

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052821\
 Data File : VX022226.D
 Acq On : 27 May 2021 12:45
 Operator : JC/MD
 Sample : VX0528WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0528WBL01

Quant Time: May 27 13:40:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

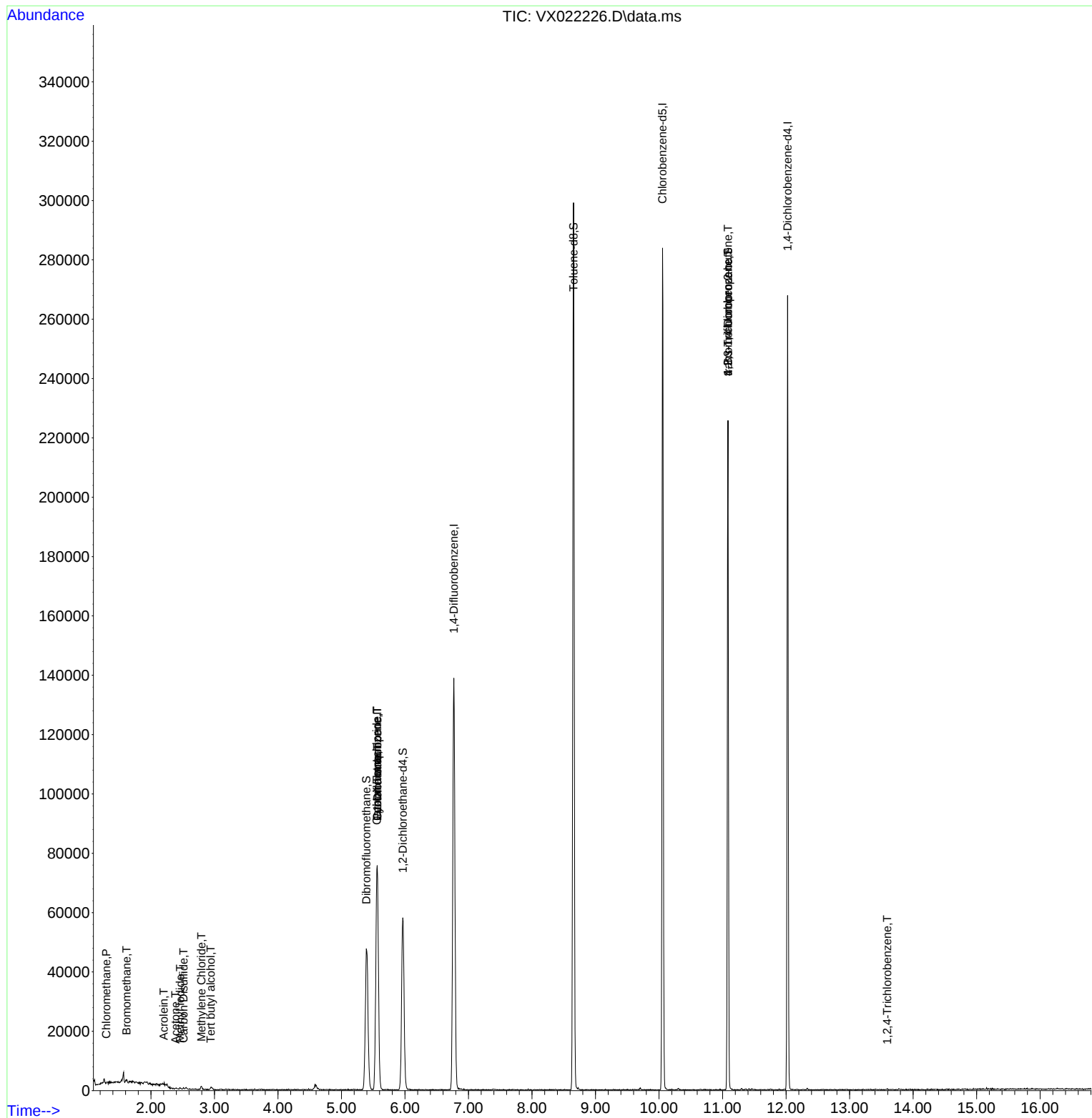
Internal Standards						
1) Pentafluorobenzene	5.562	168	66985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	140122	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47057	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54668	52.91	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.82%			
35) Dibromofluoromethane	5.391	113	42545	47.88	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.76%			
50) Toluene-d8	8.653	98	172380	50.36	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.72%			
62) 4-Bromofluorobenzene	11.085	95	60188	47.57	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.14%			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	177	0.20	ug/l #	42
5) Bromomethane	1.617	94	355	0.66	ug/l #	67
10) Methyl Iodide	2.459	142	461	0.54	ug/l #	90
11) Tert butyl alcohol	2.940	59	326	1.38	ug/l #	73
13) Acrolein	2.203	56	69	0.44	ug/l	84
16) Acetone	2.385	43	410	0.91	ug/l #	84
17) Carbon Disulfide	2.513	76	422	0.21	ug/l #	75
20) Methylene Chloride	2.794	84	376	0.38	ug/l #	83
31) Cyclohexane	5.562	56	1897	1.46	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	6535	5.04	ug/l #	45
38) Carbon Tetrachloride	5.556	117	7646	6.03	ug/l #	15
76) 1,2,3-Trichloropropane	11.085	75	31558	27.18	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	31558	64.41	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.591	180	196	0.21	ug/l	71

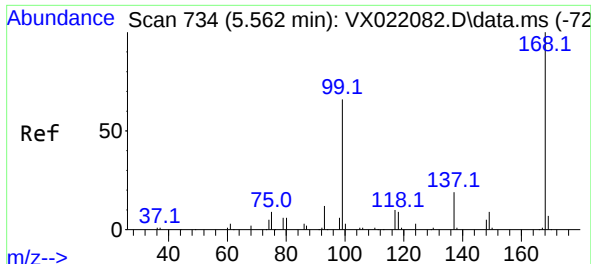
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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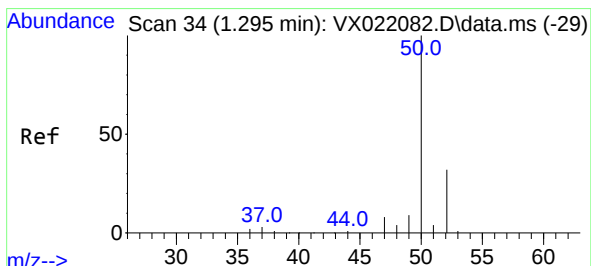
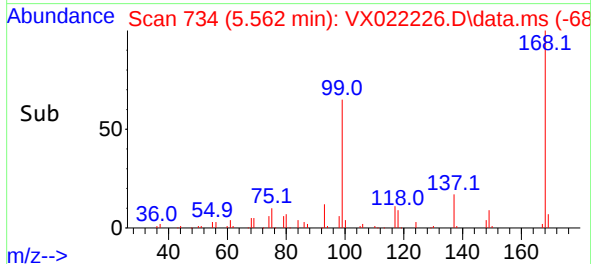
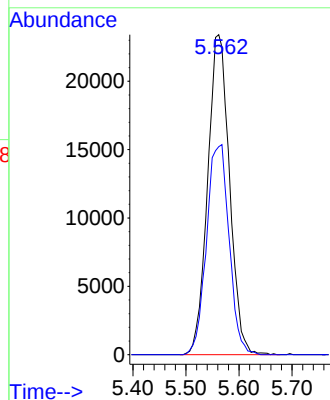
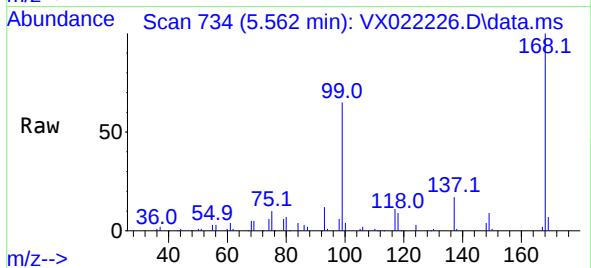




