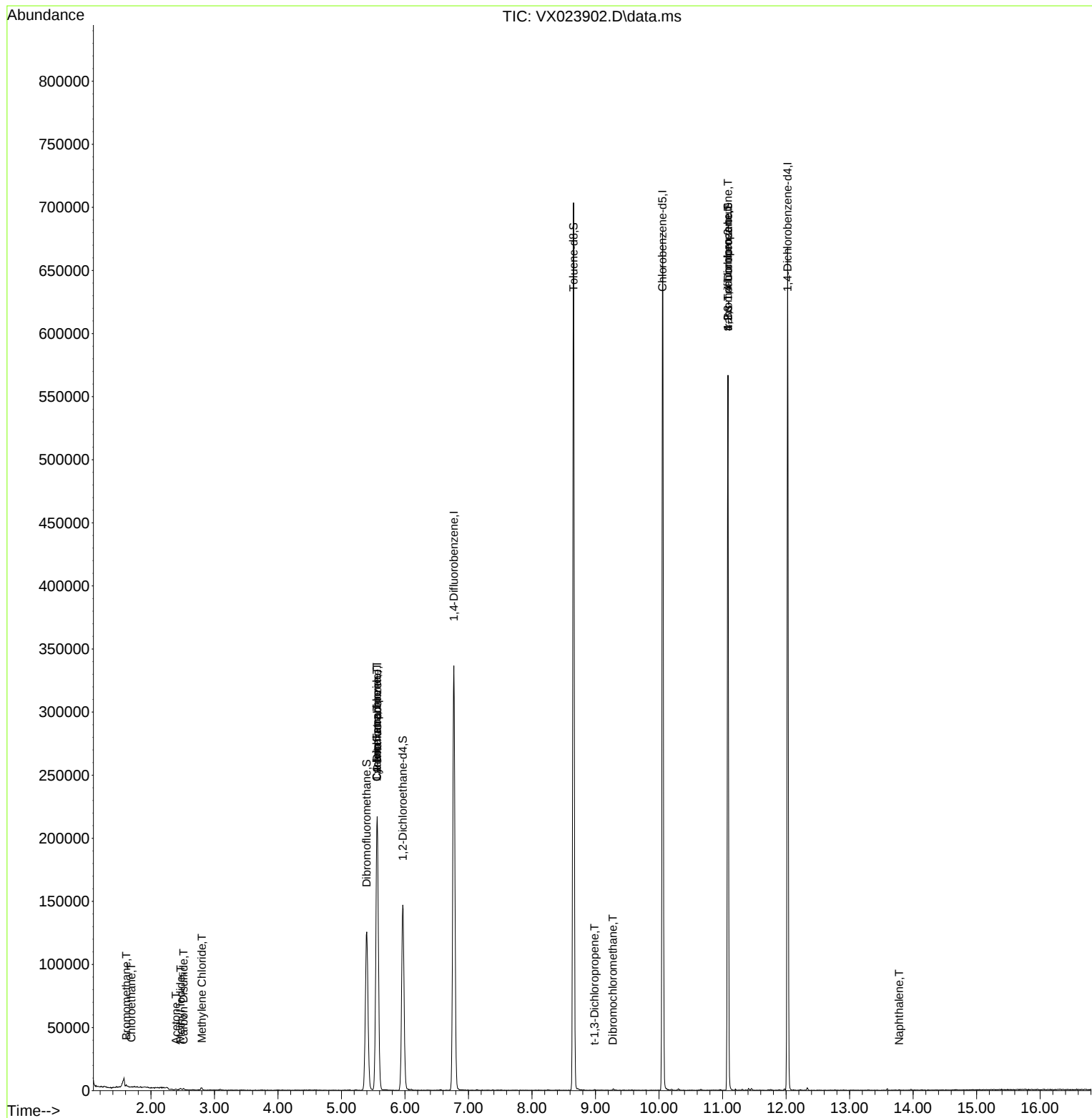
Internal Standards						
1) Pentafluorobenzene	5.562	168	201777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	334829	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	300800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	146977	52.190	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.380%		
35) Dibromofluoromethane	5.397	113	107419	48.471	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 96.940%		
50) Toluene-d8	8.653	98	394394	46.758	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 93.520%		
62) 4-Bromofluorobenzene	11.085	95	138925	44.741	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 89.480%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	1041	0.726	ug/l	97
6) Chloroethane	1.691	64	25	2.230	ug/l #	43
10) Methyl Iodide	2.465	142	1467	0.520	ug/l #	86
16) Acetone	2.392	43	681	0.541	ug/l	88
17) Carbon Disulfide	2.514	76	1358	0.294	ug/l	100
20) Methylene Chloride	2.800	84	817	0.340	ug/l #	79
31) Cyclohexane	5.556	56	4634	1.281	ug/l #	23
36) 1,1-Dichloropropene	5.556	75	15964	5.148	ug/l #	49
38) Carbon Tetrachloride	5.556	117	20256	6.265	ug/l #	17
53) t-1,3-Dichloropropene	8.982	75	218	2.190	ug/l #	66
60) Dibromochloromethane	9.275	129	62	1.710	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	74980	24.352	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	74980	71.633	ug/l #	12
95) Naphthalene	13.780	128	575	1.340	ug/l #	69

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

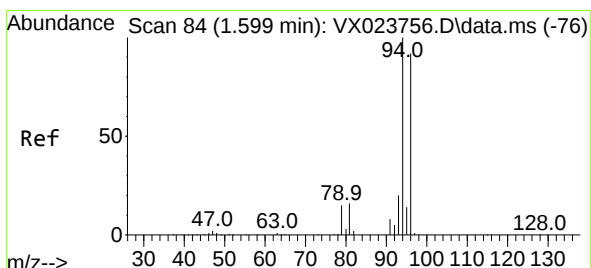
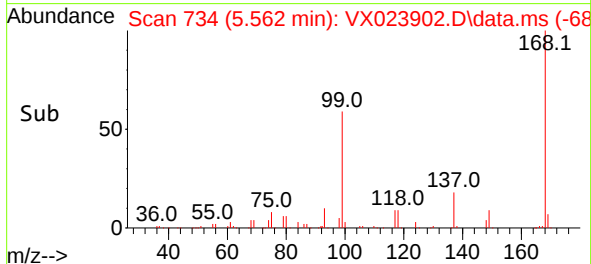
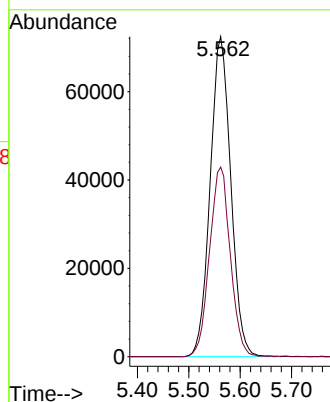
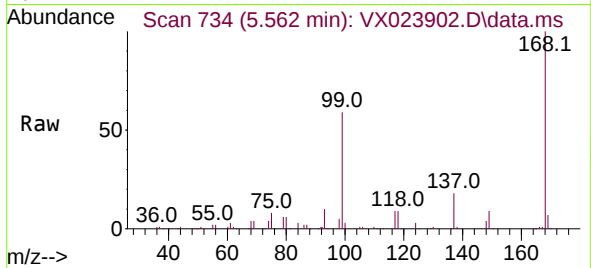




