

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082421\
 Data File : VX023921.D
 Acq On : 24 Aug 2021 11:01
 Operator : JC/MD
 Sample : VX0824WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBL01

Quant Time: Aug 25 03:54:33 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)

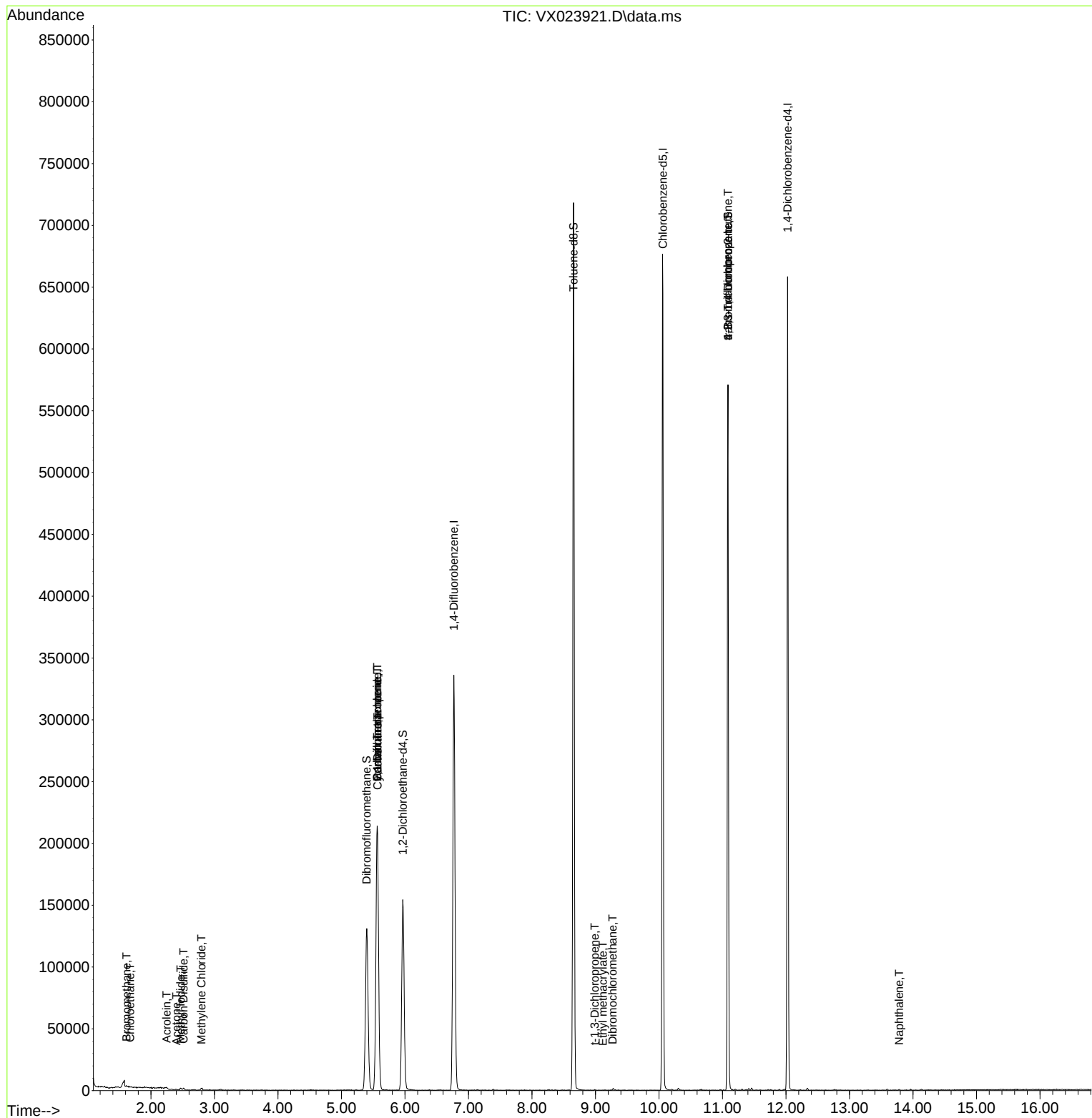
Internal Standards						
1) Pentafluorobenzene	5.562	168	201401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	332200	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	297690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	128143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	151628	53.942	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.880%			
35) Dibromofluoromethane	5.397	113	112066	50.968	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.940%			
50) Toluene-d8	8.653	98	406370	48.559	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.120%			
62) 4-Bromofluorobenzene	11.085	95	141006	45.771	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.540%			
Target Compounds						Qvalue
5) Bromomethane	1.618	94	1051	0.735	ug/l #	79
6) Chloroethane	1.673	64	26	2.231	ug/l #	43
10) Methyl Iodide	2.465	142	1427	0.507	ug/l #	80
13) Acrolein	2.246	56	126	0.372	ug/l	90
16) Acetone	2.398	43	712	0.567	ug/l #	87
17) Carbon Disulfide	2.514	76	1481	0.321	ug/l	96
20) Methylene Chloride	2.794	84	714	0.297	ug/l #	83
31) Cyclohexane	5.568	56	4776	1.323	ug/l #	26
36) 1,1-Dichloropropene	5.562	75	15992	5.198	ug/l #	49
38) Carbon Tetrachloride	5.562	117	21188	6.605	ug/l #	18
53) t-1,3-Dichloropropene	8.988	75	237	2.195	ug/l #	78
56) Ethyl methacrylate	9.116	69	22	0.765	ug/l #	1
60) Dibromochloromethane	9.269	129	165	1.747	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	77477	25.919	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	77477	76.241	ug/l #	12
95) Naphthalene	13.780	128	634	1.348	ug/l #	69

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

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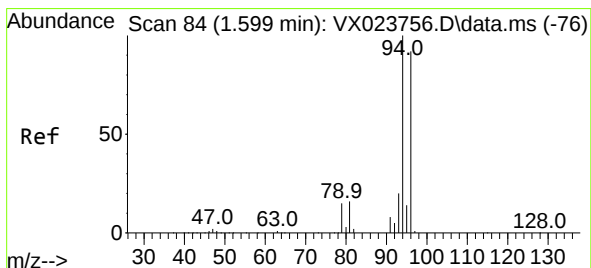
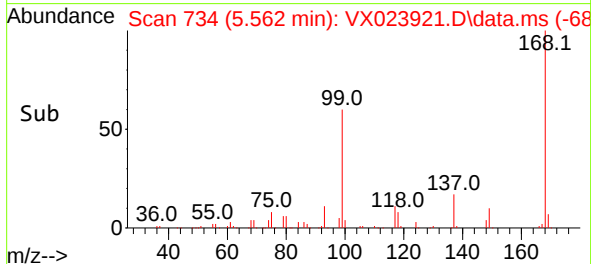
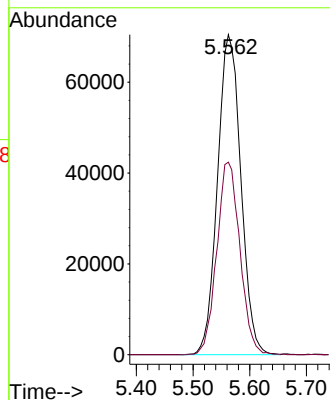
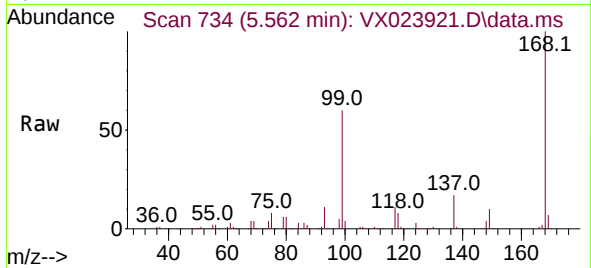