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022226.D
Acq: 27 May 2021 12:45

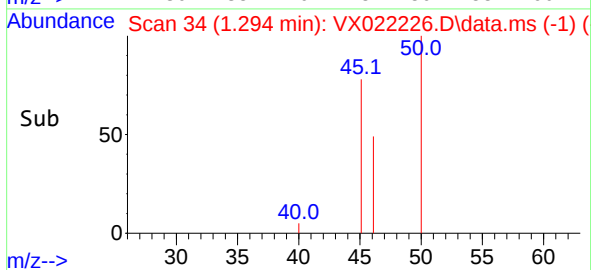
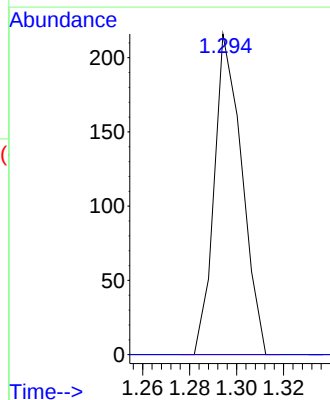
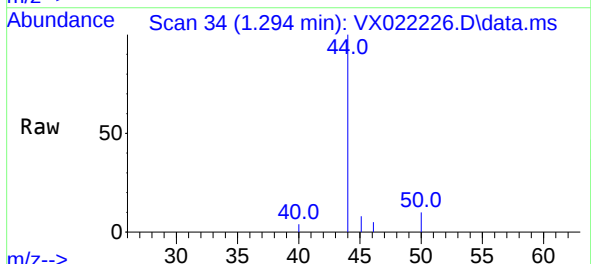
Instrument :
MSVOA_X
ClientSampleId :
VX0528WBL01

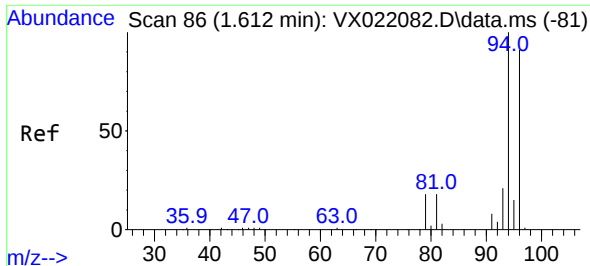
Tgt Ion:168 Resp: 66985
Ion Ratio Lower Upper
168 100
99 65.0 45.8 68.6



#3
Chloromethane
Concen: 0.20 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX022226.D
Acq: 27 May 2021 12:45

Tgt Ion: 50 Resp: 177
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

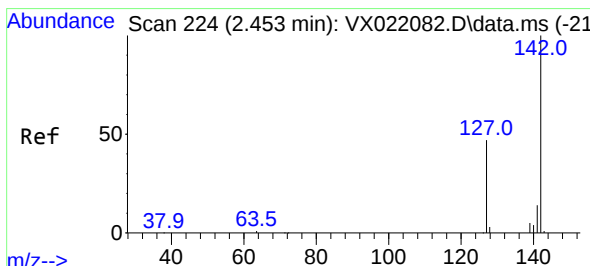
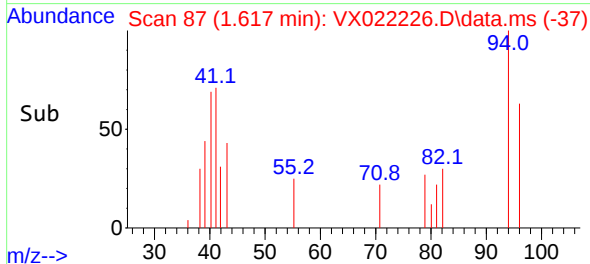
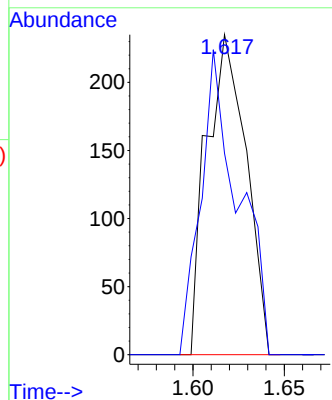
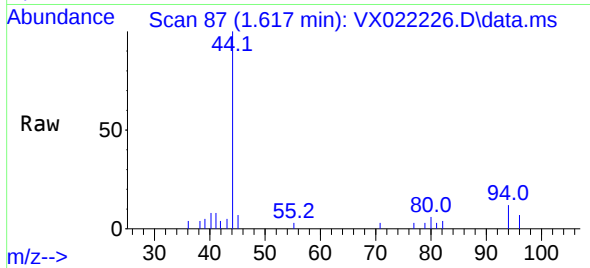




#5
Bromomethane
Concen: 0.66 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.005 min
Lab File: VX022226.D
Acq: 27 May 2021 12:45

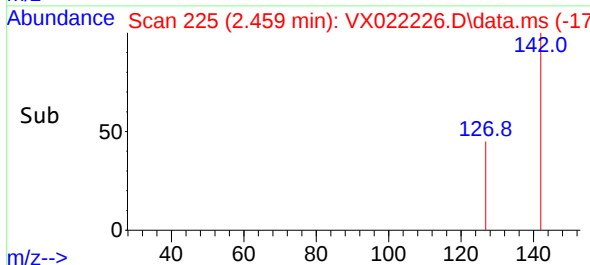
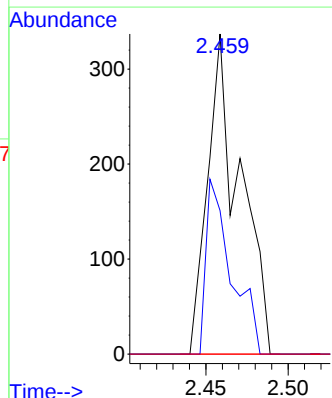
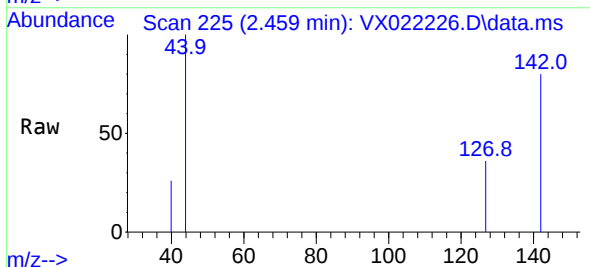
Instrument :
MSVOA_X
ClientSampleId :
VX0528WBL01