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023902.D
Acq: 23 Aug 2021 15:55

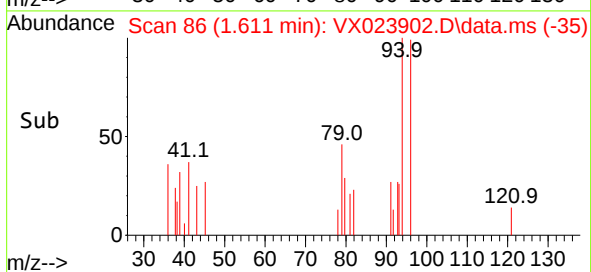
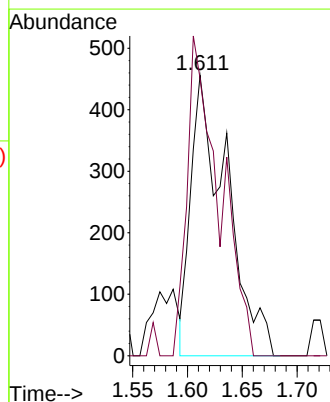
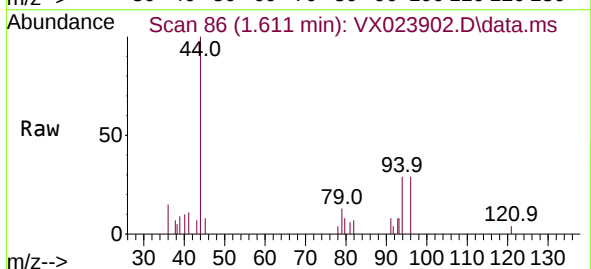
Instrument :
MSVOA_X
ClientSampled :

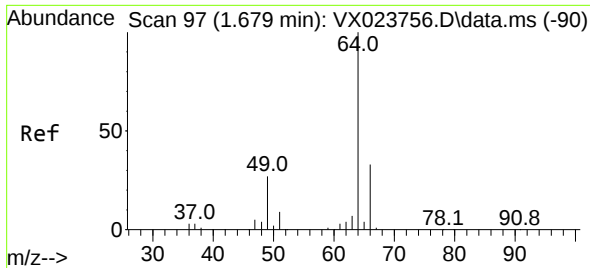
Tgt Ion:168 Resp: 201777
Ion Ratio Lower Upper
168 100
99 59.3 45.8 68.6



#5
Bromomethane
Concen: 0.726 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX023902.D
Acq: 23 Aug 2021 15:55

Tgt Ion: 94 Resp: 1041
Ion Ratio Lower Upper
94 100
96 98.9 76.4 114.6

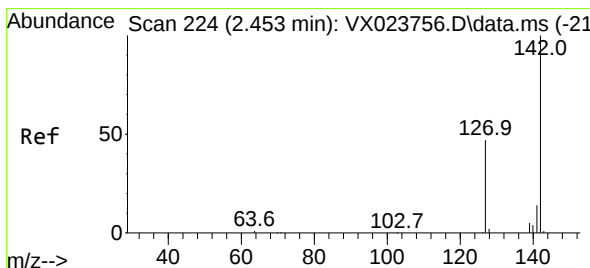
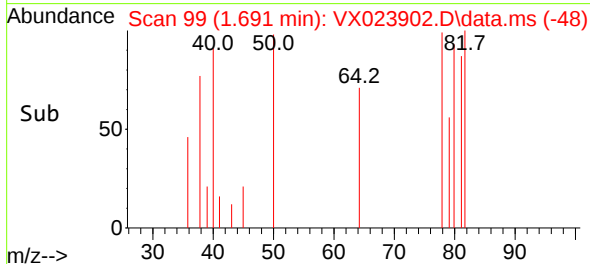
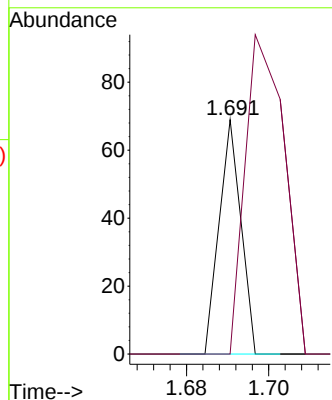
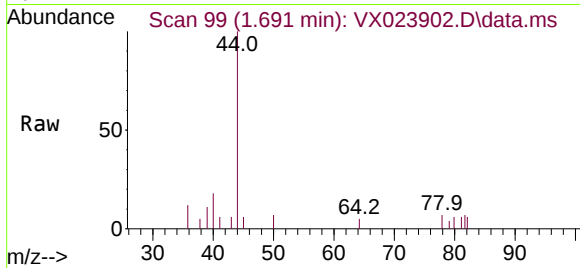




#6
Chloroethane
Concen: 2.230 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX023902.D
Acq: 23 Aug 2021 15:55

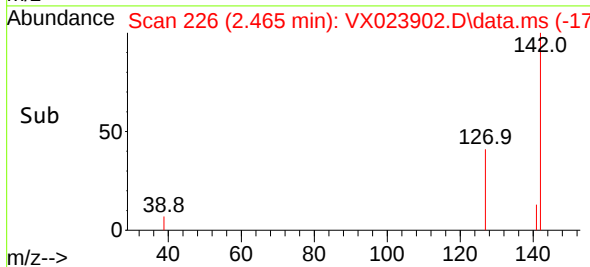
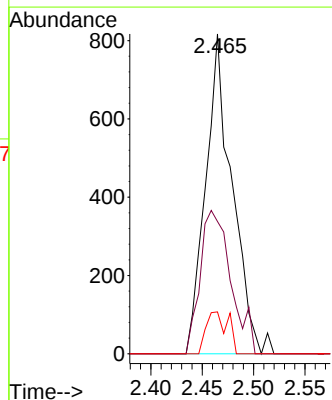
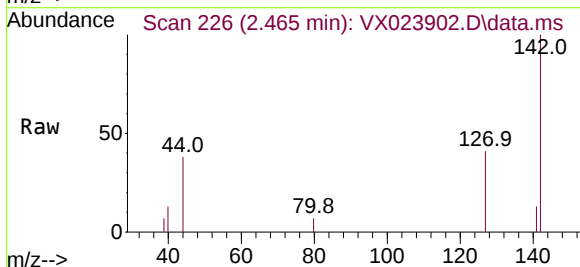
Instrument :
MSVOA_X
ClientSampled :

