

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100821\
 Data File : VX024684.D
 Acq On : 08 Oct 2021 20:41
 Operator : JC/MD
 Sample : M4156-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 11 05:51:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

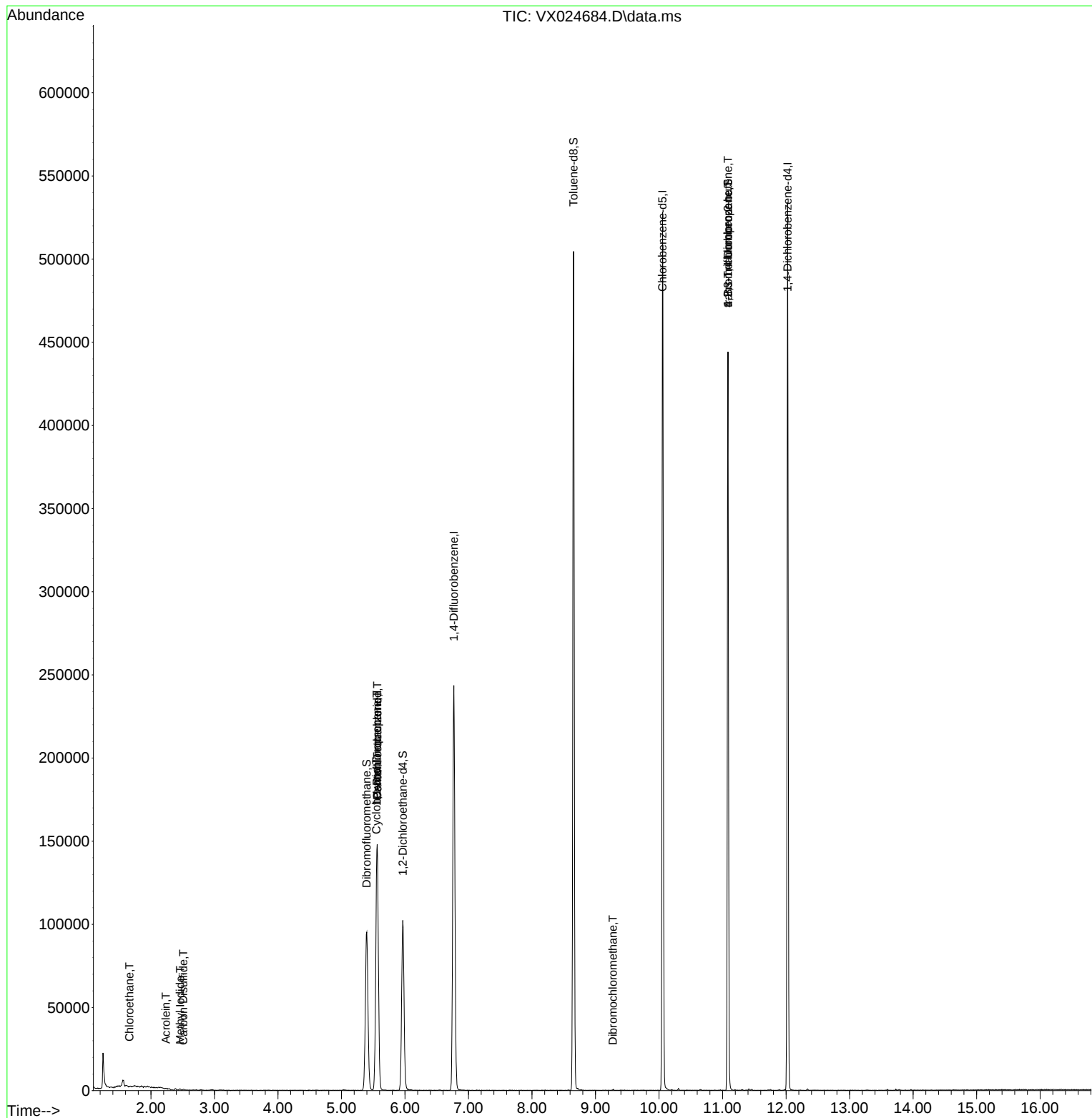
Internal Standards						
1) Pentafluorobenzene	5.562	168	140412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	241010	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	101954	51.520	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 103.040%		
35) Dibromofluoromethane	5.397	113	79550	49.685	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.360%		
50) Toluene-d8	8.653	98	293882	49.871	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 99.740%		
62) 4-Bromofluorobenzene	11.085	95	109899	47.432	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 94.860%		
Target Compounds						
					Qvalue	
6) Chloroethane	1.660	64	626	0.929	ug/l #	43
10) Methyl Iodide	2.459	142	862	0.444	ug/l #	92
11) Tert butyl alcohol	2.965	59	409	Below Cal	#	73
13) Acrolein	2.233	56	21	10.246	ug/l #	14
16) Acetone	2.386	43	1016	Below Cal		98
17) Carbon Disulfide	2.508	76	734	0.448	ug/l #	75
20) Methylene Chloride	2.788	84	133	Below Cal	#	58
31) Cyclohexane	5.550	56	3008	1.269	ug/l #	40
36) 1,1-Dichloropropene	5.556	75	11181	4.839	ug/l #	49
38) Carbon Tetrachloride	5.562	117	14282	5.679	ug/l #	15
60) Dibromochloromethane	9.275	129	168	1.269	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	60302	24.899	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	60302	67.906	ug/l #	12