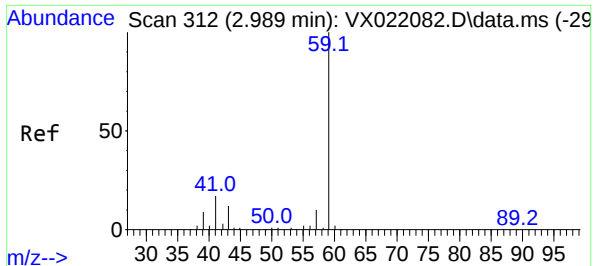
Tgt Ion: 94 Resp: 355
Ion Ratio Lower Upper
94 100
96 63.0 76.4 114.6#



#10
Methyl Iodide
Concen: 0.54 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022226.D
Acq: 27 May 2021 12:45

Tgt Ion: 142 Resp: 461
Ion Ratio Lower Upper
142 100
127 42.7 33.3 49.9
141 0.0 11.4 17.0#



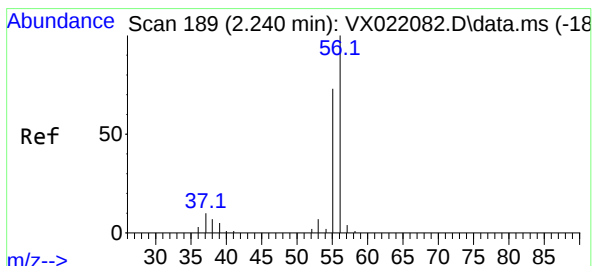
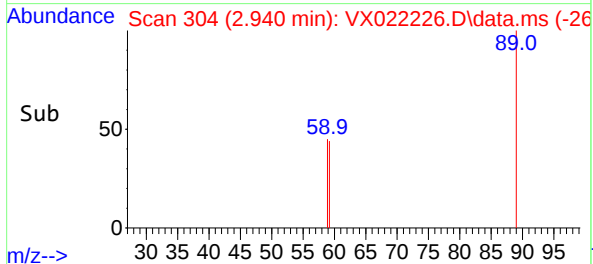
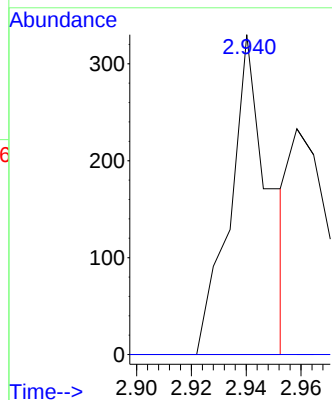
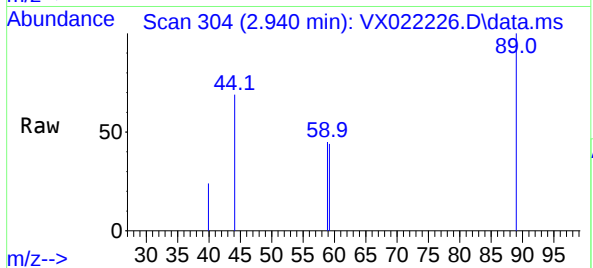


#11

Tert butyl alcohol
Concen: 1.38 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.049 min
Lab File: VX022226.D
Acq: 27 May 2021 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX0528WBL01

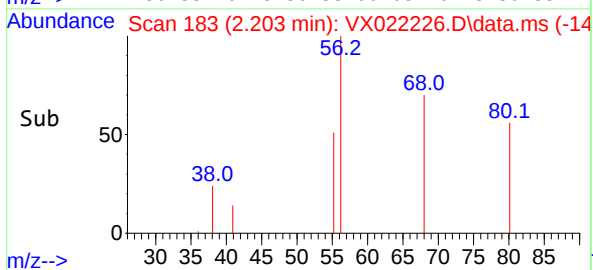
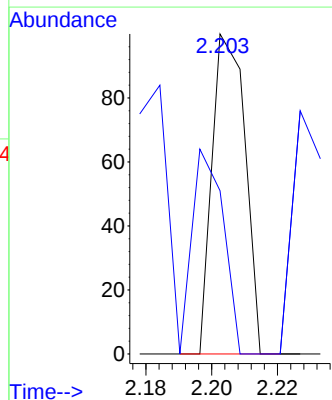
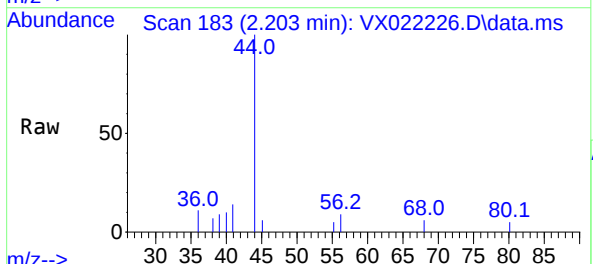
Tgt Ion: 59 Resp: 326
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

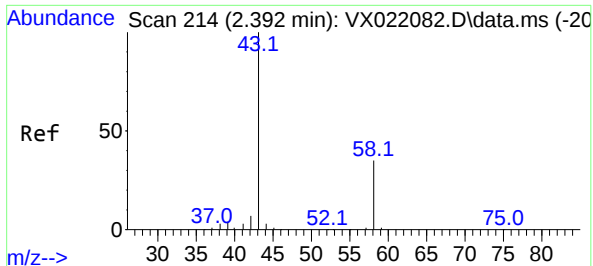


#13

Acrolein
Concen: 0.44 ug/l
RT: 2.203 min Scan# 183
Delta R.T. -0.037 min
Lab File: VX022226.D
Acq: 27 May 2021 12:45