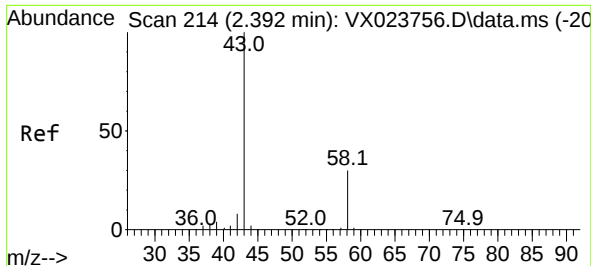
Tgt Ion: 64 Resp: 25
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.520 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023902.D
Acq: 23 Aug 2021 15:55

Tgt Ion: 142 Resp: 1467
Ion Ratio Lower Upper
142 100
127 51.9 33.3 49.9#
141 10.7 11.4 17.0#

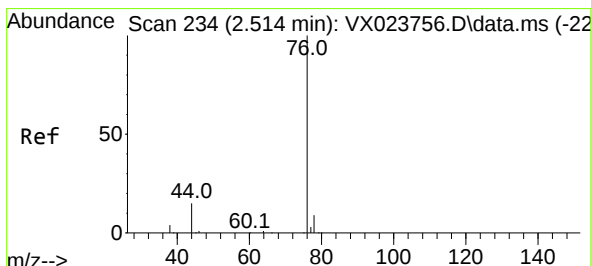
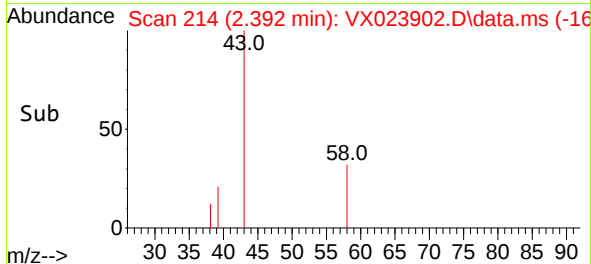
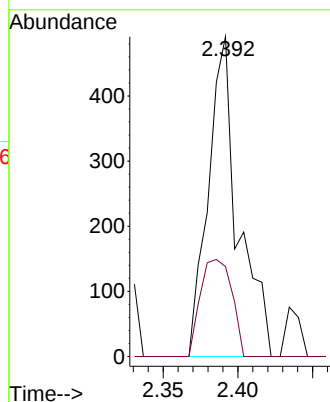
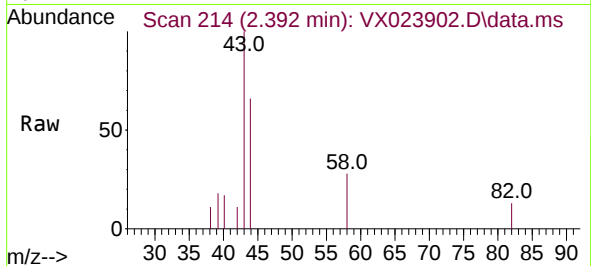




#16
Acetone
Concen: 0.541 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023902.D
Acq: 23 Aug 2021 15:55

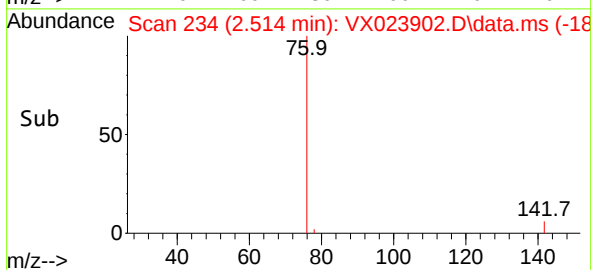
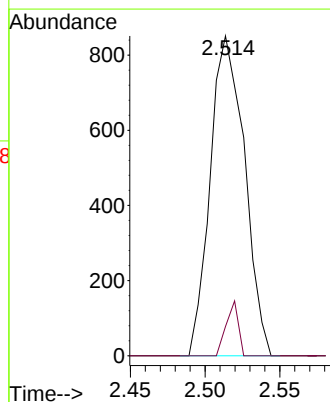
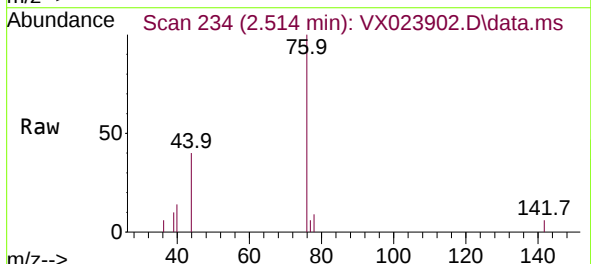
Instrument :
MSVOA_X
ClientSampled :

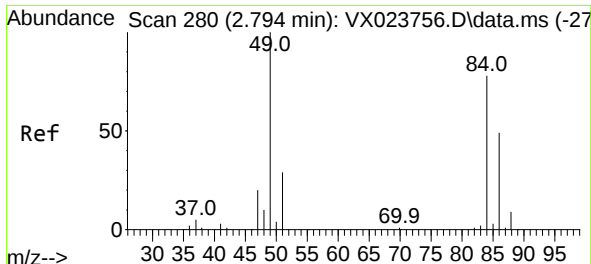
Tgt Ion: 43 Resp: 681
Ion Ratio Lower Upper
43 100
58 28.1 27.8 41.8



#17
Carbon Disulfide
Concen: 0.294 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023902.D
Acq: 23 Aug 2021 15:55

Tgt Ion: 76 Resp: 1358
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



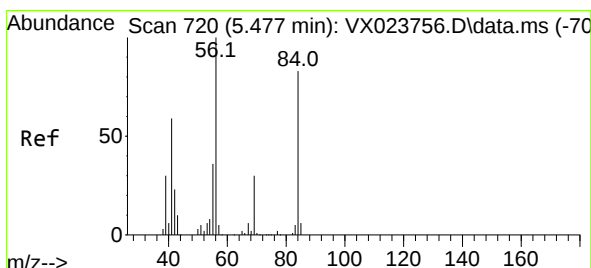
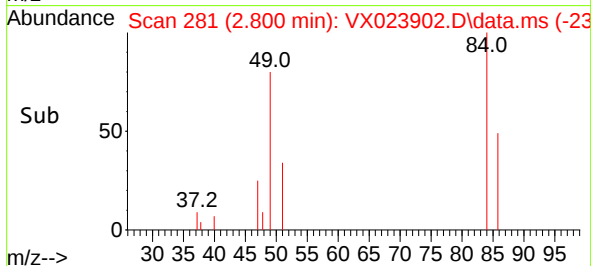
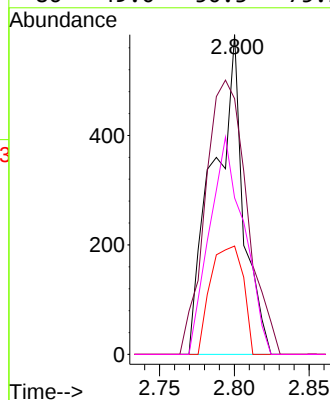
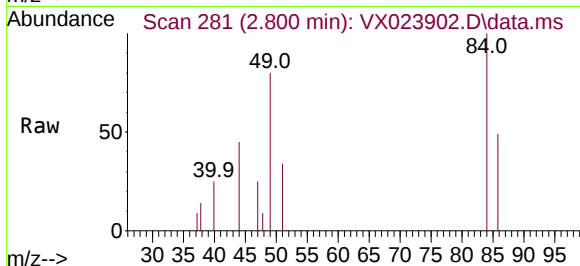