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023921.D
Acq: 24 Aug 2021 11:01

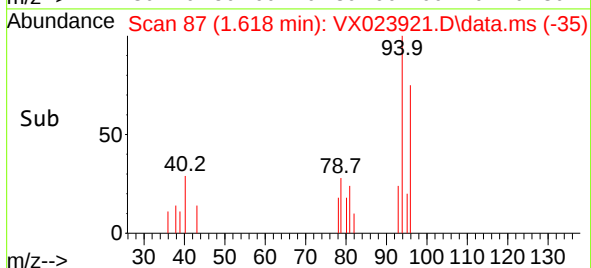
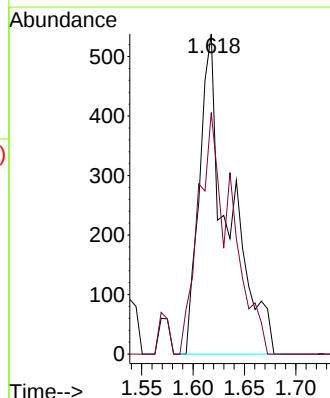
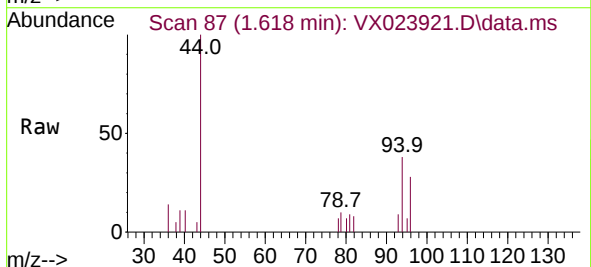
Instrument :
MSVOA_X
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VX0824WBL01

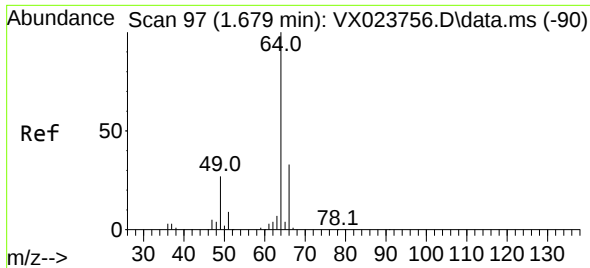
Tgt Ion:168 Resp: 201401
Ion Ratio Lower Upper
168 100
99 60.2 45.8 68.6



#5
Bromomethane
Concen: 0.735 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023921.D
Acq: 24 Aug 2021 11:01

Tgt Ion: 94 Resp: 1051
Ion Ratio Lower Upper
94 100
96 75.5 76.4 114.6#

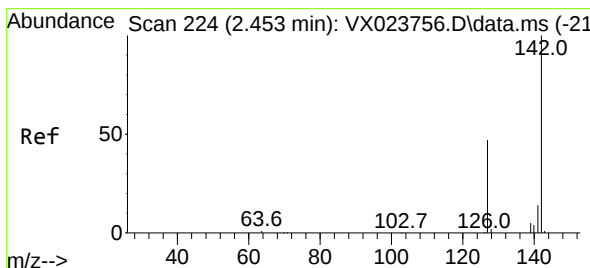
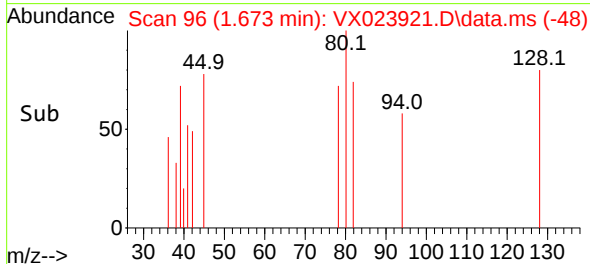
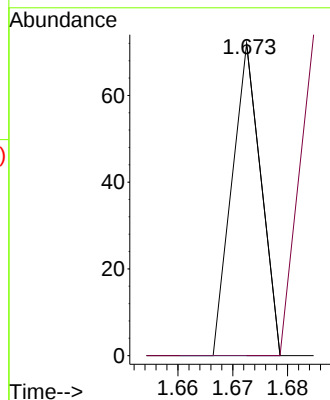
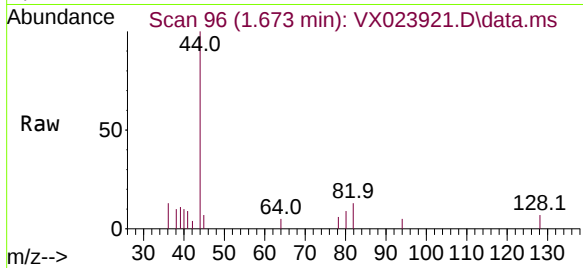




#6
Chloroethane
Concen: 2.231 ug/l
RT: 1.673 min Scan# 96
Delta R.T. -0.006 min
Lab File: VX023921.D
Acq: 24 Aug 2021 11:01

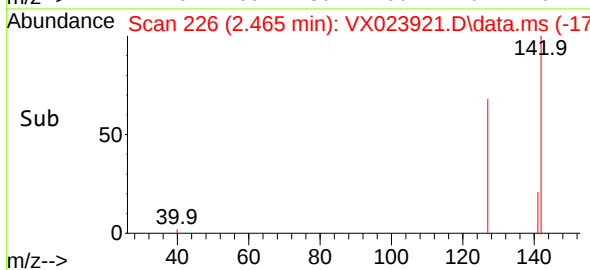
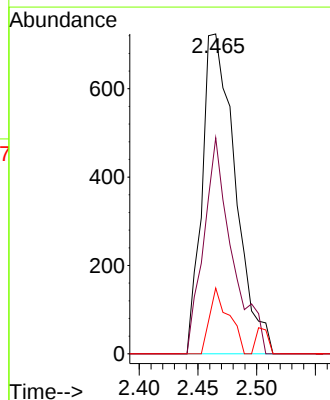
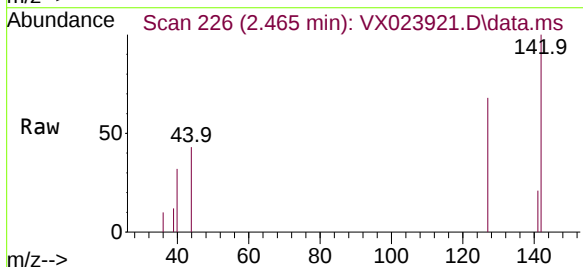
Instrument :
MSVOA_X
ClientSampleId :
VX0824WBL01

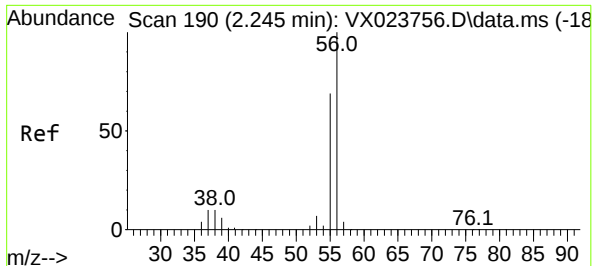
Tgt Ion: 64 Resp: 26
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.507 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023921.D
Acq: 24 Aug 2021 11:01

Tgt Ion: 142 Resp: 1427
Ion Ratio Lower Upper
142 100
127 57.6 33.3 49.9#
141 12.0 11.4 17.0