Tgt Ion: 56 Resp: 69
Ion Ratio Lower Upper
56 100
55 84.1 56.4 84.6

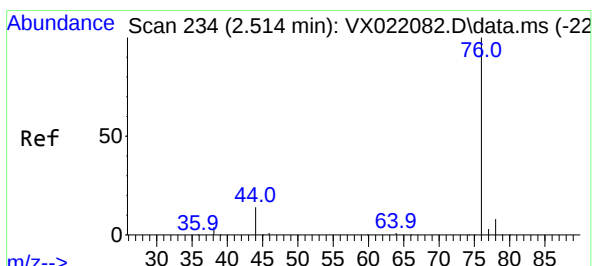
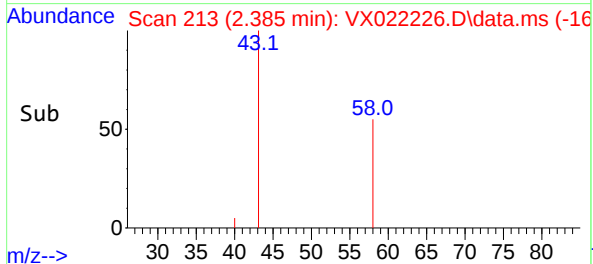
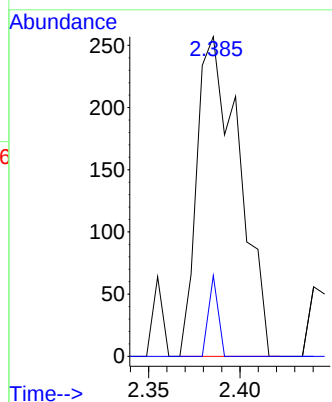
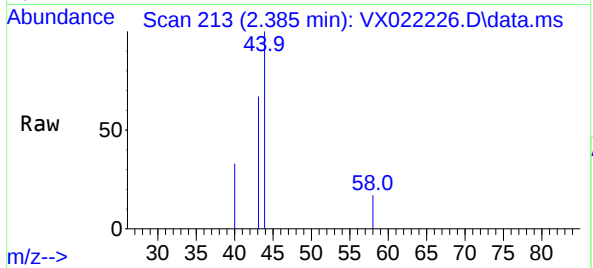




#16
Acetone
Concen: 0.91 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX022226.D
Acq: 27 May 2021 12:45

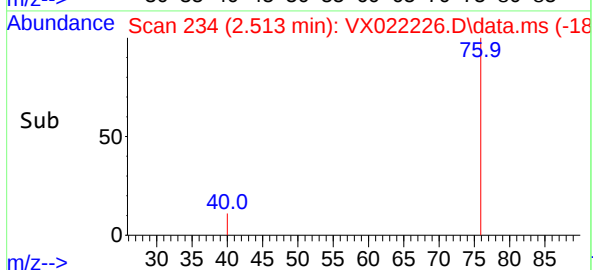
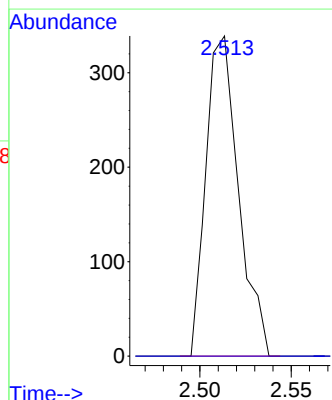
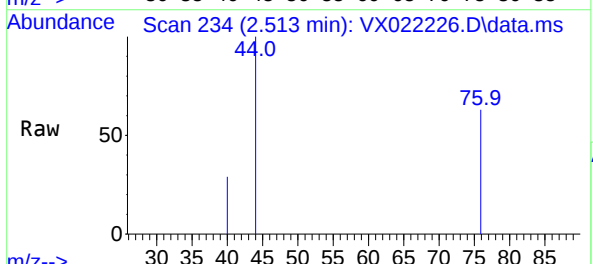
Instrument :
MSVOA_X
ClientSampleId :
VX0528WBL01

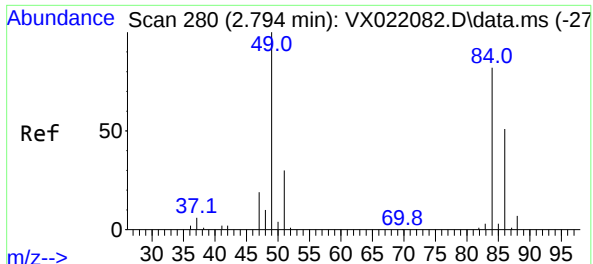
Tgt Ion: 43 Resp: 410
Ion Ratio Lower Upper
43 100
58 25.3 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.21 ug/l
RT: 2.513 min Scan# 234
Delta R.T. -0.001 min
Lab File: VX022226.D
Acq: 27 May 2021 12:45

Tgt Ion: 76 Resp: 422
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 0.38 ug/l

RT: 2.794 min Scan# 280

Delta R.T. -0.000 min

Lab File: VX022226.D

Acq: 27 May 2021 12:45

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBL01

Tgt Ion: 84 Resp: 376

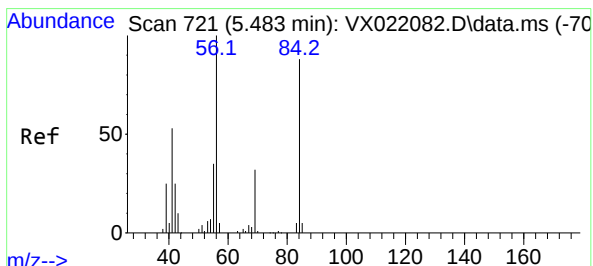
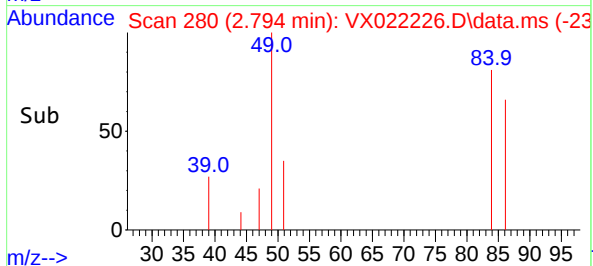
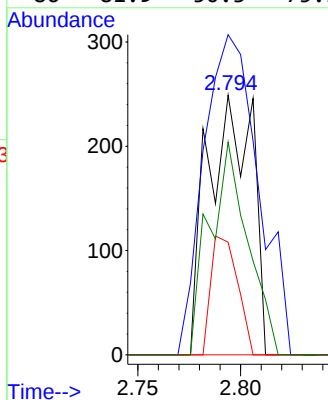
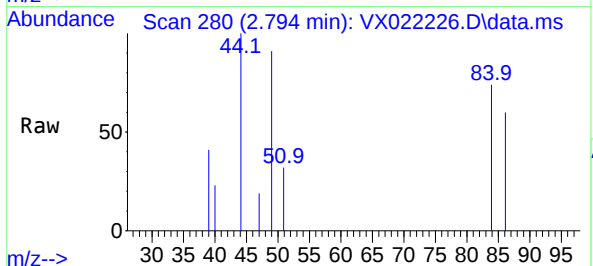
Ion Ratio Lower Upper