#20
Methylene Chloride
Concen: 0.340 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX023902.D
Acq: 23 Aug 2021 15:55

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 84 Resp: 817

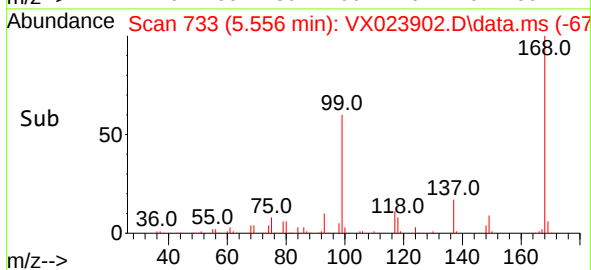
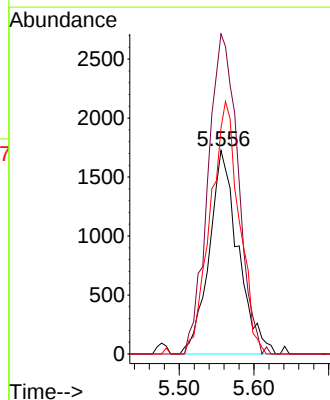
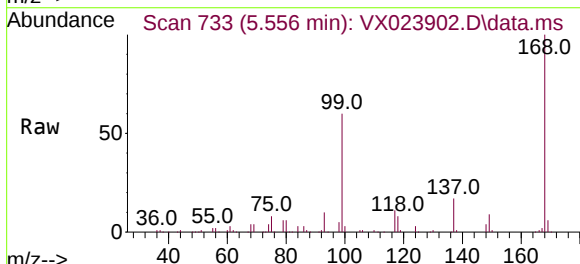
Ion	Ratio	Lower	Upper
84	100		
49	80.0	88.6	132.8#
51	33.9	27.0	40.6
86	49.0	50.3	75.5#

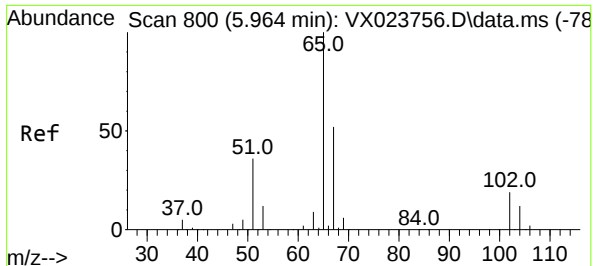


#31
Cyclohexane
Concen: 1.281 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023902.D
Acq: 23 Aug 2021 15:55

Tgt Ion: 56 Resp: 4634

Ion	Ratio	Lower	Upper
56	100		
69	157.3	25.3	37.9#
84	111.1	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 52.190 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX023902.D

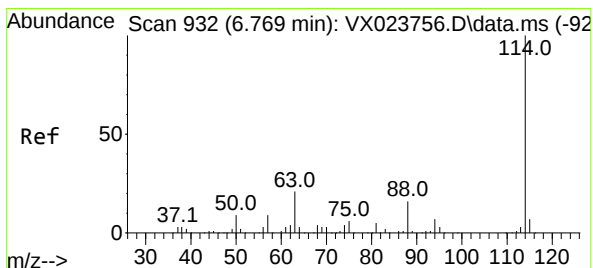
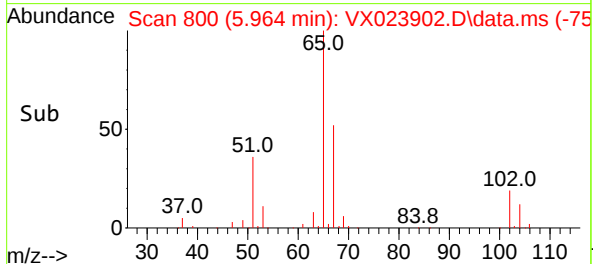
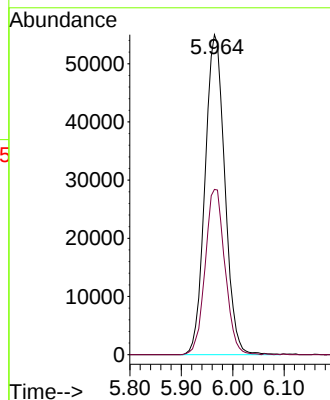
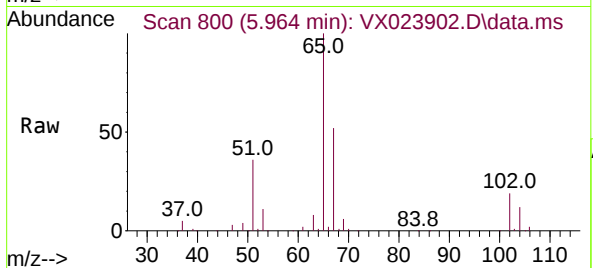
Acq: 23 Aug 2021 15:55

Tgt Ion: 65 Resp: 146977

Ion Ratio Lower Upper

65 100

67 51.6 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: VX023902.D

Acq: 23 Aug 2021 15:55

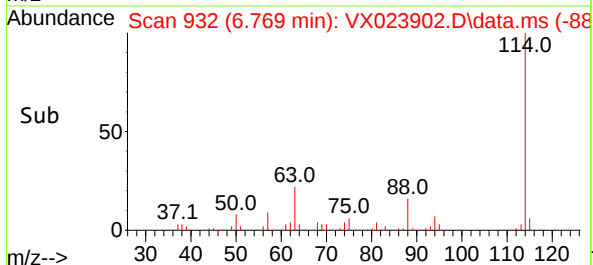
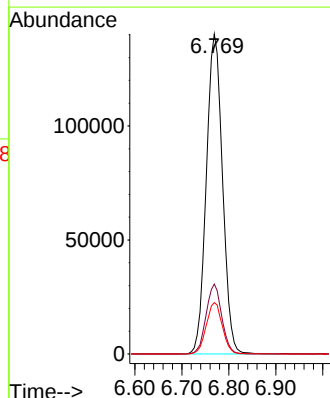
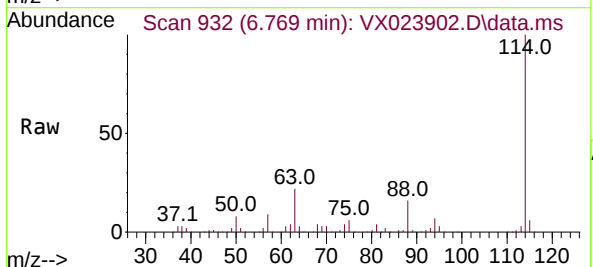
Tgt Ion: 114 Resp: 334829