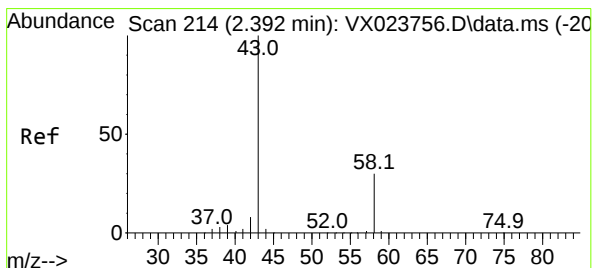
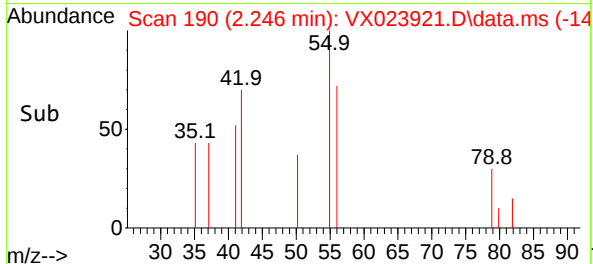
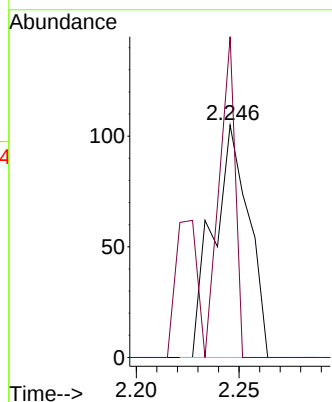
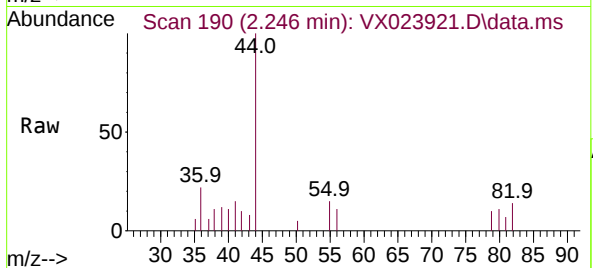




#13
Acrolein
Concen: 0.372 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.001 min
Lab File: VX023921.D
Acq: 24 Aug 2021 11:01

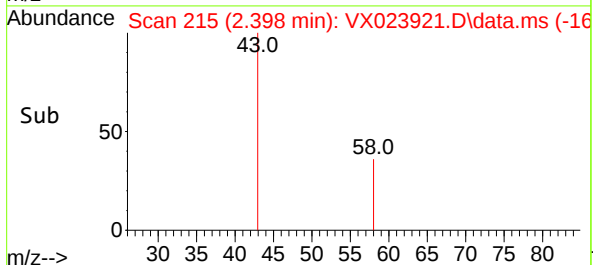
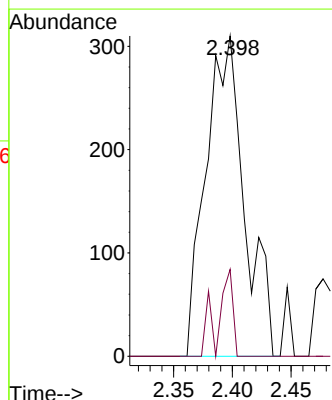
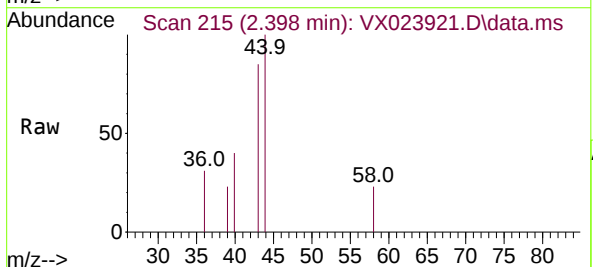
Instrument :
MSVOA_X
ClientSampleId :
VX0824WBL01

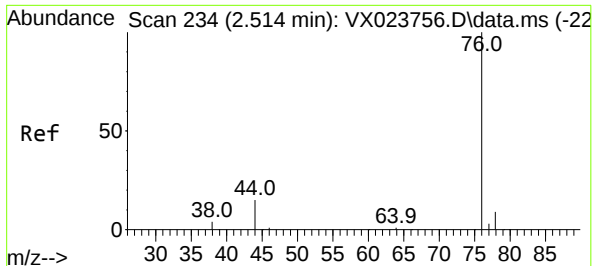
Tgt Ion: 56 Resp: 126
Ion Ratio Lower Upper
56 100
55 61.9 56.4 84.6



#16
Acetone
Concen: 0.567 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX023921.D
Acq: 24 Aug 2021 11:01

Tgt Ion: 43 Resp: 712
Ion Ratio Lower Upper
43 100
58 27.1 27.8 41.8#

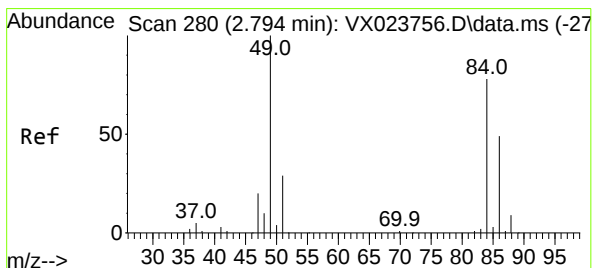
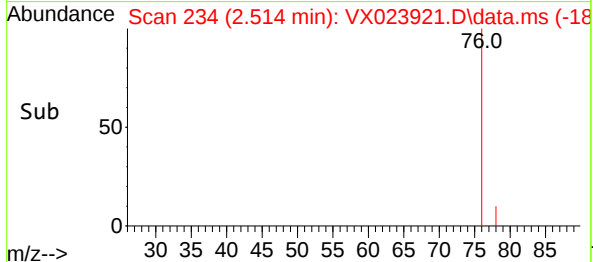
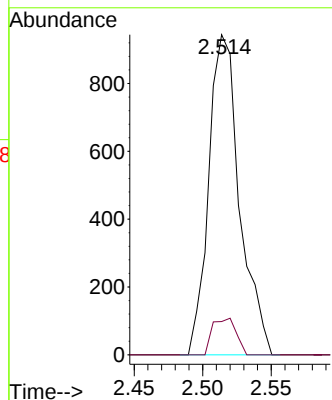
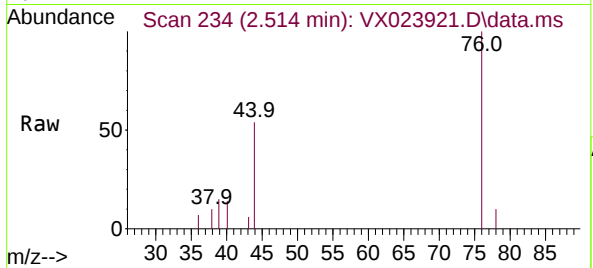




#17
Carbon Disulfide
Concen: 0.321 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023921.D
Acq: 24 Aug 2021 11:01