84 100

49 123.3 88.6 132.8

51 43.4 27.0 40.6#

86 81.9 50.3 75.5#



#31

Cyclohexane

Concen: 1.46 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.079 min

Lab File: VX022226.D

Acq: 27 May 2021 12:45

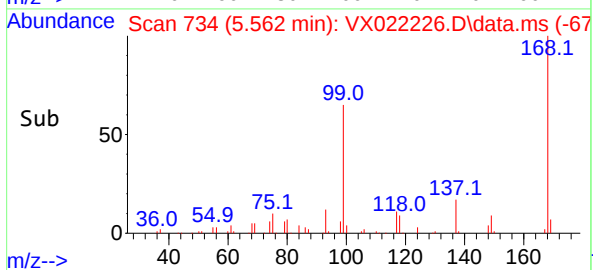
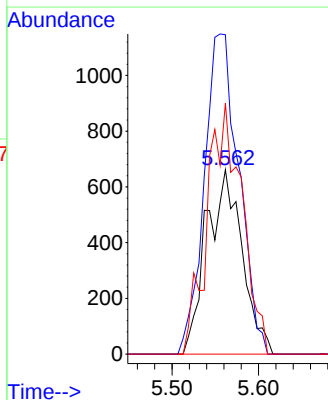
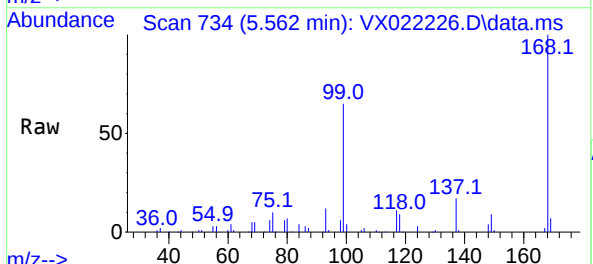
Tgt Ion: 56 Resp: 1897

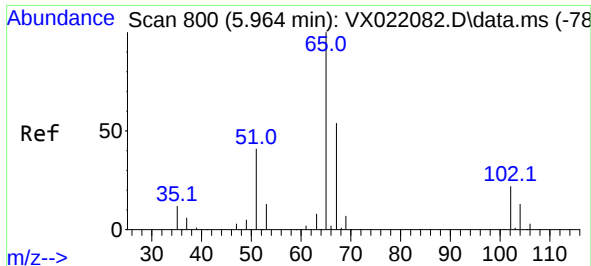
Ion Ratio Lower Upper

56 100

69 173.1 25.3 37.9#

84 136.1 71.4 107.0#

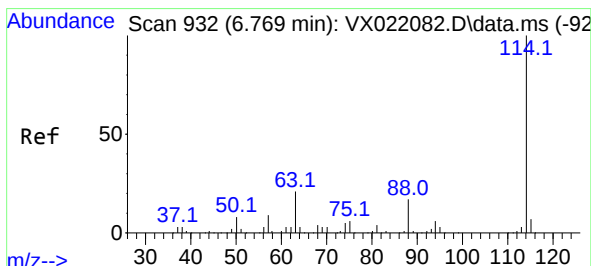
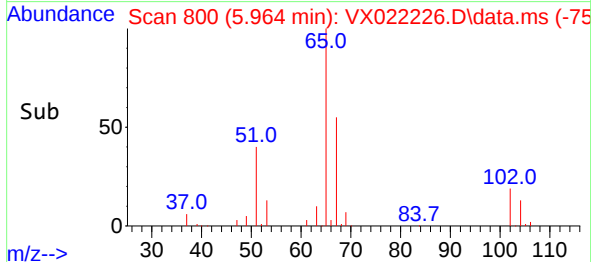
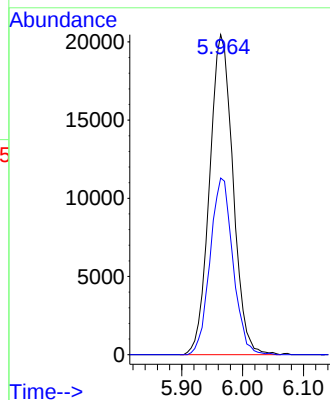
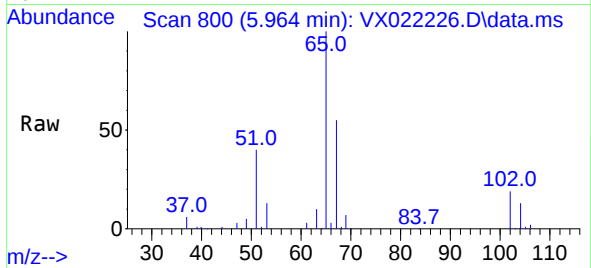




#33
1,2-Dichloroethane-d4
Concen: 52.91 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022226.D
Acq: 27 May 2021 12:45

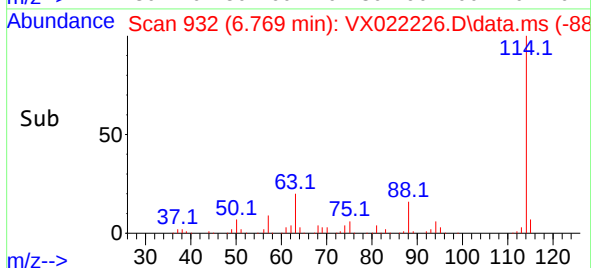
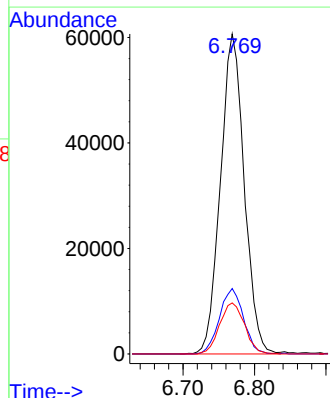
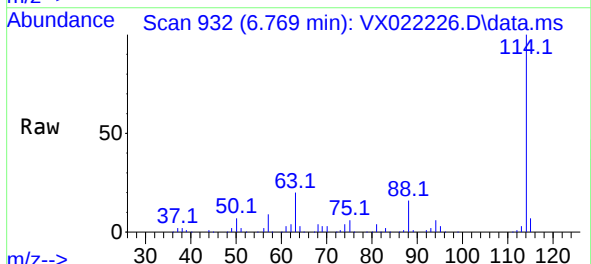
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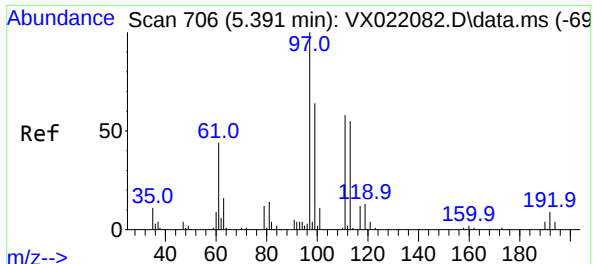
Tgt Ion: 65 Resp: 54668
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022226.D
Acq: 27 May 2021 12:45

Tgt Ion: 114 Resp: 140122
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 15.9 0.0 32.8