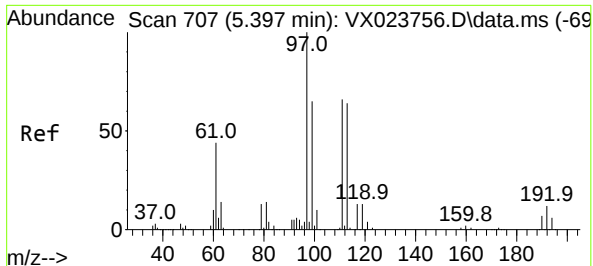
Ion Ratio Lower Upper

114 100

63 21.9 0.0 40.8

88 16.0 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.471 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023902.D

Acq: 23 Aug 2021 15:55

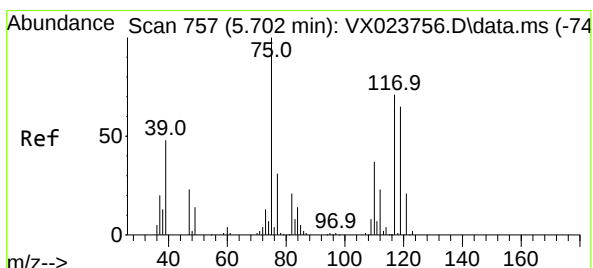
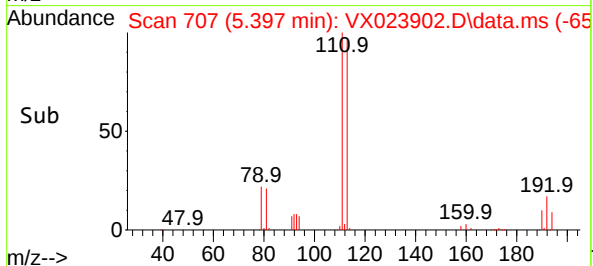
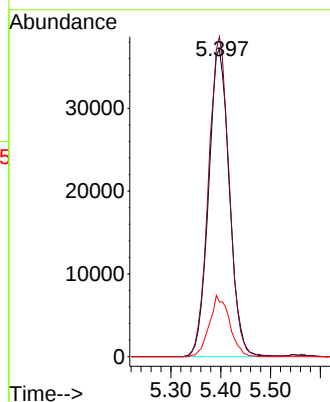
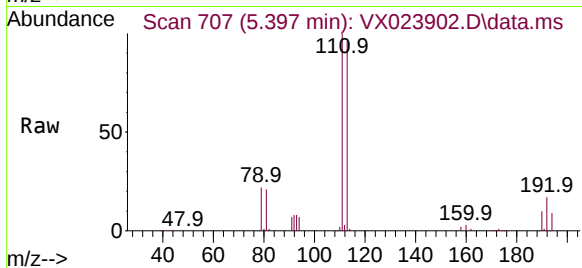
Tgt Ion:113 Resp: 107419

Ion Ratio Lower Upper

113 100

111 103.4 81.9 122.9

192 19.4 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.148 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX023902.D

Acq: 23 Aug 2021 15:55

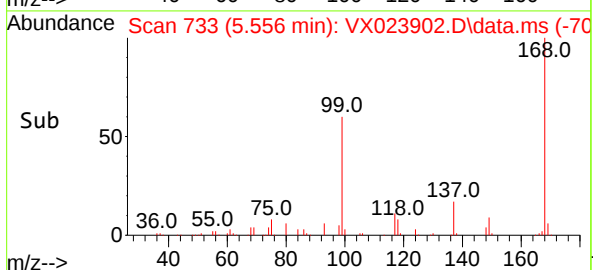
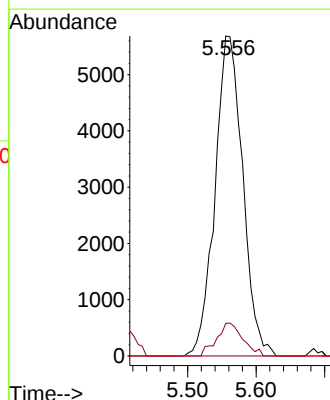
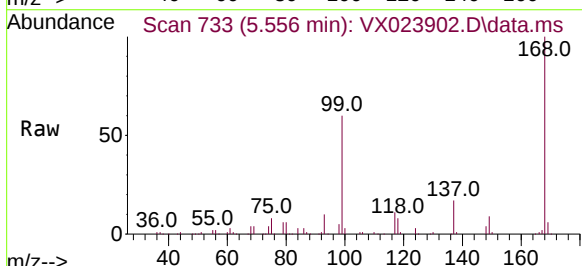
Tgt Ion: 75 Resp: 15964