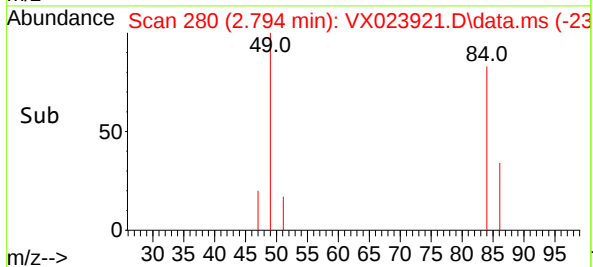
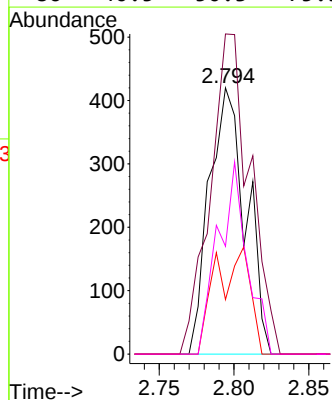
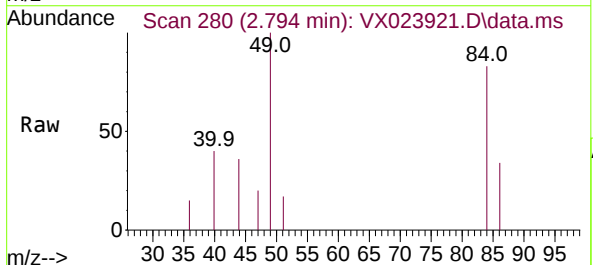
Instrument :
MSVOA_X
ClientSampleId :
VX0824WBL01

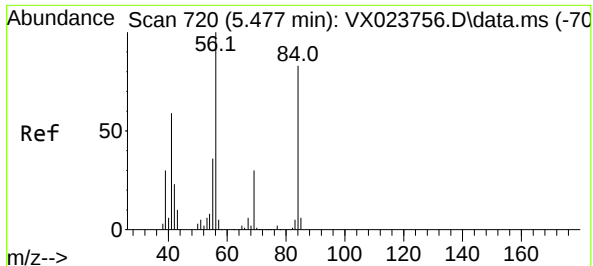
Tgt Ion: 76 Resp: 1481
Ion Ratio Lower Upper
76 100
78 10.4 7.2 10.8



#20
Methylene Chloride
Concen: 0.297 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023921.D
Acq: 24 Aug 2021 11:01

Tgt Ion: 84 Resp: 714
Ion Ratio Lower Upper
84 100
49 120.2 88.6 132.8
51 20.5 27.0 40.6#
86 40.5 50.3 75.5#

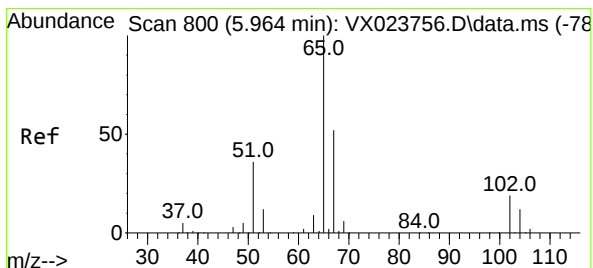
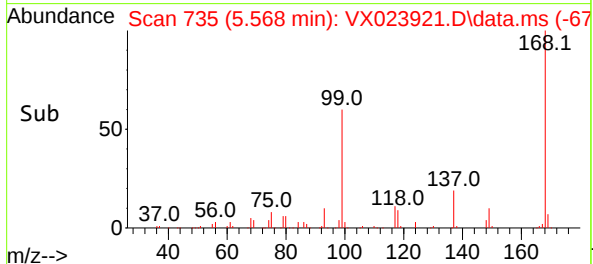
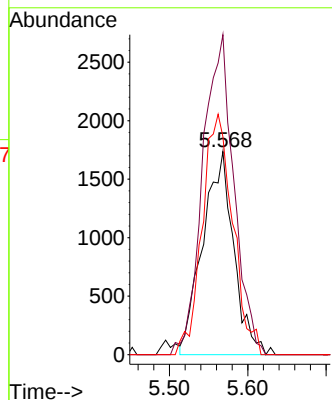
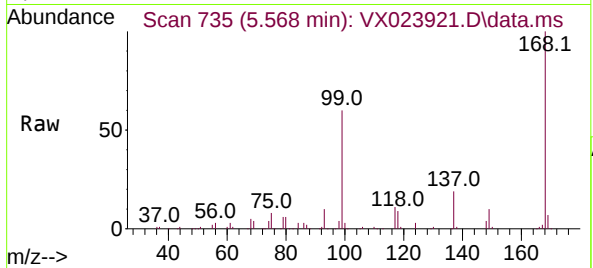




#31
Cyclohexane
Concen: 1.323 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX023921.D
Acq: 24 Aug 2021 11:01

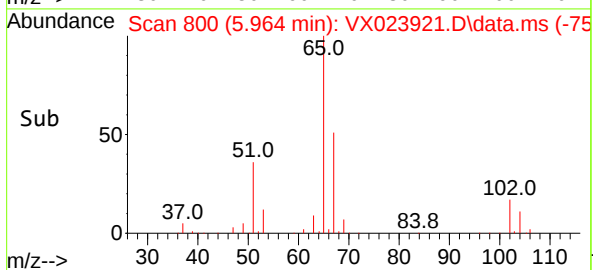
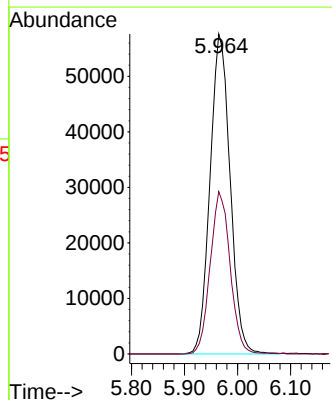
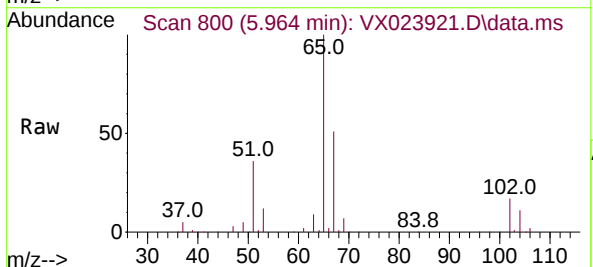
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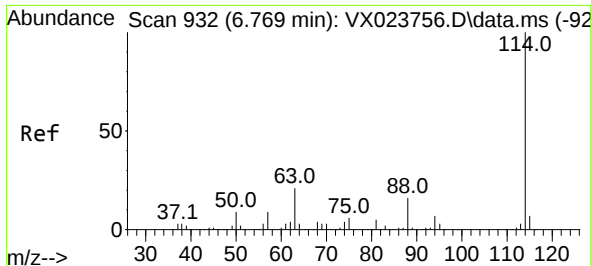
Tgt Ion: 56 Resp: 4776
Ion Ratio Lower Upper
56 100
69 157.5 25.3 37.9#
84 107.2 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 53.942 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023921.D
Acq: 24 Aug 2021 11:01