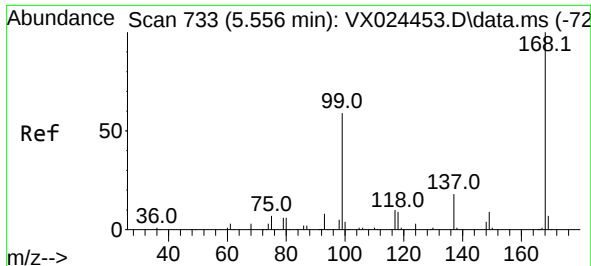
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
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QLast Update : Thu Sep 23 18:24:34 2021
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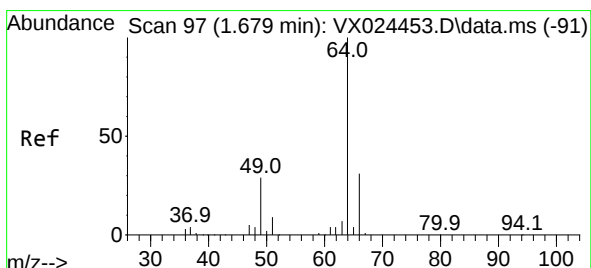
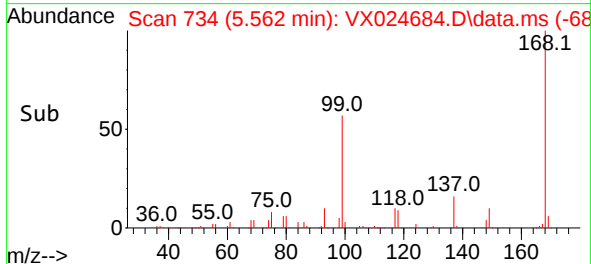
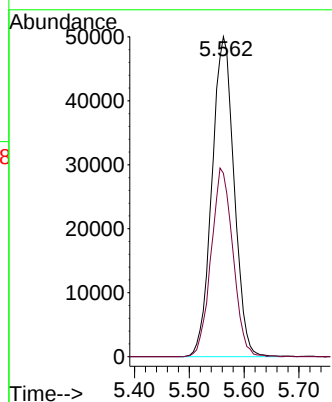
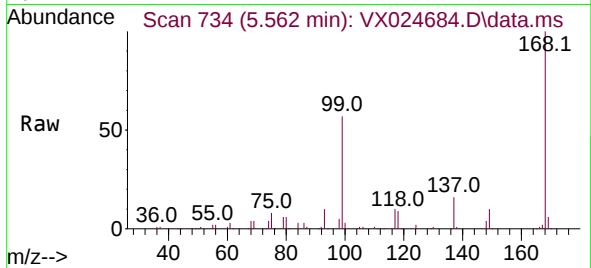




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024684.D
Acq: 08 Oct 2021 20:41

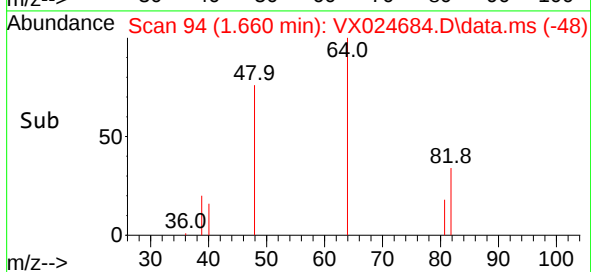
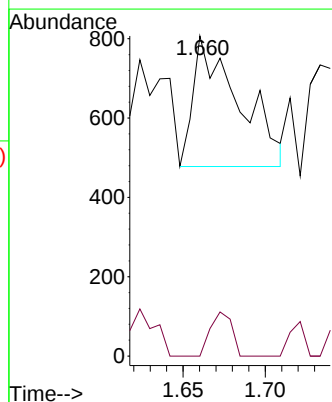
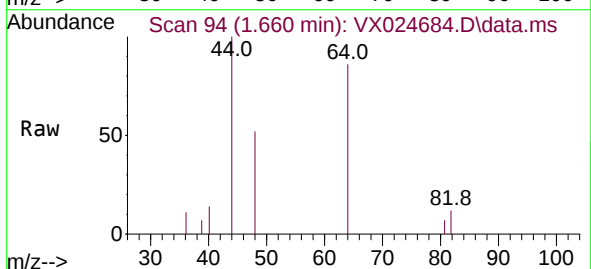
Instrument :
MSVOA_X
ClientSampleId :

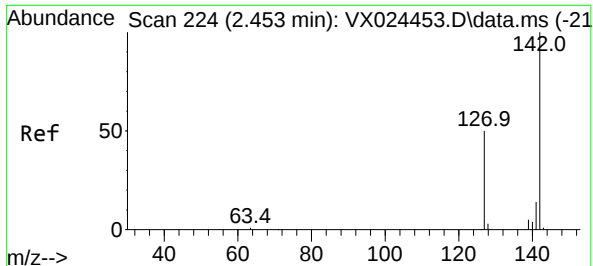
Tgt Ion:168 Resp: 140412
Ion Ratio Lower Upper
168 100
99 57.3 45.8 68.6



#6
Chloroethane
Concen: 0.929 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX024684.D
Acq: 08 Oct 2021 20:41

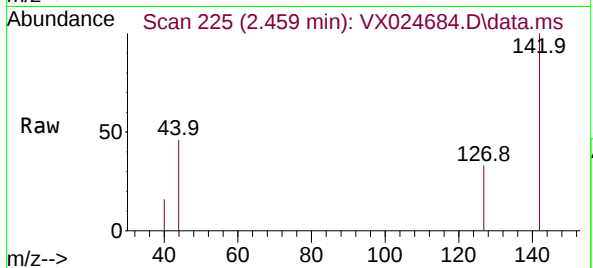
Tgt Ion: 64 Resp: 626
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



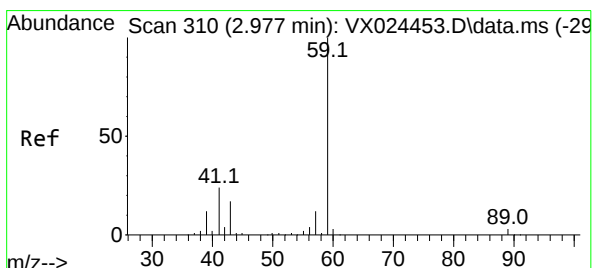
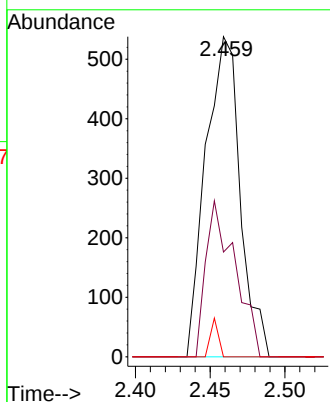
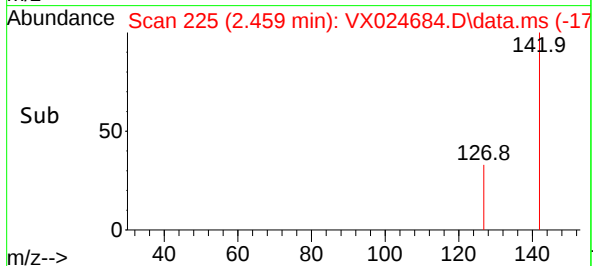


#10
Methyl Iodide
Concen: 0.444 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024684.D
Acq: 08 Oct 2021 20:41

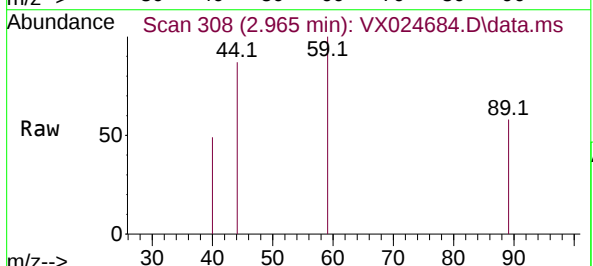
Instrument :
MSVOA_X
ClientSampled :