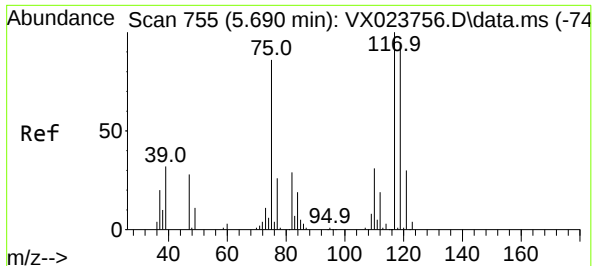
Ion Ratio Lower Upper

75 100

110 9.7 18.1 54.4#

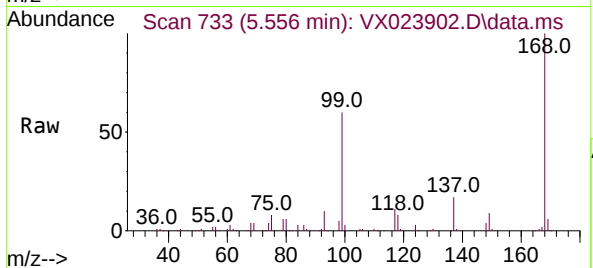
77 0.0 25.3 37.9#



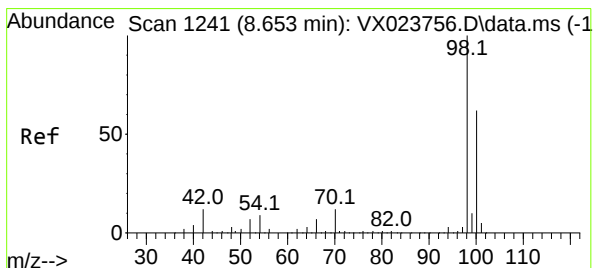
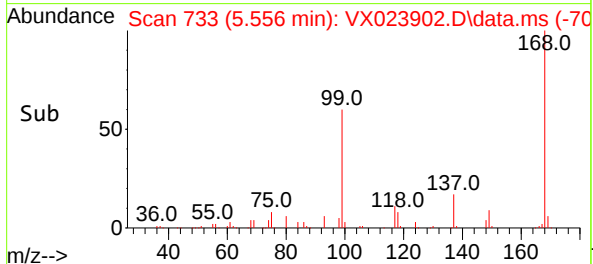
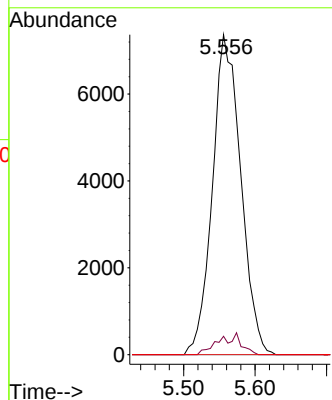


#38
Carbon Tetrachloride
Concen: 6.265 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX023902.D
Acq: 23 Aug 2021 15:55

Instrument :
MSVOA_X
ClientSampled :

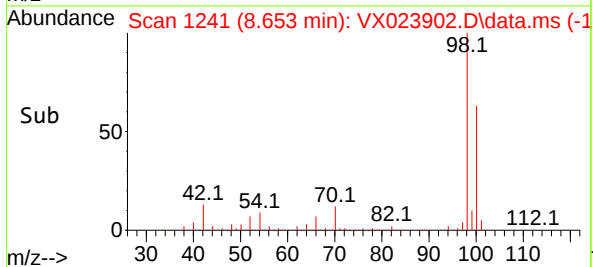
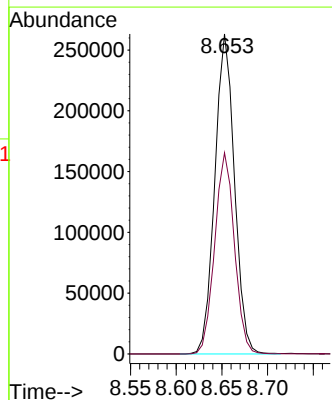
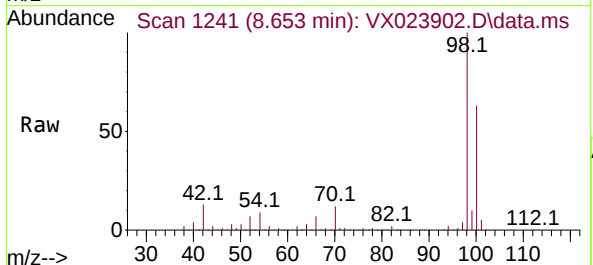


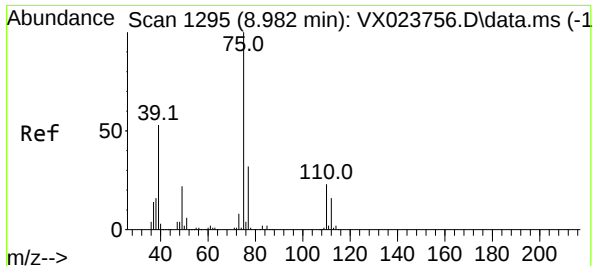
Tgt Ion:117 Resp: 20256
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 46.758 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023902.D
Acq: 23 Aug 2021 15:55

Tgt Ion: 98 Resp: 394394
Ion Ratio Lower Upper
98 100
100 63.2 51.9 77.9

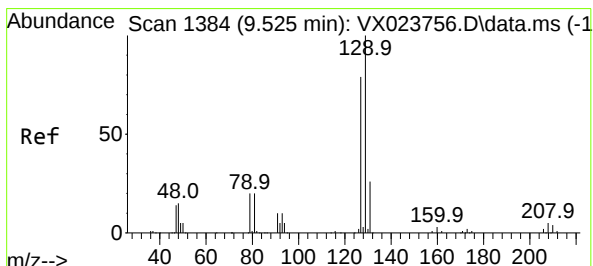
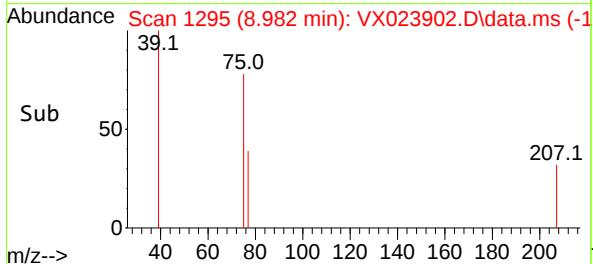
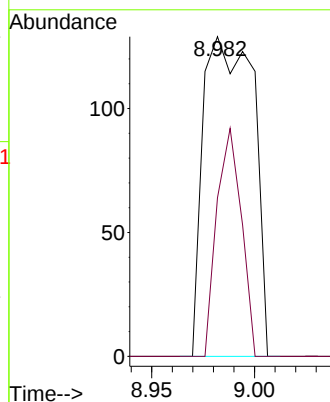
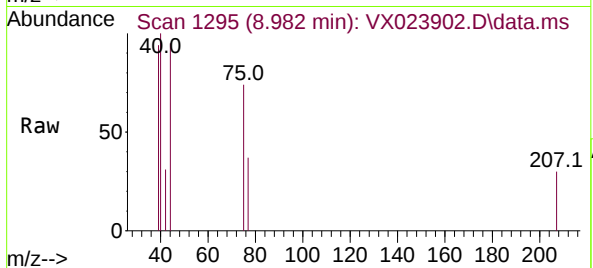




#53
t-1,3-Dichloropropene
Concen: 2.190 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX023902.D
Acq: 23 Aug 2021 15:55