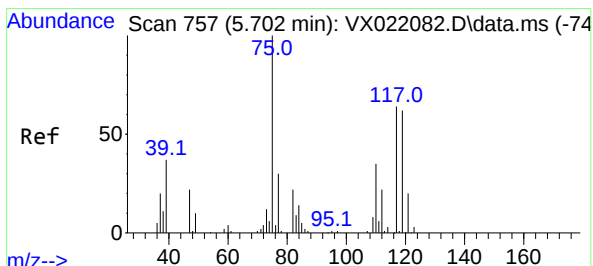
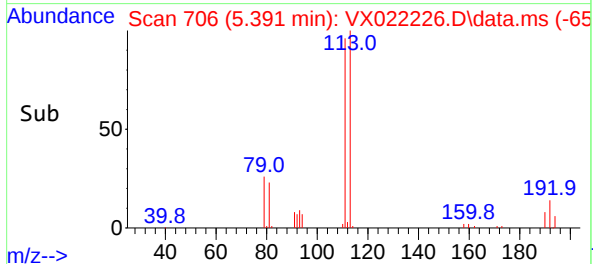
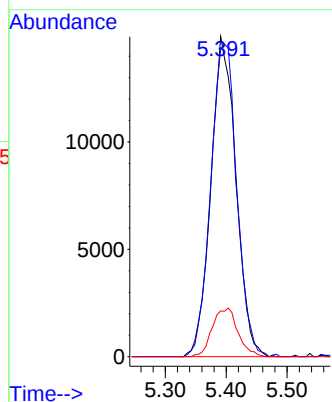
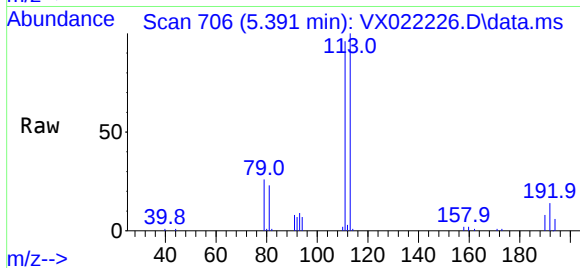




#35
Dibromofluoromethane
Concen: 47.88 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX022226.D
Acq: 27 May 2021 12:45

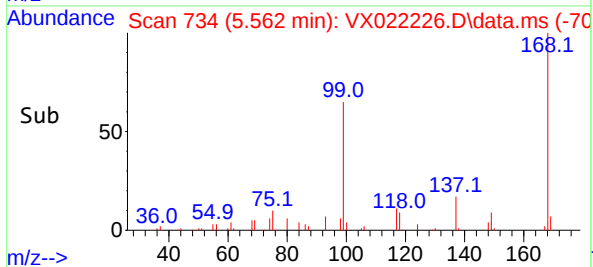
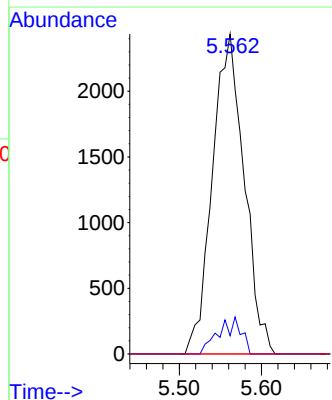
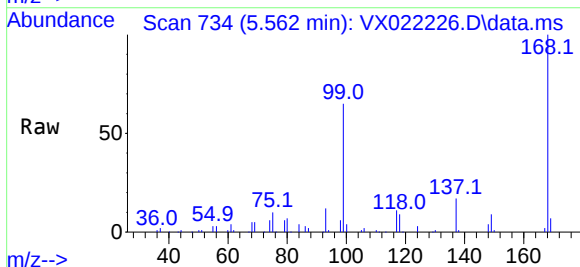
Instrument :
MSVOA_X
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VX0528WBL01

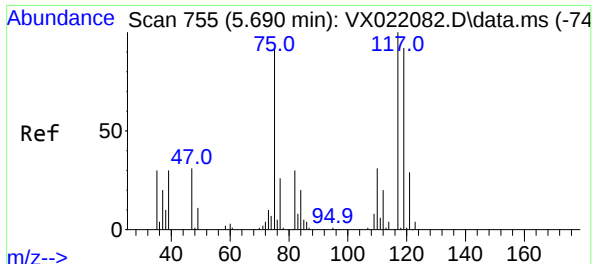
Tgt Ion:113 Resp: 42545
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 15.5 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 5.04 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022226.D
Acq: 27 May 2021 12:45

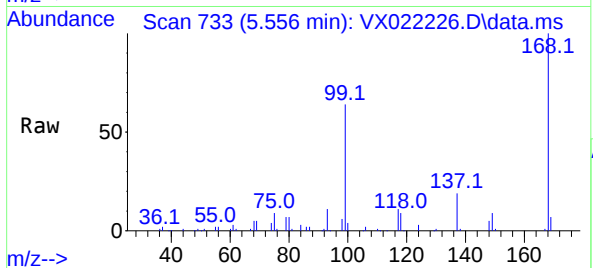
Tgt Ion: 75 Resp: 6535
Ion Ratio Lower Upper
75 100
110 4.8 18.1 54.4#
77 0.0 25.3 37.9#



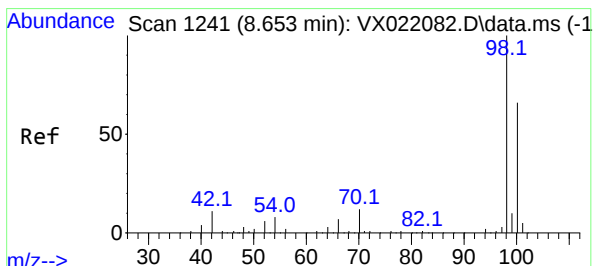
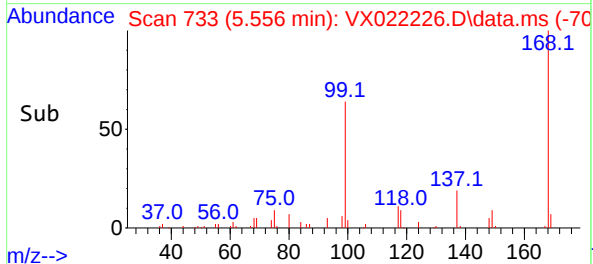
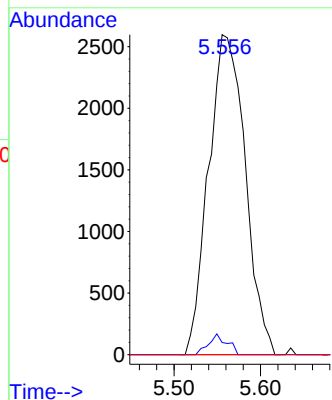


#38
Carbon Tetrachloride
Concen: 6.03 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022226.D
Acq: 27 May 2021 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX0528WBL01