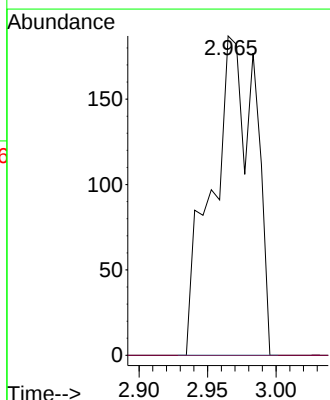
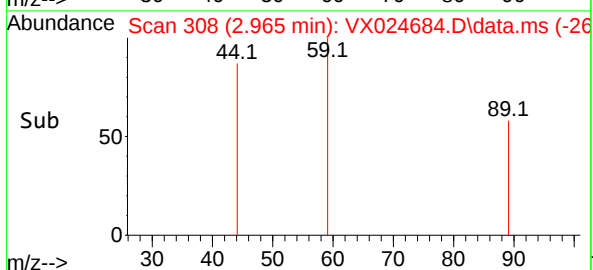
Tgt Ion:142 Resp: 862
Ion Ratio Lower Upper
142 100
127 41.1 33.3 49.9
141 2.8 11.4 17.0#

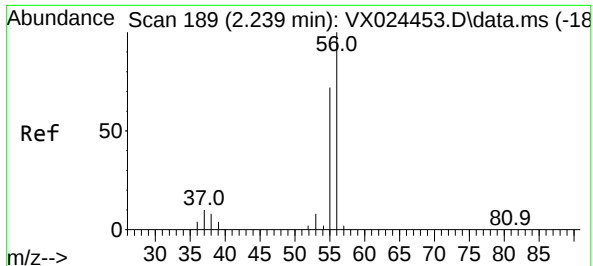


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX024684.D
Acq: 08 Oct 2021 20:41



Tgt Ion: 59 Resp: 409
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

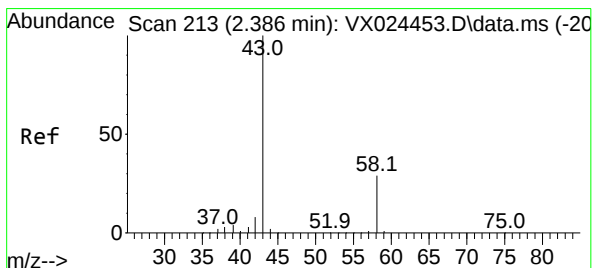
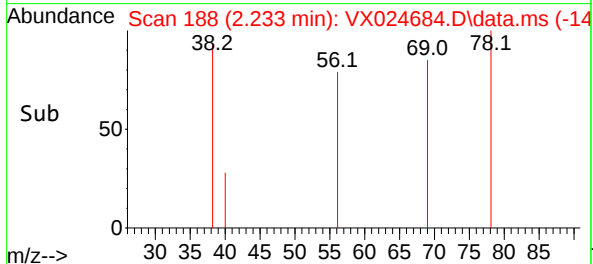
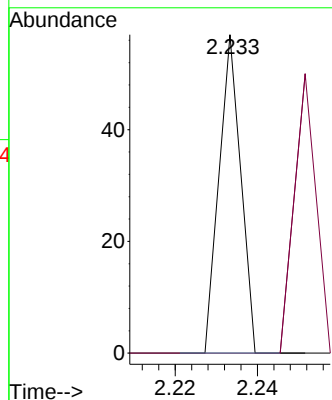
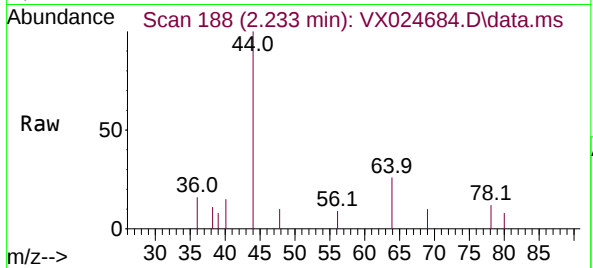




#13
Acrolein
Concen: 10.246 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX024684.D
Acq: 08 Oct 2021 20:41

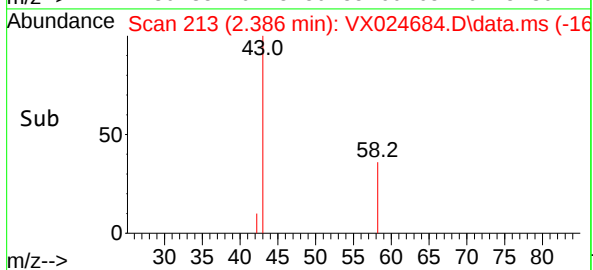
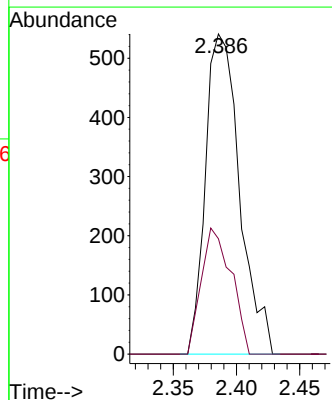
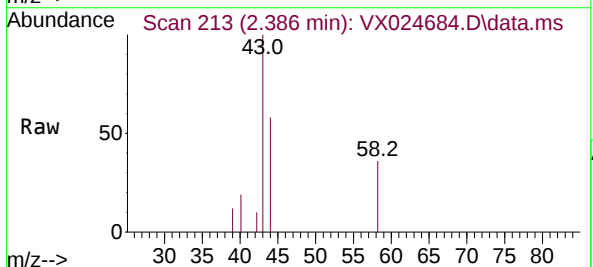
Instrument :
MSVOA_X
ClientSampled :

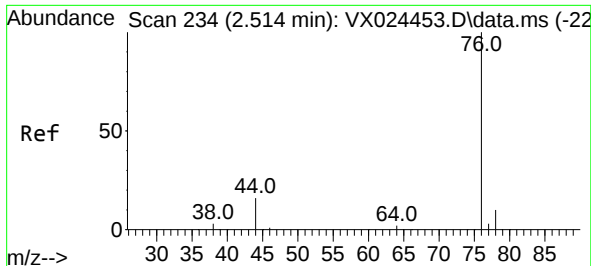
Tgt Ion: 56 Resp: 21
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024684.D
Acq: 08 Oct 2021 20:41