Tgt Ion: 65 Resp: 151628
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.4

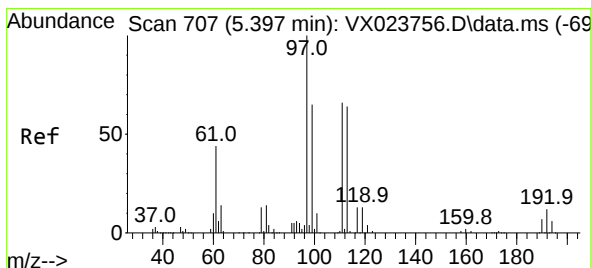
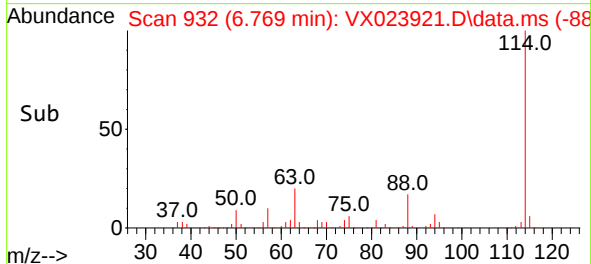
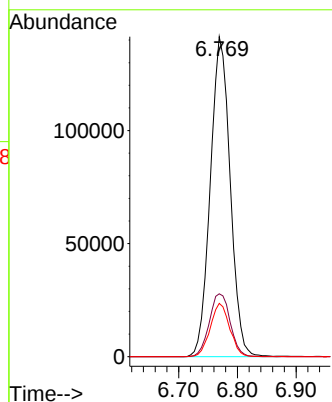
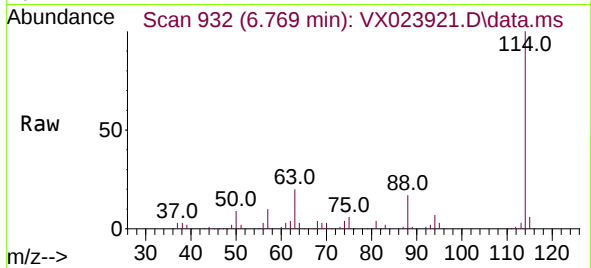




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023921.D
Acq: 24 Aug 2021 11:01

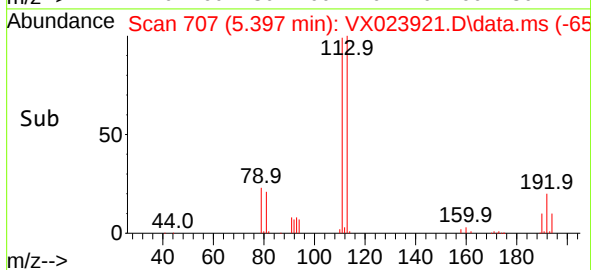
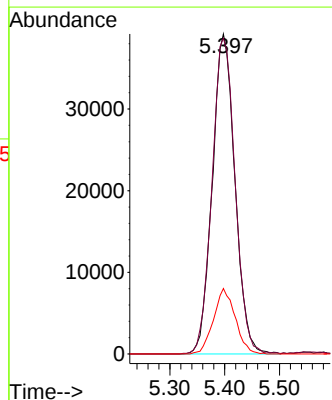
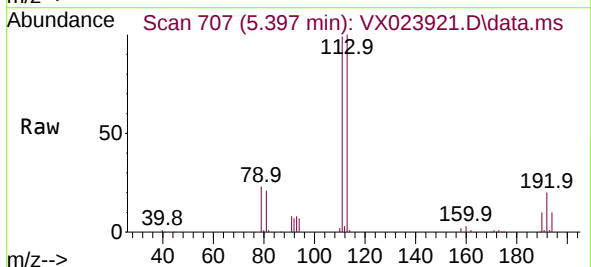
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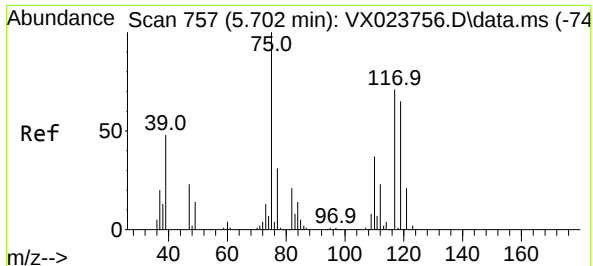
Tgt Ion:114 Resp: 332200
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.8
88 16.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.968 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023921.D
Acq: 24 Aug 2021 11:01

Tgt Ion:113 Resp: 112066
Ion Ratio Lower Upper
113 100
111 101.0 81.9 122.9
192 19.7 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.198 ug/l

RT: 5.562 min Scan# 734

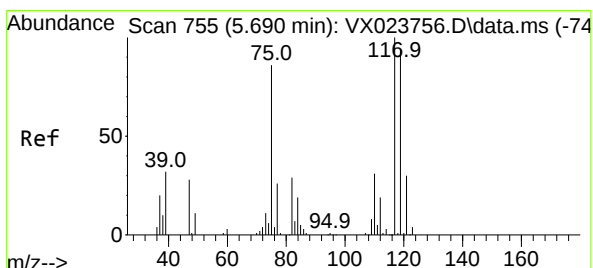
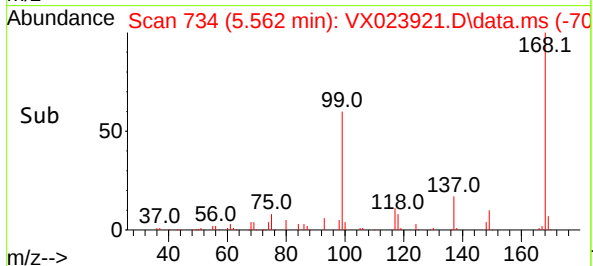
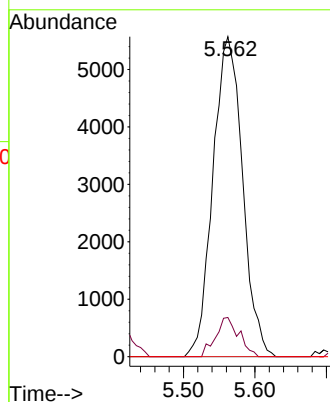
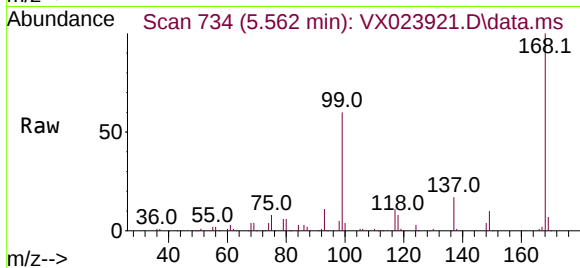
Delta R.T. -0.140 min

Lab File: VX023921.D

Acq: 24 Aug 2021 11:01

Tgt Ion:	75	Resp:	15992
Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampleId :
VX0824WBL01



#38

Carbon Tetrachloride

Concen: 6.605 ug/l

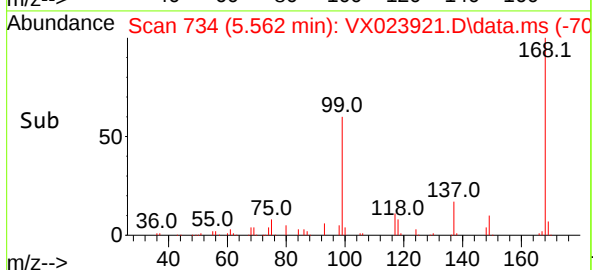
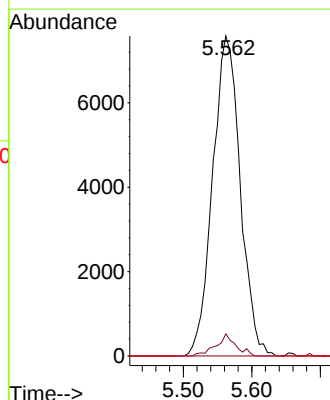
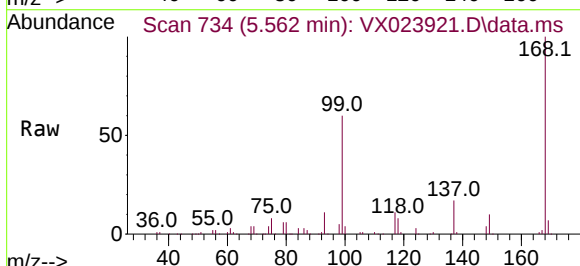
RT: 5.562 min Scan# 734