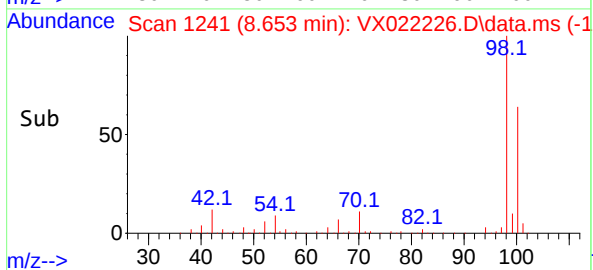
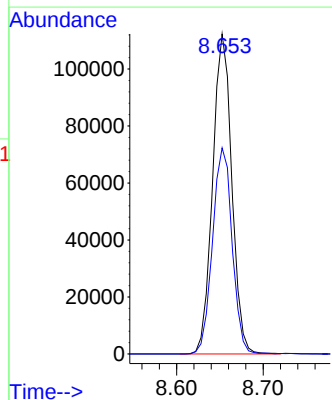
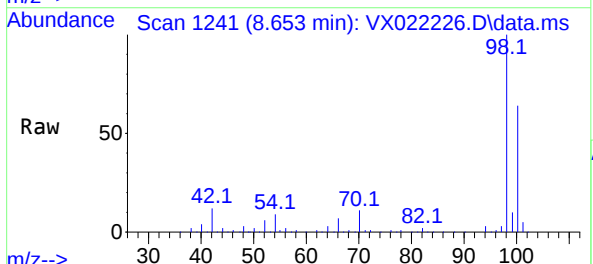


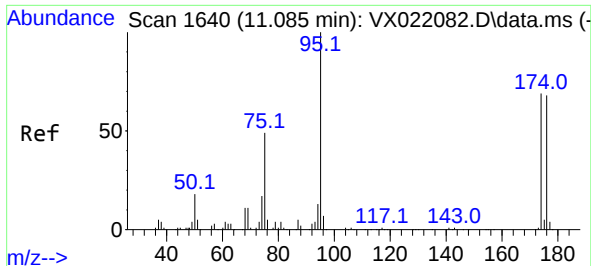
Tgt Ion:117 Resp: 7646
Ion Ratio Lower Upper
117 100
119 3.8 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.36 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022226.D
Acq: 27 May 2021 12:45

Tgt Ion: 98 Resp: 172380
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9

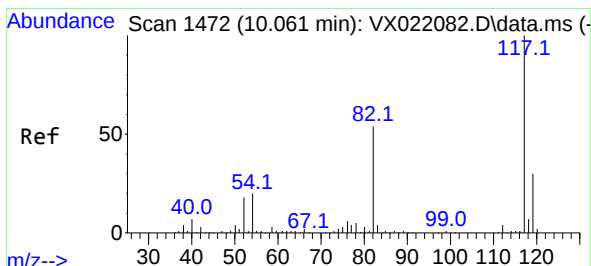
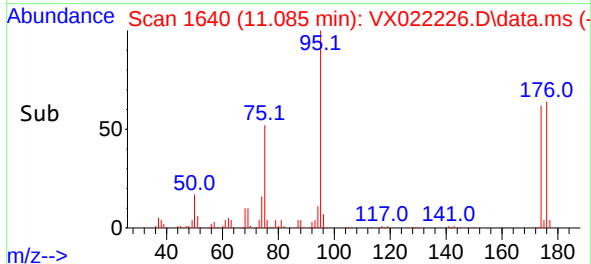
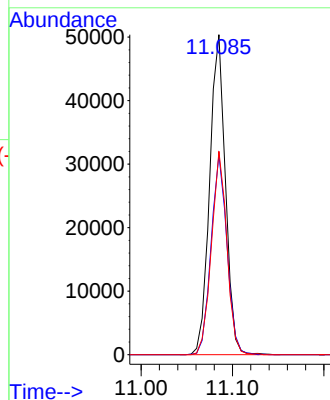
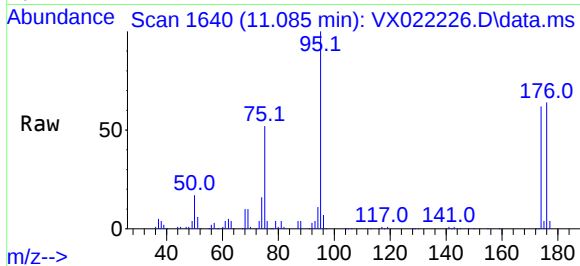




#62
4-Bromofluorobenzene
Concen: 47.57 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022226.D
Acq: 27 May 2021 12:45

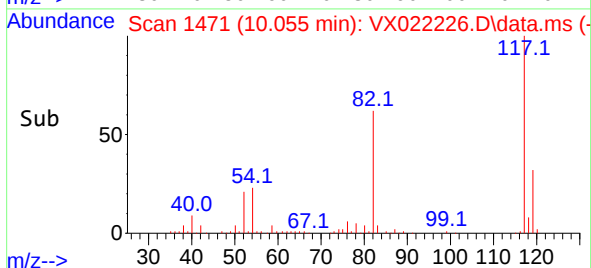
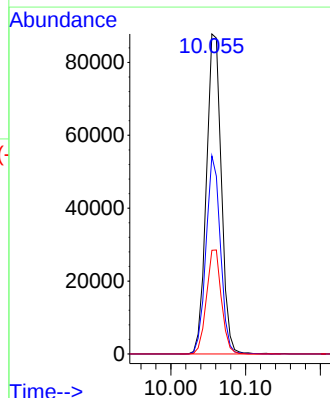
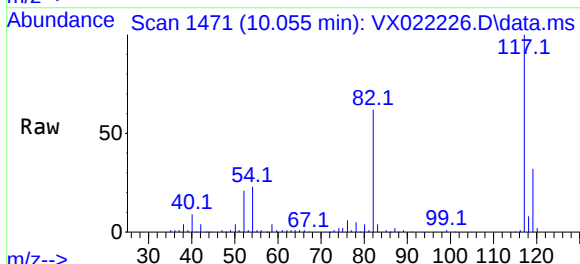
Instrument :
MSVOA_X
ClientSampleId :
VX0528WBL01

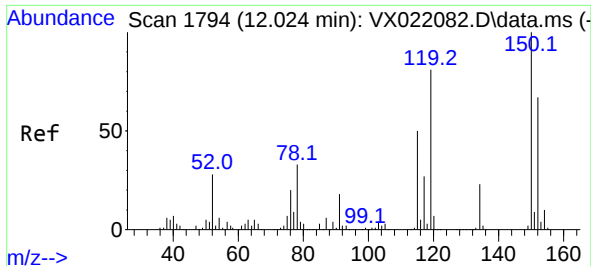
Tgt Ion: 95 Resp: 60188
Ion Ratio Lower Upper
95 100
174 62.9 0.0 154.6
176 62.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022226.D
Acq: 27 May 2021 12:45

Tgt Ion: 117 Resp: 121842
Ion Ratio Lower Upper
117 100
82 61.9 47.4 71.2
119 32.4 26.6 39.8