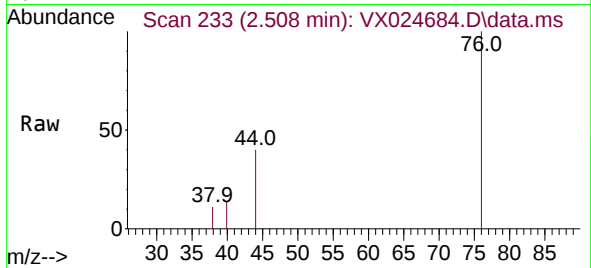
Tgt Ion: 43 Resp: 1016
Ion Ratio Lower Upper
43 100
58 36.0 27.8 41.8



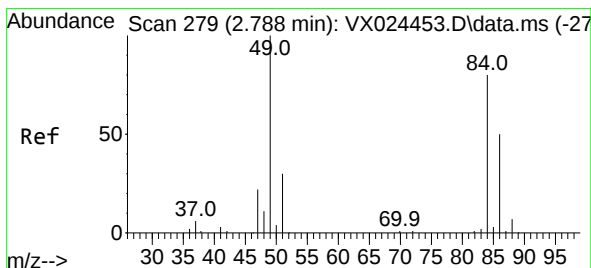
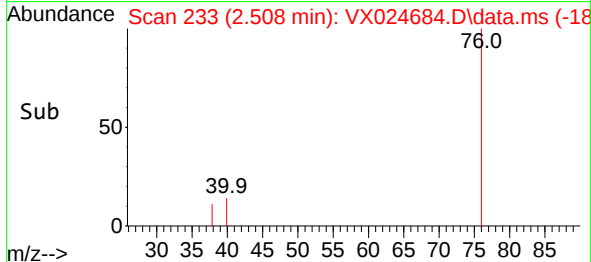
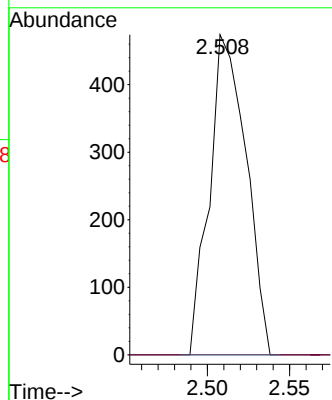


#17
Carbon Disulfide
Concen: 0.448 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX024684.D
Acq: 08 Oct 2021 20:41

Instrument :
MSVOA_X
ClientSampled :

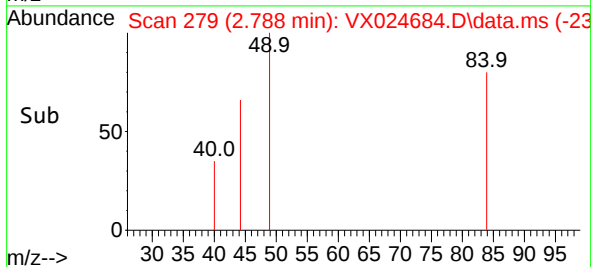
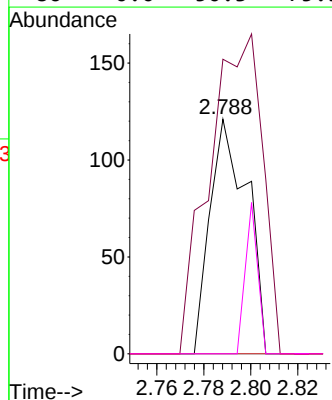
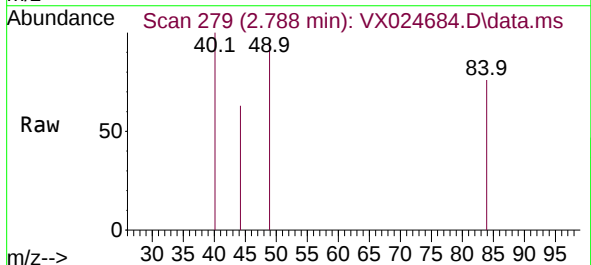


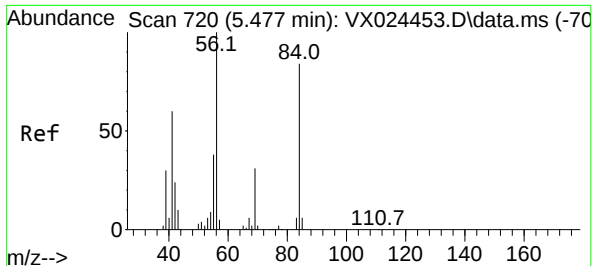
Tgt Ion: 76 Resp: 734
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX024684.D
Acq: 08 Oct 2021 20:41

Tgt Ion: 84 Resp: 133
Ion Ratio Lower Upper
84 100
49 125.6 88.6 132.8
51 0.0 27.0 40.6#
86 0.0 50.3 75.5#

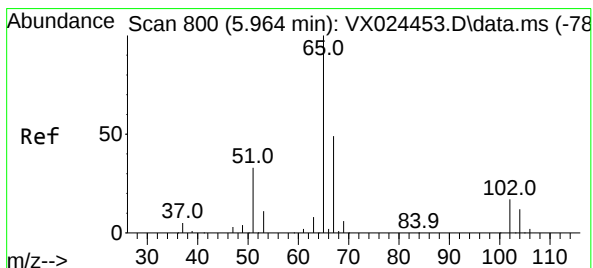
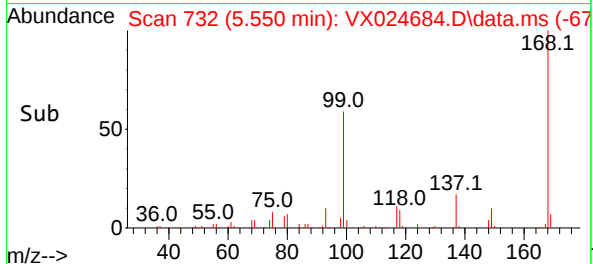
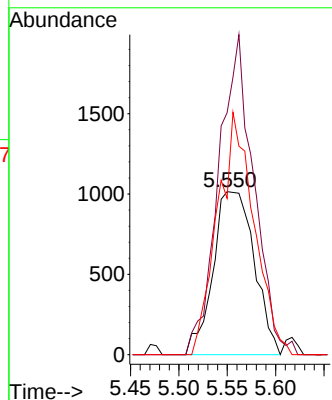
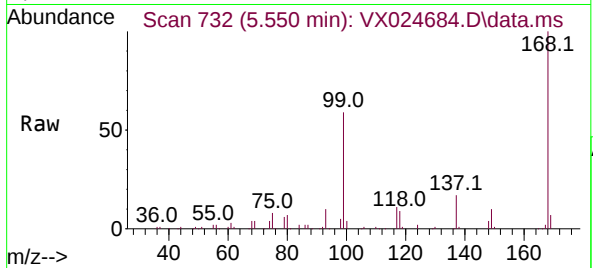