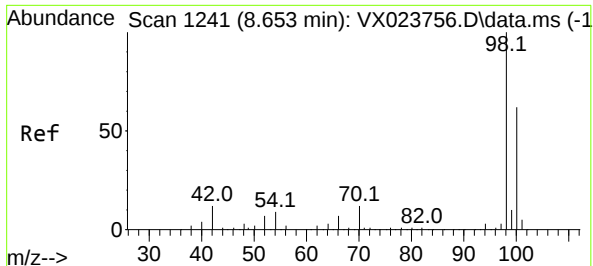
Delta R.T. -0.128 min

Lab File: VX023921.D

Acq: 24 Aug 2021 11:01

Tgt Ion:	117	Resp:	21188
Ion	Ratio	Lower	Upper
117	100		
119	6.9	76.2	114.2#
121	0.0	24.8	37.2#





#50

Toluene-d8

Concen: 48.559 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023921.D

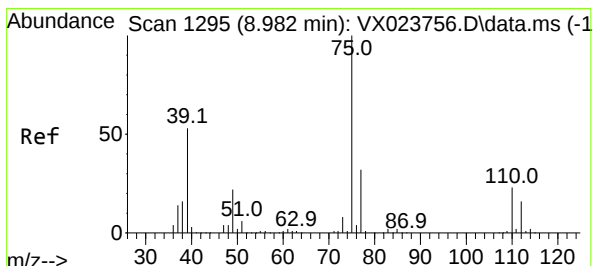
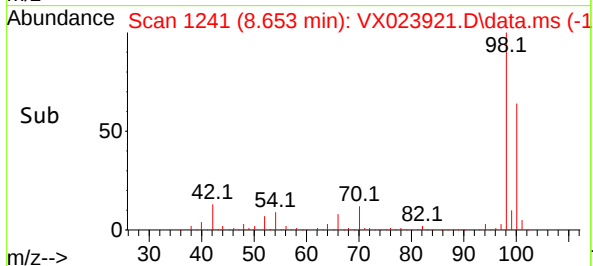
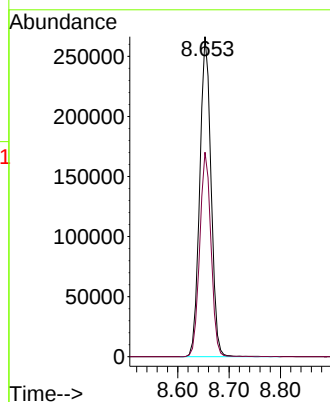
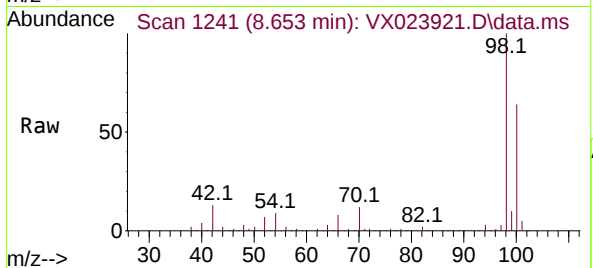
Acq: 24 Aug 2021 11:01

Tgt Ion: 98 Resp: 406370

Ion Ratio Lower Upper

98 100

100 63.7 51.9 77.9



#53

t-1,3-Dichloropropene

Concen: 2.195 ug/l

RT: 8.988 min Scan# 1296

Delta R.T. 0.006 min

Lab File: VX023921.D

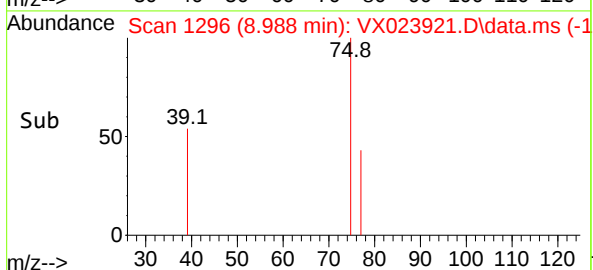
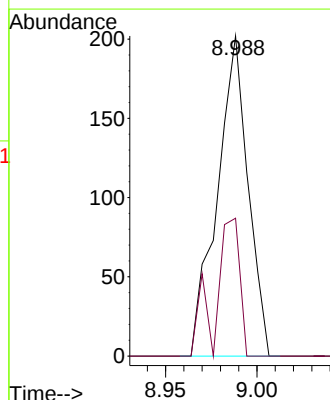
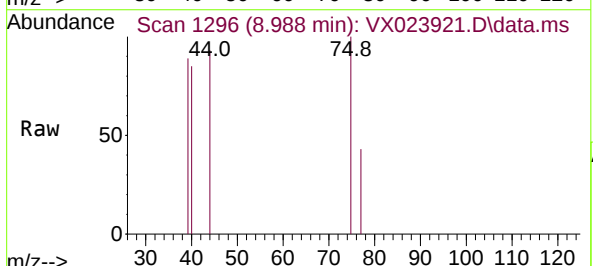
Acq: 24 Aug 2021 11:01

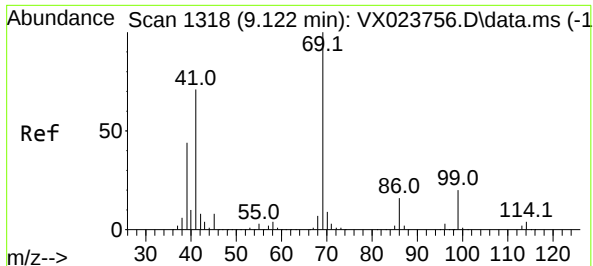
Tgt Ion: 75 Resp: 237

Ion Ratio Lower Upper

75 100

77 43.1 24.9 37.3#

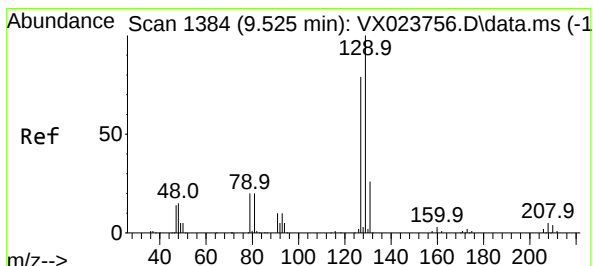
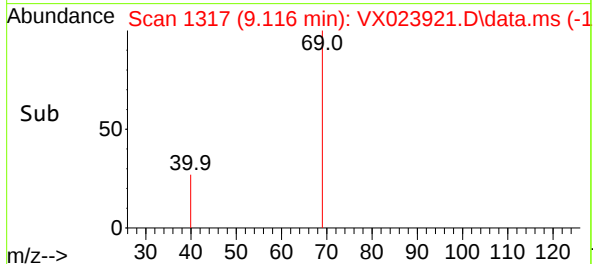
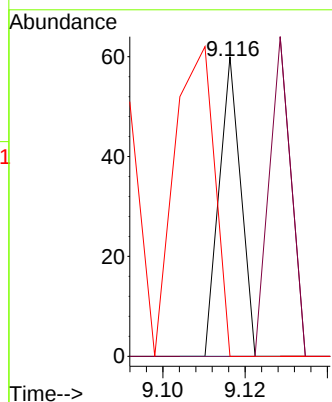
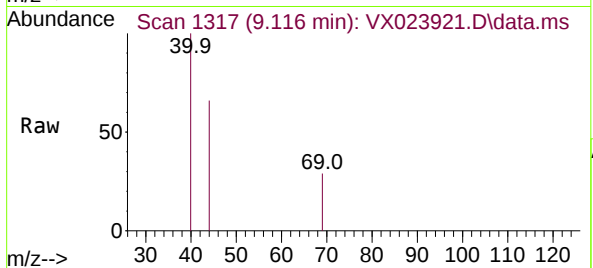