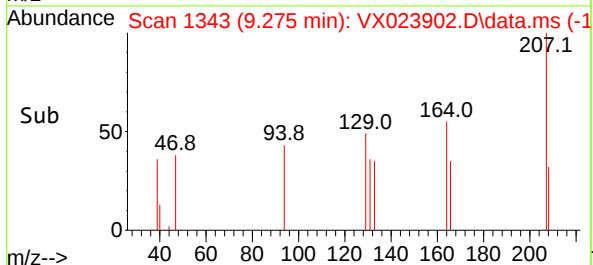
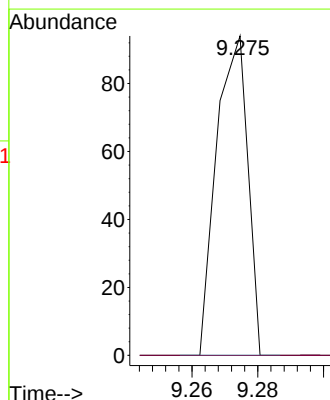
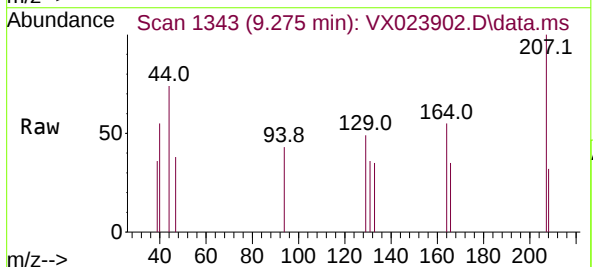
Instrument :
MSVOA_X
ClientSampled :

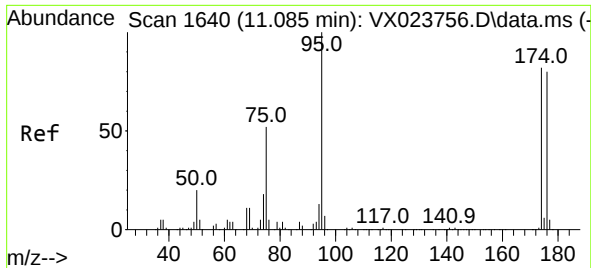
Tgt Ion: 75 Resp: 218
Ion Ratio Lower Upper
75 100
77 49.6 24.9 37.3#



#60
Dibromochloromethane
Concen: 1.710 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023902.D
Acq: 23 Aug 2021 15:55

Tgt Ion: 129 Resp: 62
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

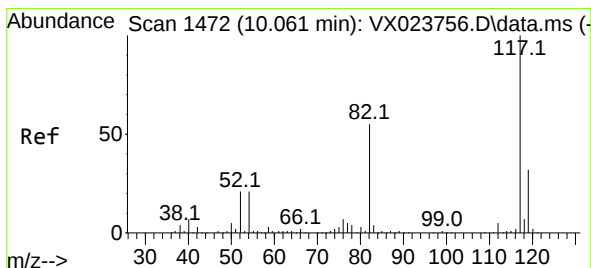
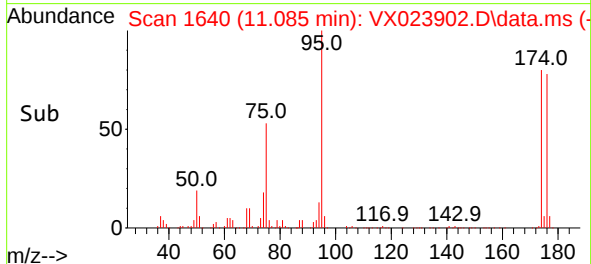
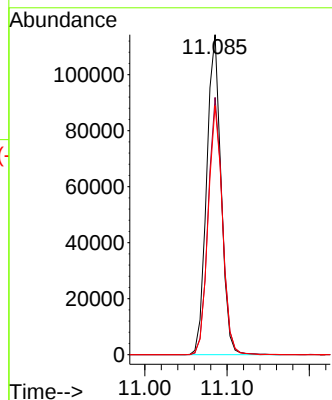
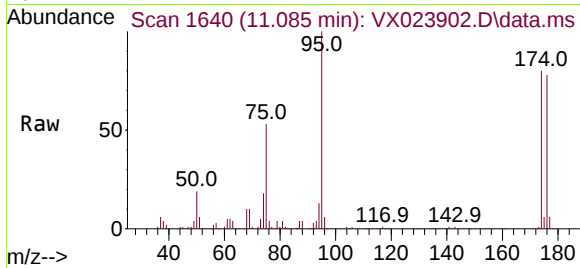




#62
4-Bromofluorobenzene
Concen: 44.741 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023902.D
Acq: 23 Aug 2021 15:55

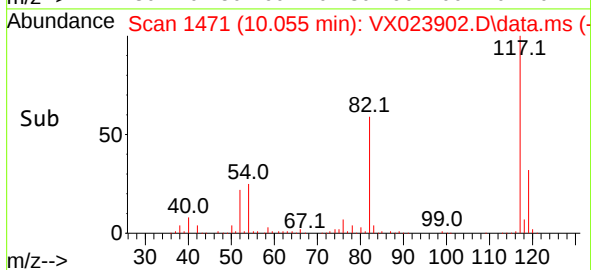
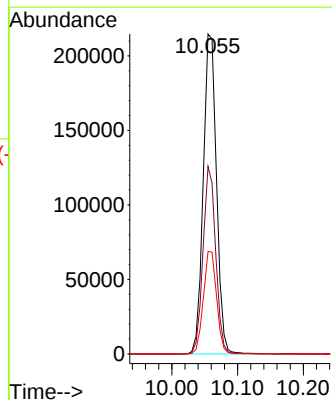
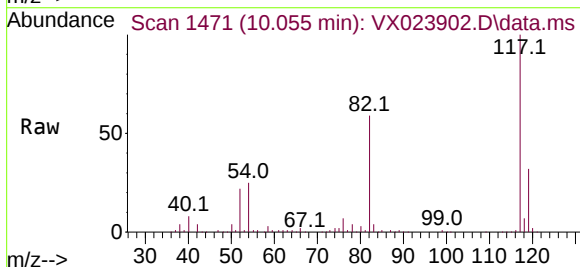
Instrument :
MSVOA_X
ClientSampleId :

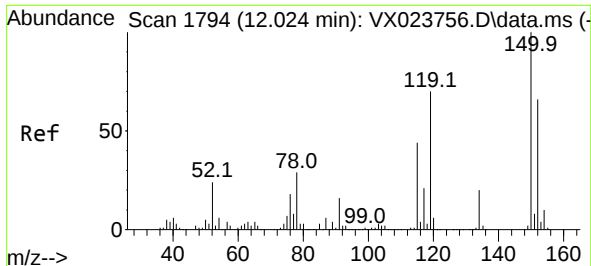
Tgt Ion: 95 Resp: 138925
Ion Ratio Lower Upper
95 100
174 79.5 0.0 154.6
176 77.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023902.D
Acq: 23 Aug 2021 15:55

Tgt Ion: 117 Resp: 300800
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 32.0 26.6 39.8