#31
Cyclohexane
Concen: 1.269 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX024684.D
Acq: 08 Oct 2021 20:41

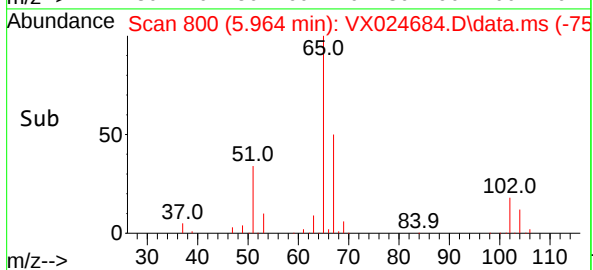
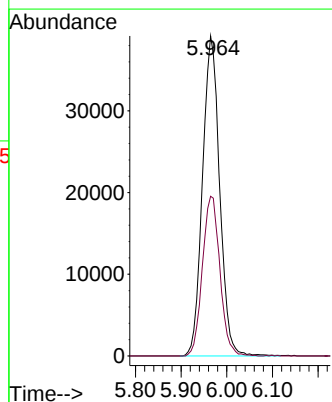
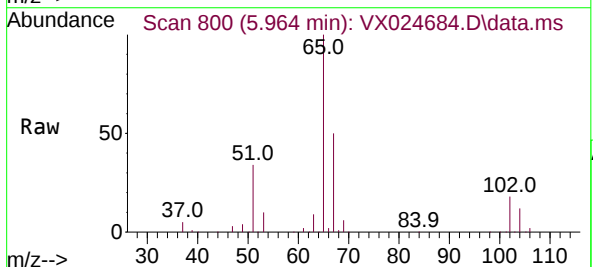
Instrument :
MSVOA_X
ClientSampled :

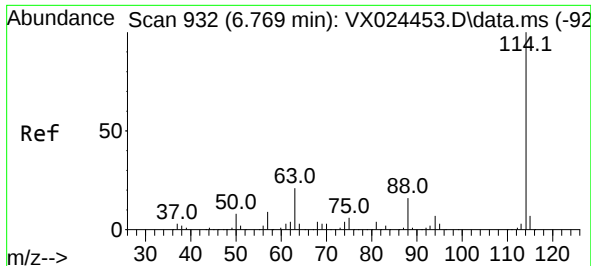
Tgt Ion: 56 Resp: 3008
Ion Ratio Lower Upper
56 100
69 148.4 25.3 37.9#
84 95.9 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 51.520 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024684.D
Acq: 08 Oct 2021 20:41

Tgt Ion: 65 Resp: 101954
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.4

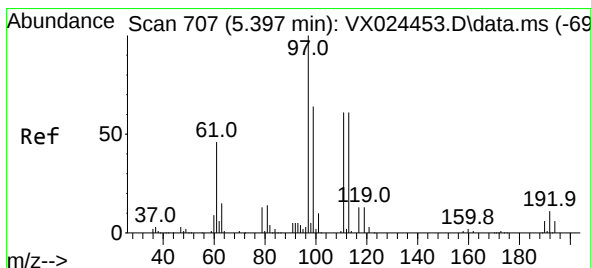
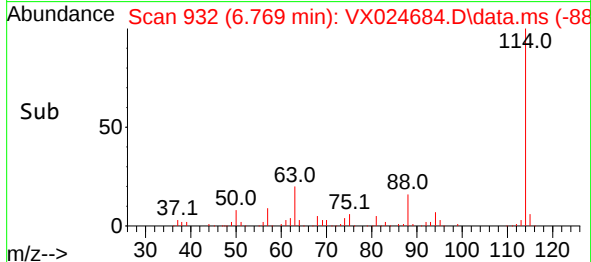
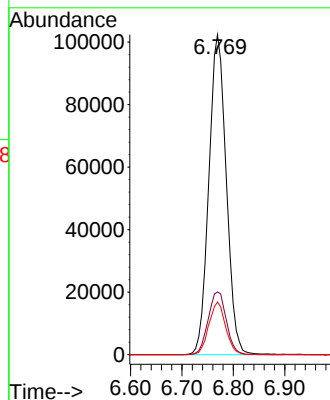
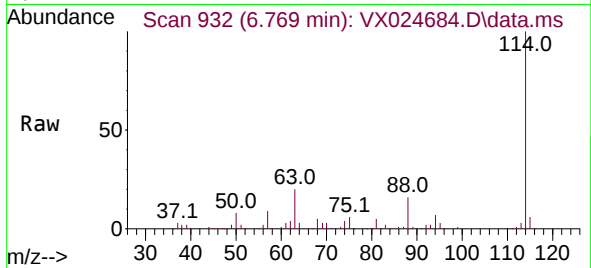




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024684.D
Acq: 08 Oct 2021 20:41

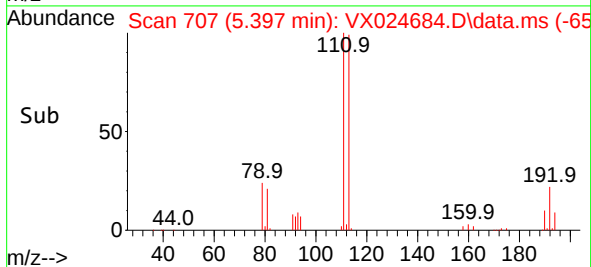
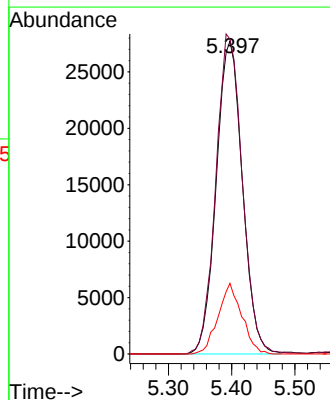
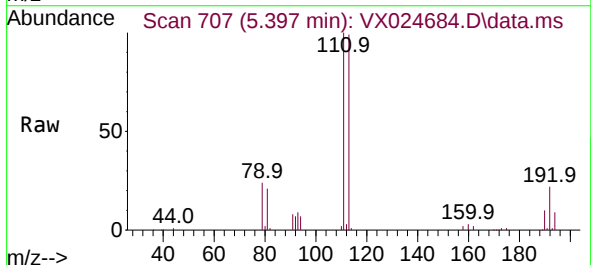
Instrument :
MSVOA_X
ClientSampleId :