#56
Ethyl methacrylate
Concen: 0.765 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX023921.D
Acq: 24 Aug 2021 11:01

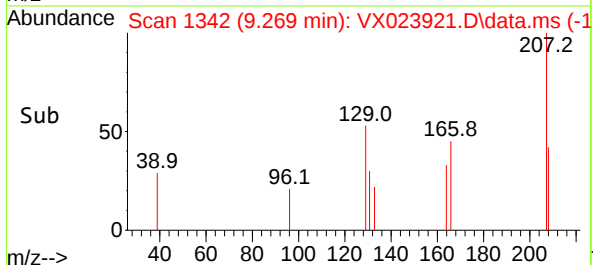
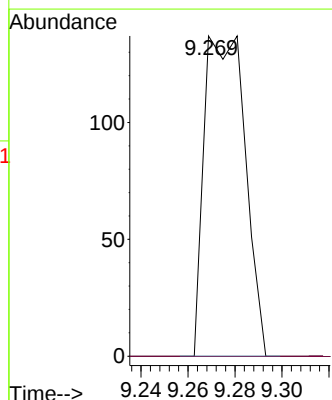
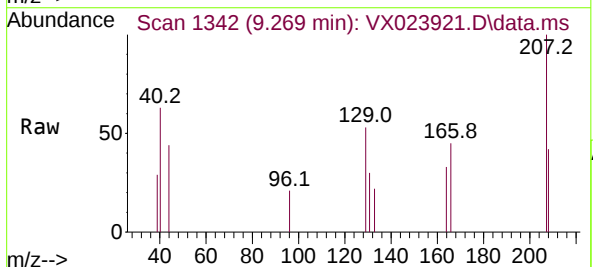
Instrument :
MSVOA_X
ClientSampleId :
VX0824WBL01

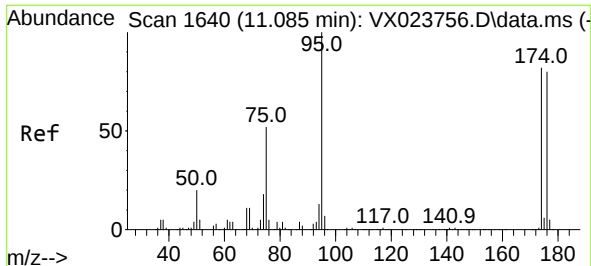
Tgt Ion: 69 Resp: 22
Ion Ratio Lower Upper
69 100
41 104.5 46.8 70.2#
39 277.3 24.7 37.1#



#60
Dibromochloromethane
Concen: 1.747 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.256 min
Lab File: VX023921.D
Acq: 24 Aug 2021 11:01

Tgt Ion: 129 Resp: 165
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

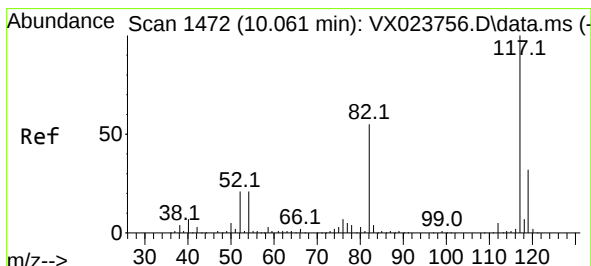
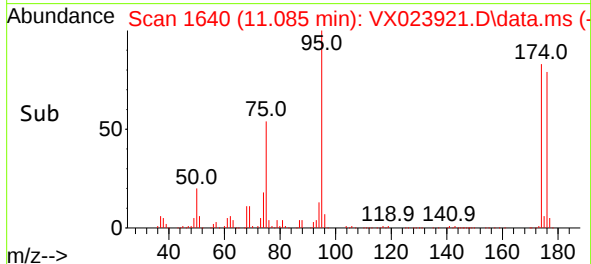
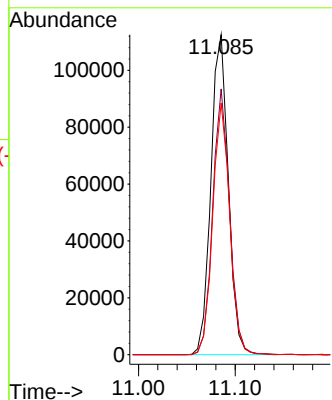
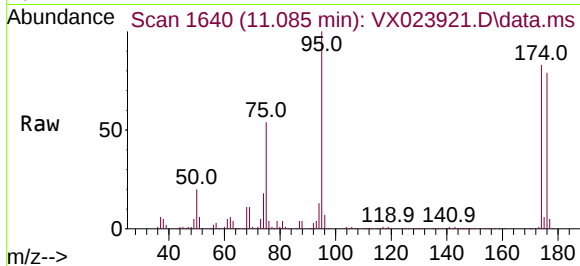




#62
4-Bromofluorobenzene
Concen: 45.771 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023921.D
Acq: 24 Aug 2021 11:01

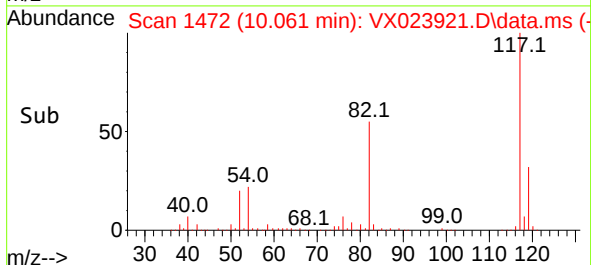
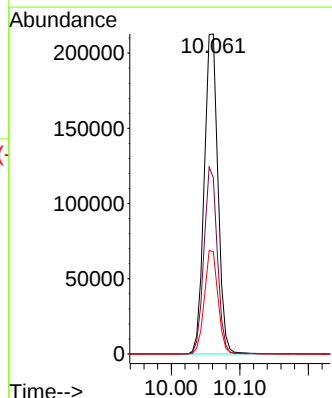
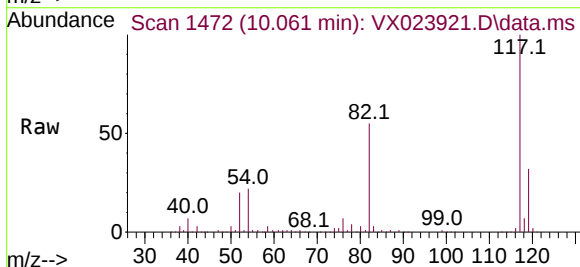
Instrument :
MSVOA_X
ClientSampleId :
VX0824WBL01

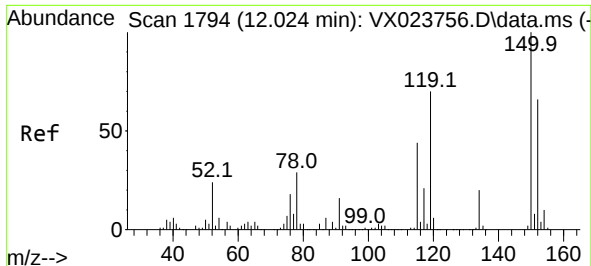
Tgt Ion: 95 Resp: 141006
Ion Ratio Lower Upper
95 100
174 80.5 0.0 154.6
176 76.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX023921.D
Acq: 24 Aug 2021 11:01