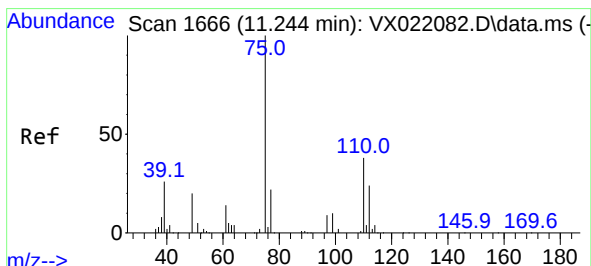
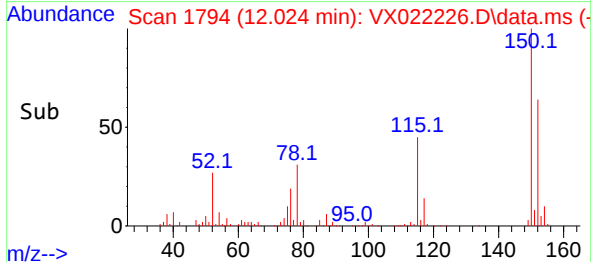
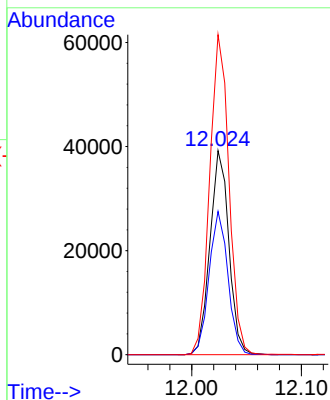
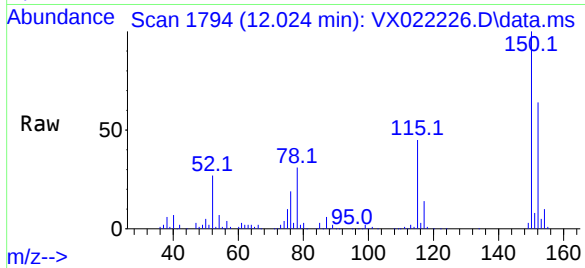




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022226.D
Acq: 27 May 2021 12:45

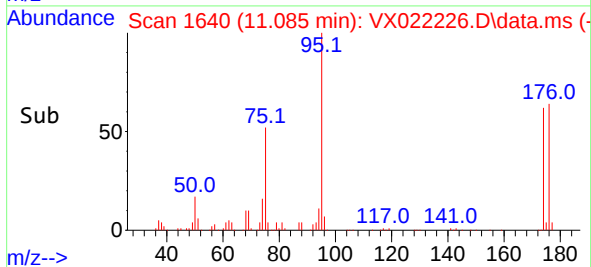
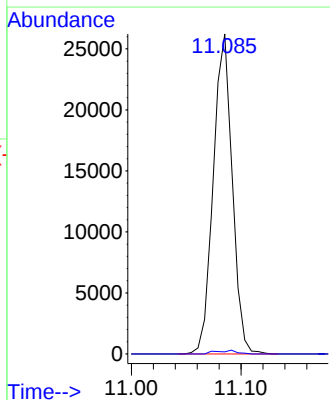
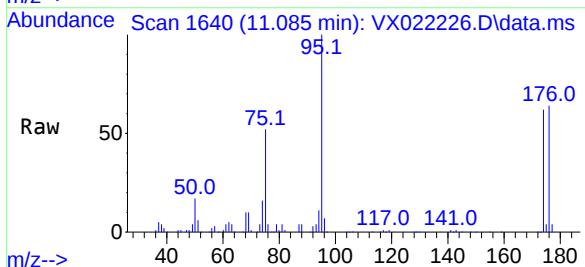
Instrument :
MSVOA_X
ClientSampleId :
VX0528WBL01

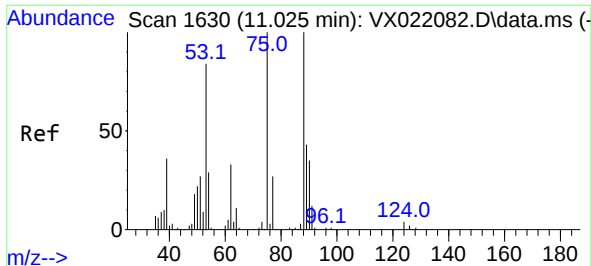
Tgt Ion:152 Resp: 47057
Ion Ratio Lower Upper
152 100
115 70.0 41.1 123.3
150 159.6 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 27.18 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022226.D
Acq: 27 May 2021 12:45

Tgt Ion: 75 Resp: 31558
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#

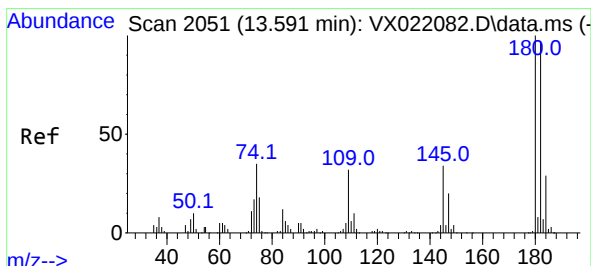
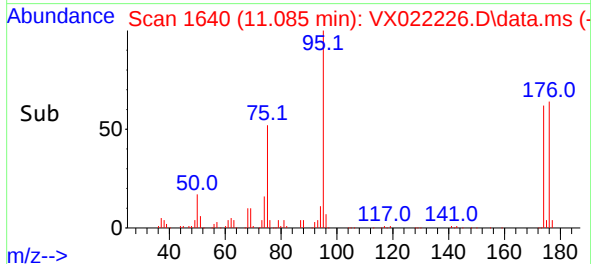
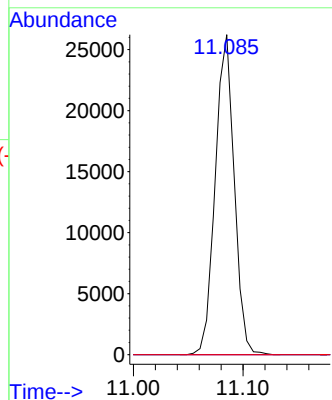
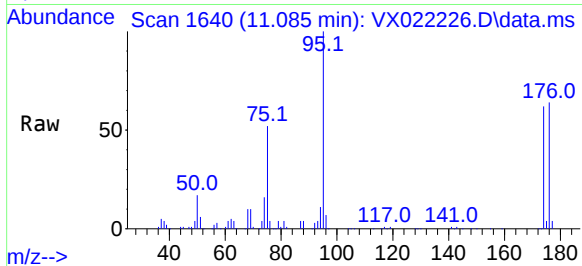




#81
trans-1,4-Dichloro-2-butene
Concen: 64.41 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022226.D
Acq: 27 May 2021 12:45

Instrument :
MSVOA_X
ClientSampleId :
VX0528WBL01

Tgt Ion: 75 Resp: 31558
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#93
1,2,4-Trichlorobenzene
Concen: 0.21 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX022226.D
Acq: 27 May 2021 12:45

Tgt Ion:180 Resp: 196
Ion Ratio Lower Upper
180 100
182 61.7 47.7 143.1
145 25.0 15.0 45.0