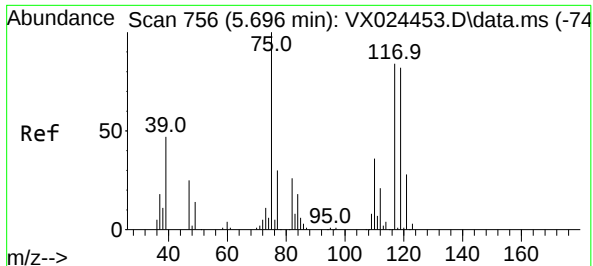
Tgt Ion:114 Resp: 241010
Ion Ratio Lower Upper
114 100
63 19.6 0.0 40.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.685 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024684.D
Acq: 08 Oct 2021 20:41

Tgt Ion:113 Resp: 79550
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 20.5 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.839 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX024684.D

Acq: 08 Oct 2021 20:41

Tgt Ion: 75 Resp: 11181

Ion Ratio Lower Upper

75 100

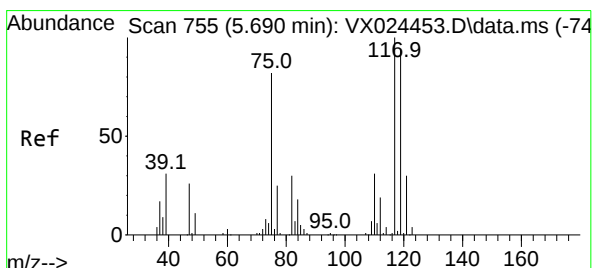
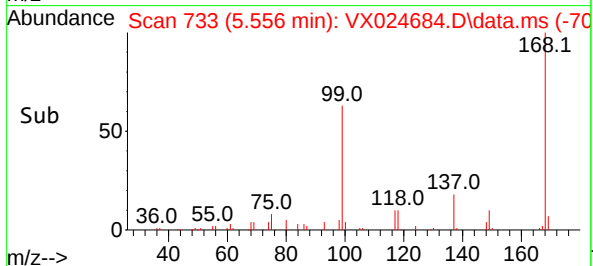
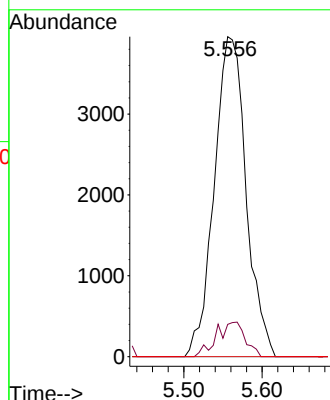
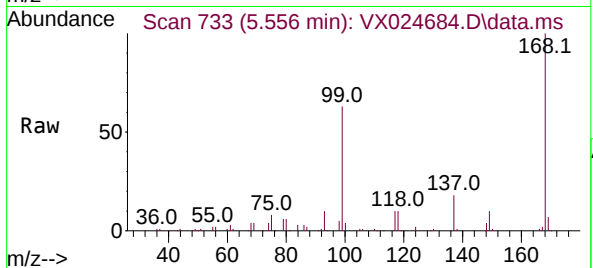
110 9.8 18.1 54.4#

77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.679 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.128 min

Lab File: VX024684.D

Acq: 08 Oct 2021 20:41

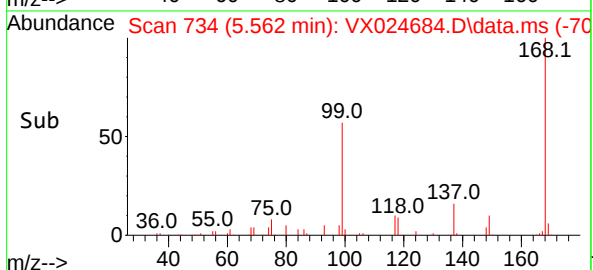
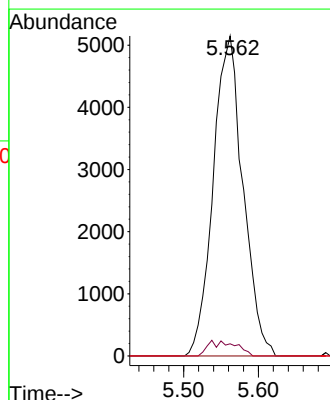
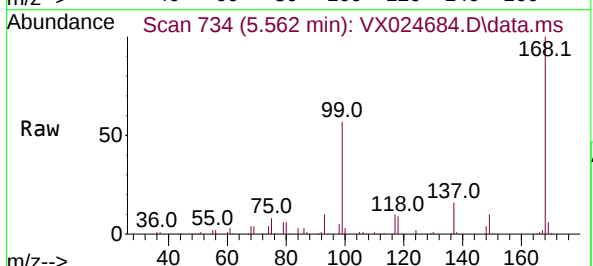
Tgt Ion:117 Resp: 14282

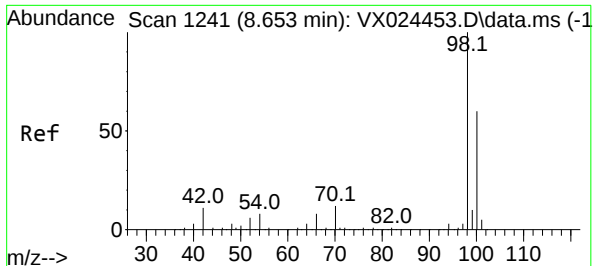
Ion Ratio Lower Upper

117 100

119 3.8 76.2 114.2#

121 0.0 24.8 37.2#

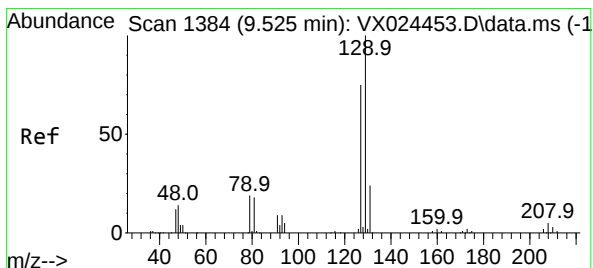
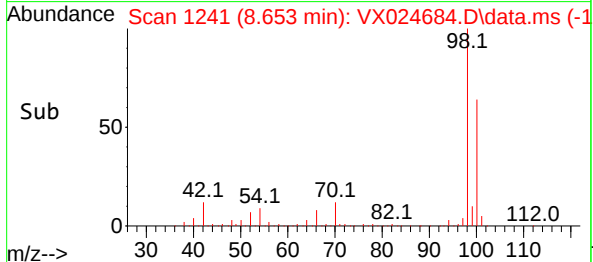
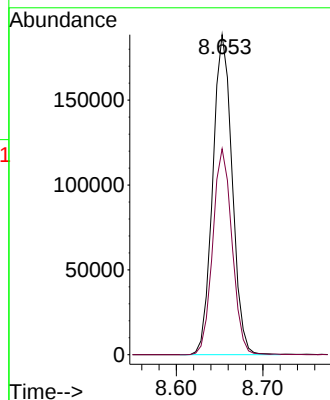
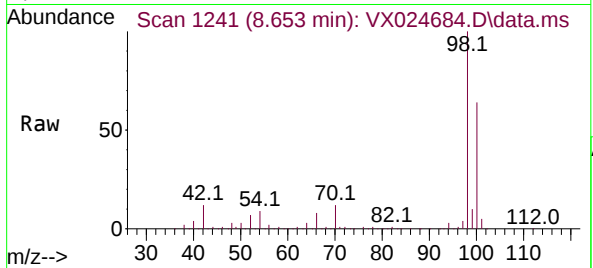