Tgt Ion: 117 Resp: 297690
Ion Ratio Lower Upper
117 100
82 55.1 47.4 71.2
119 32.0 26.6 39.8

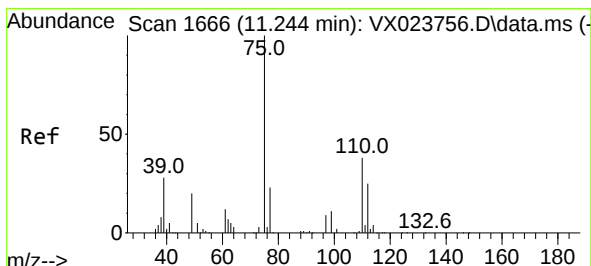
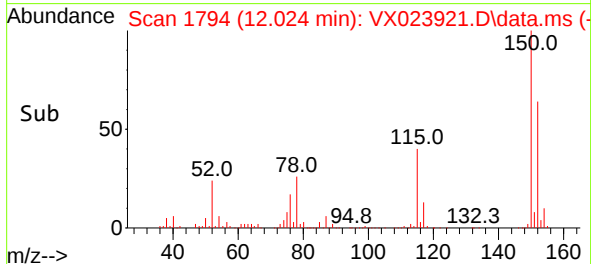
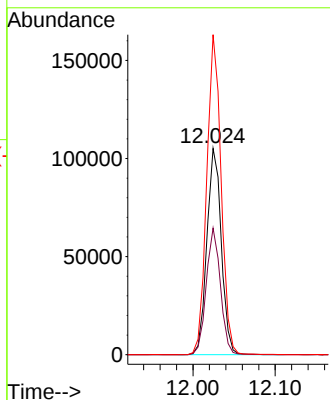
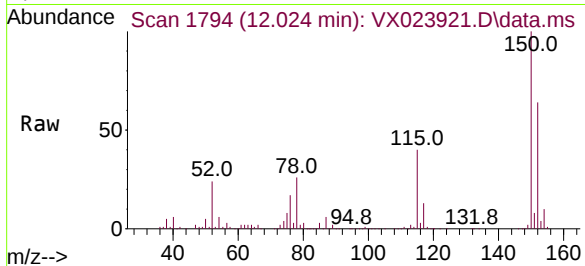




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023921.D
 Acq: 24 Aug 2021 11:01

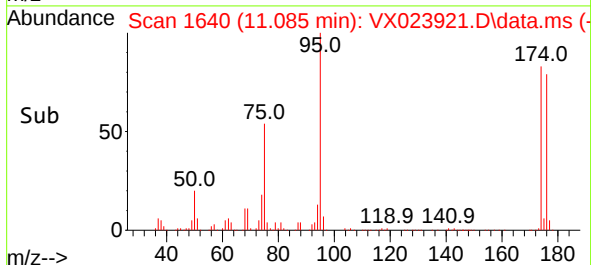
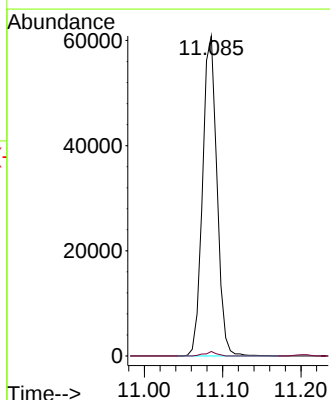
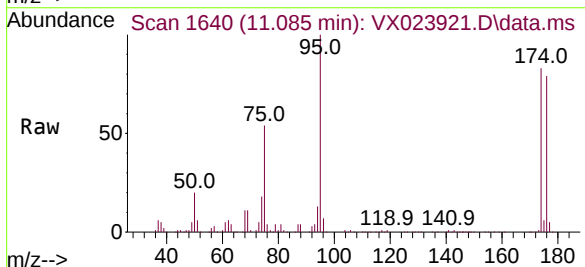
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBL01

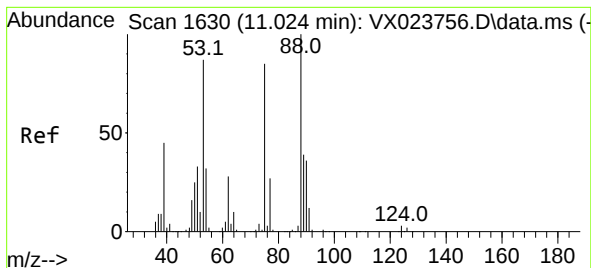
Tgt Ion:152 Resp: 128143
 Ion Ratio Lower Upper
 152 100
 115 60.2 41.1 123.3
 150 154.4 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.919 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023921.D
 Acq: 24 Aug 2021 11:01

Tgt Ion: 75 Resp: 77477
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

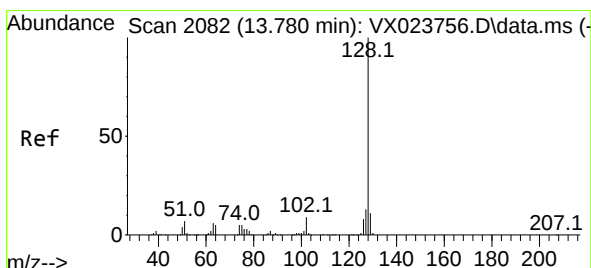
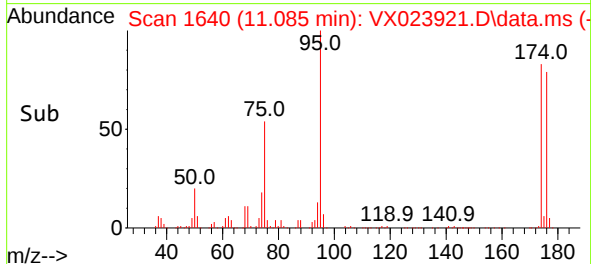
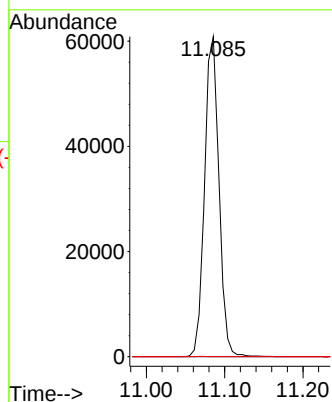
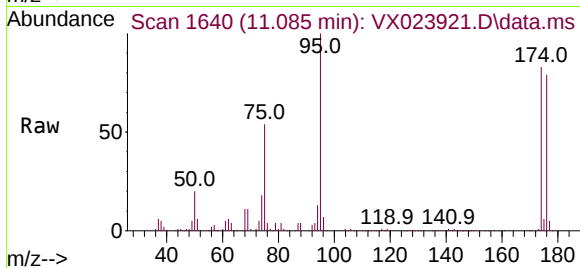




#81
trans-1,4-Dichloro-2-butene
Concen: 76.241 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023921.D
Acq: 24 Aug 2021 11:01

Instrument :
MSVOA_X
ClientSampleId :
VX0824WBL01

Tgt Ion: 75 Resp: 77477
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#



#95
Naphthalene
Concen: 1.348 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023921.D
Acq: 24 Aug 2021 11:01

Tgt Ion: 128 Resp: 634
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