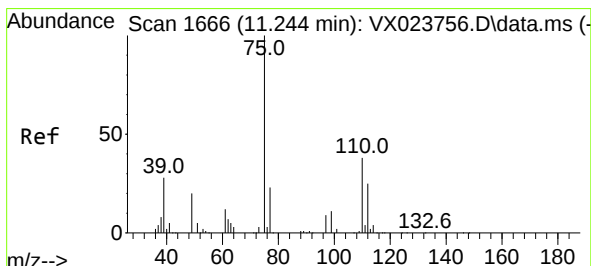
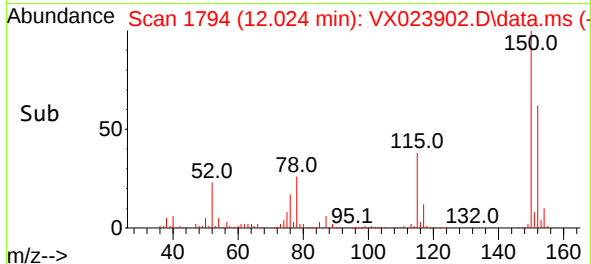
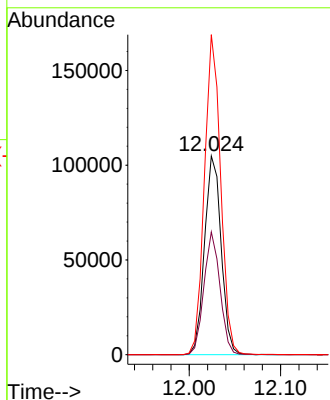
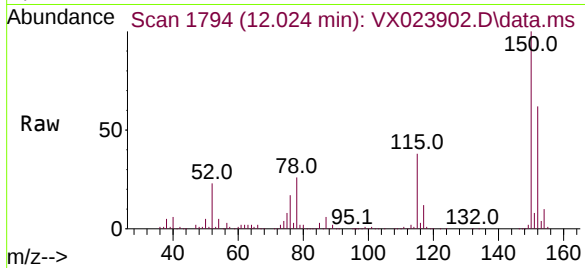




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023902.D
 Acq: 23 Aug 2021 15:55

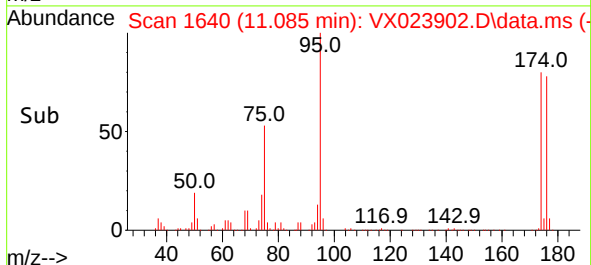
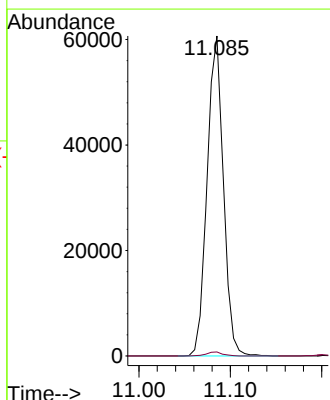
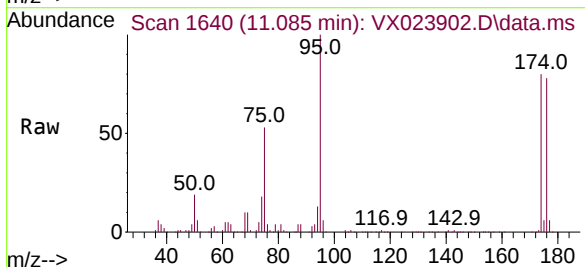
Instrument :
 MSVOA_X
 ClientSampled :

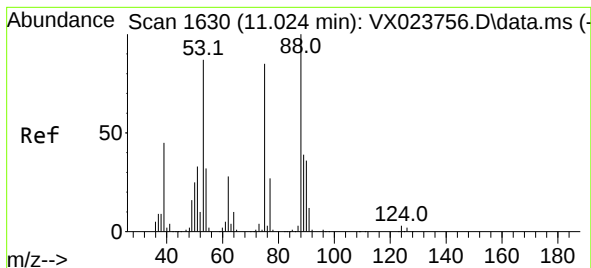
Tgt Ion:152 Resp: 131990
 Ion Ratio Lower Upper
 152 100
 115 59.7 41.1 123.3
 150 156.9 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 24.352 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023902.D
 Acq: 23 Aug 2021 15:55

Tgt Ion: 75 Resp: 74980
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#

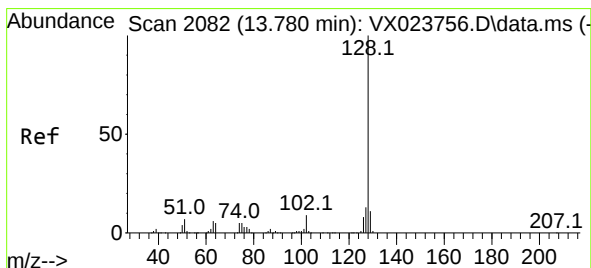
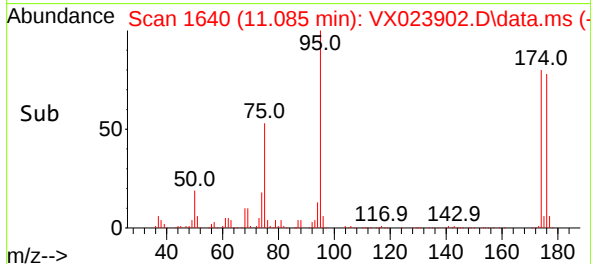
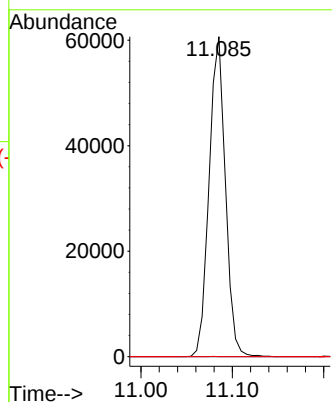
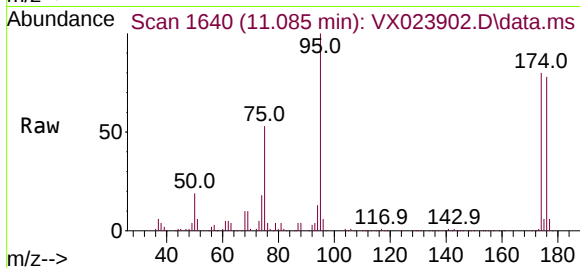




#81
trans-1,4-Dichloro-2-butene
Concen: 71.633 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023902.D
Acq: 23 Aug 2021 15:55

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 74980
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.340 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023902.D
Acq: 23 Aug 2021 15:55

Tgt Ion:128 Resp: 575
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