#50
Toluene-d8
Concen: 49.871 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024684.D
Acq: 08 Oct 2021 20:41

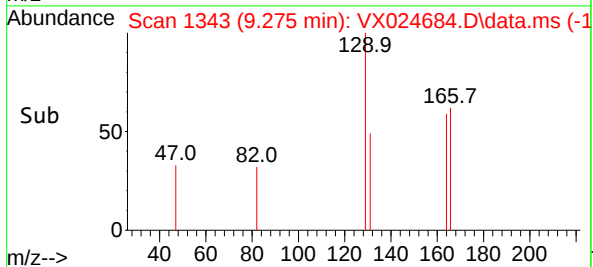
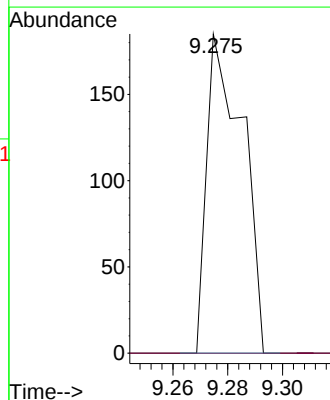
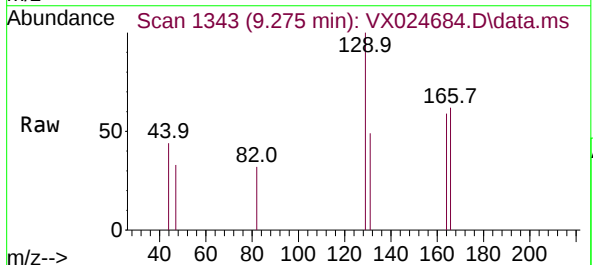
Instrument :
MSVOA_X
ClientSampled :

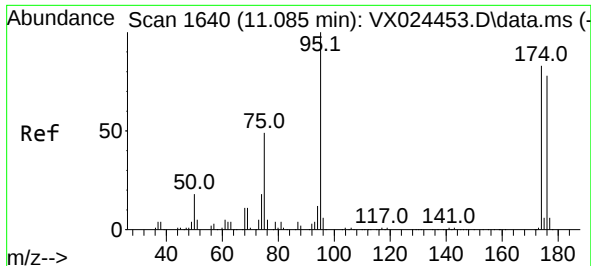
Tgt Ion: 98 Resp: 293882
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9



#60
Dibromochloromethane
Concen: 1.269 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX024684.D
Acq: 08 Oct 2021 20:41

Tgt Ion:129 Resp: 168
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

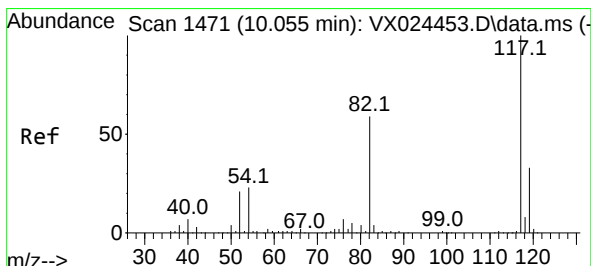
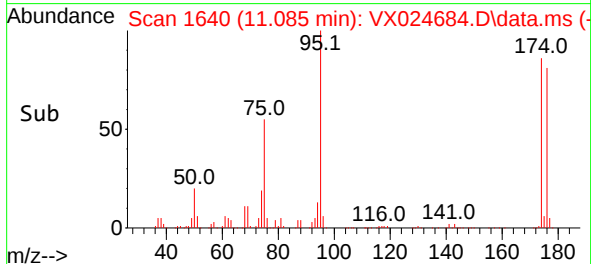
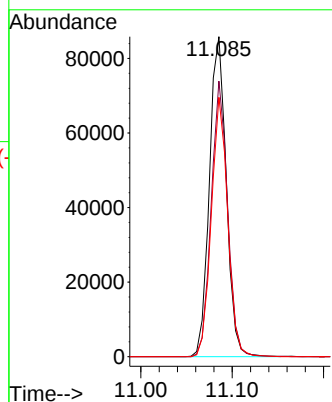
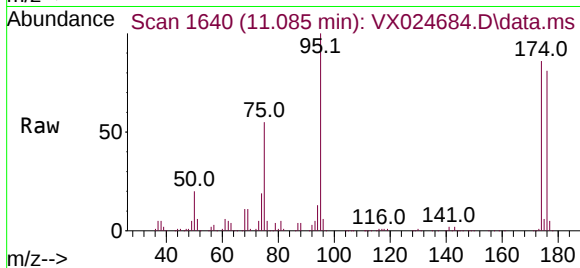




#62
4-Bromofluorobenzene
Concen: 47.432 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024684.D
Acq: 08 Oct 2021 20:41

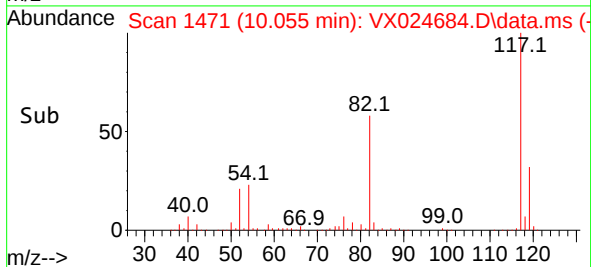
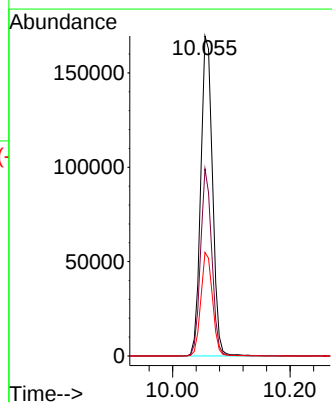
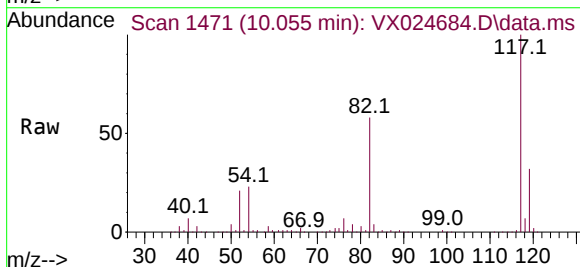
Instrument :
MSVOA_X
ClientSampleId :

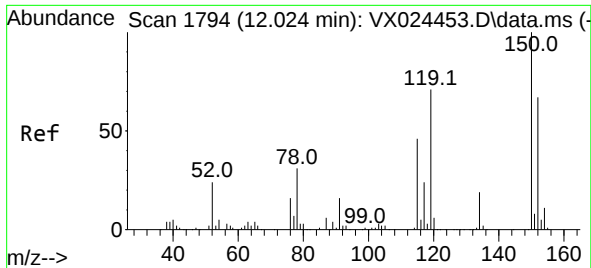
Tgt Ion: 95 Resp: 109899
Ion Ratio Lower Upper
95 100
174 83.7 0.0 154.6
176 78.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024684.D
Acq: 08 Oct 2021 20:41

Tgt Ion: 117 Resp: 234772
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.2
119 32.3 26.6 39.8

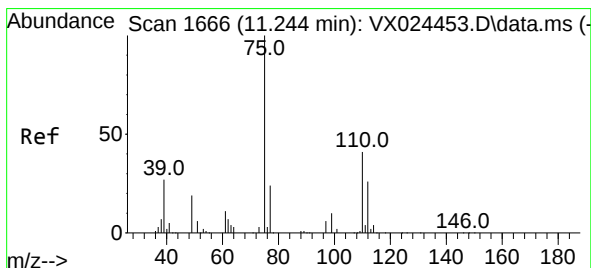
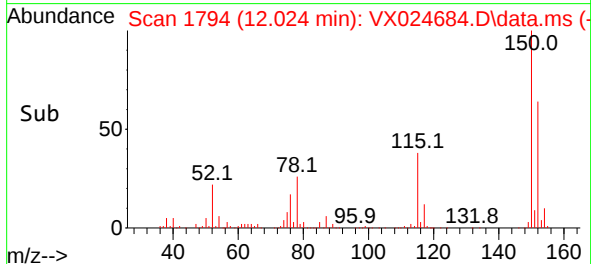
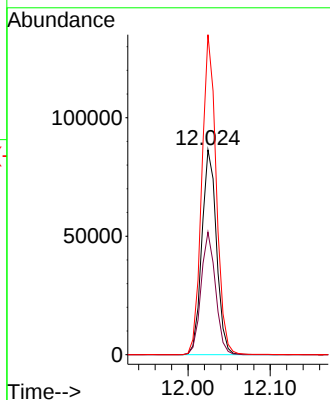
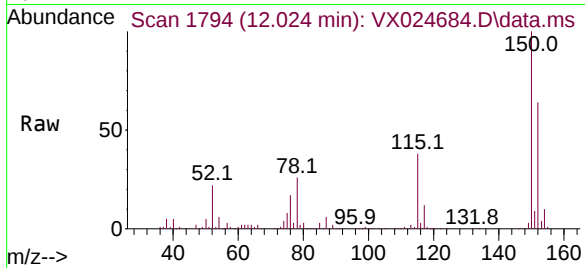




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024684.D
Acq: 08 Oct 2021 20:41

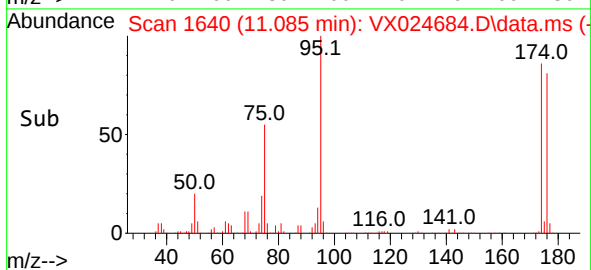
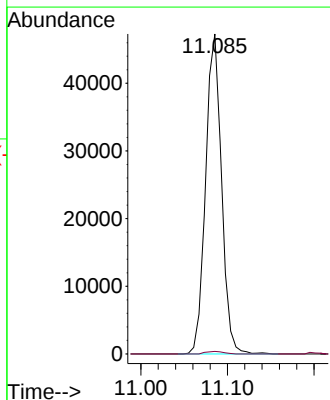
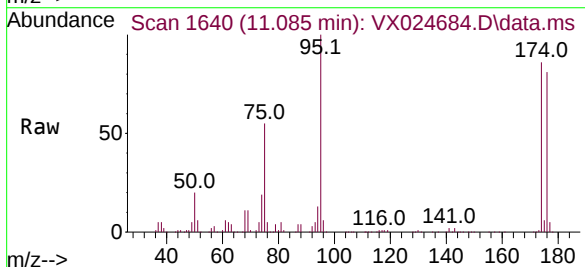
Instrument :
MSVOA_X
ClientSampled :

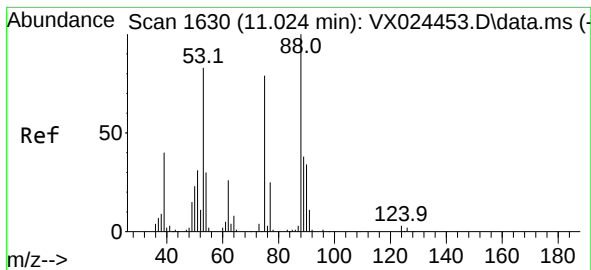
Tgt Ion:152 Resp: 106646
Ion Ratio Lower Upper
152 100
115 59.2 41.1 123.3
150 154.4 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.899 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024684.D
Acq: 08 Oct 2021 20:41

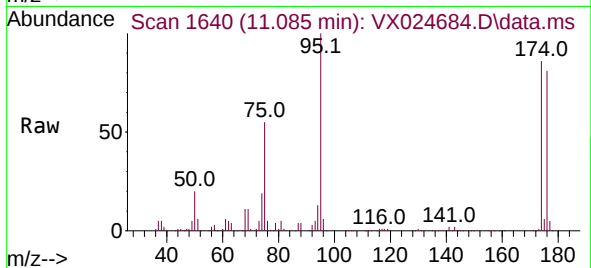
Tgt Ion: 75 Resp: 60302
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.906 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX024684.D
 Acq: 08 Oct 2021 20:41

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 60302
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.1 37.9 56.9#

