

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052121\
 Data File : VX022137.D
 Acq On : 22 May 2021 00:55
 Operator : JC/MD
 Sample : M2420-04ME
 Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CONCESSION-CP-4

Quant Time: May 22 05:02:21 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)

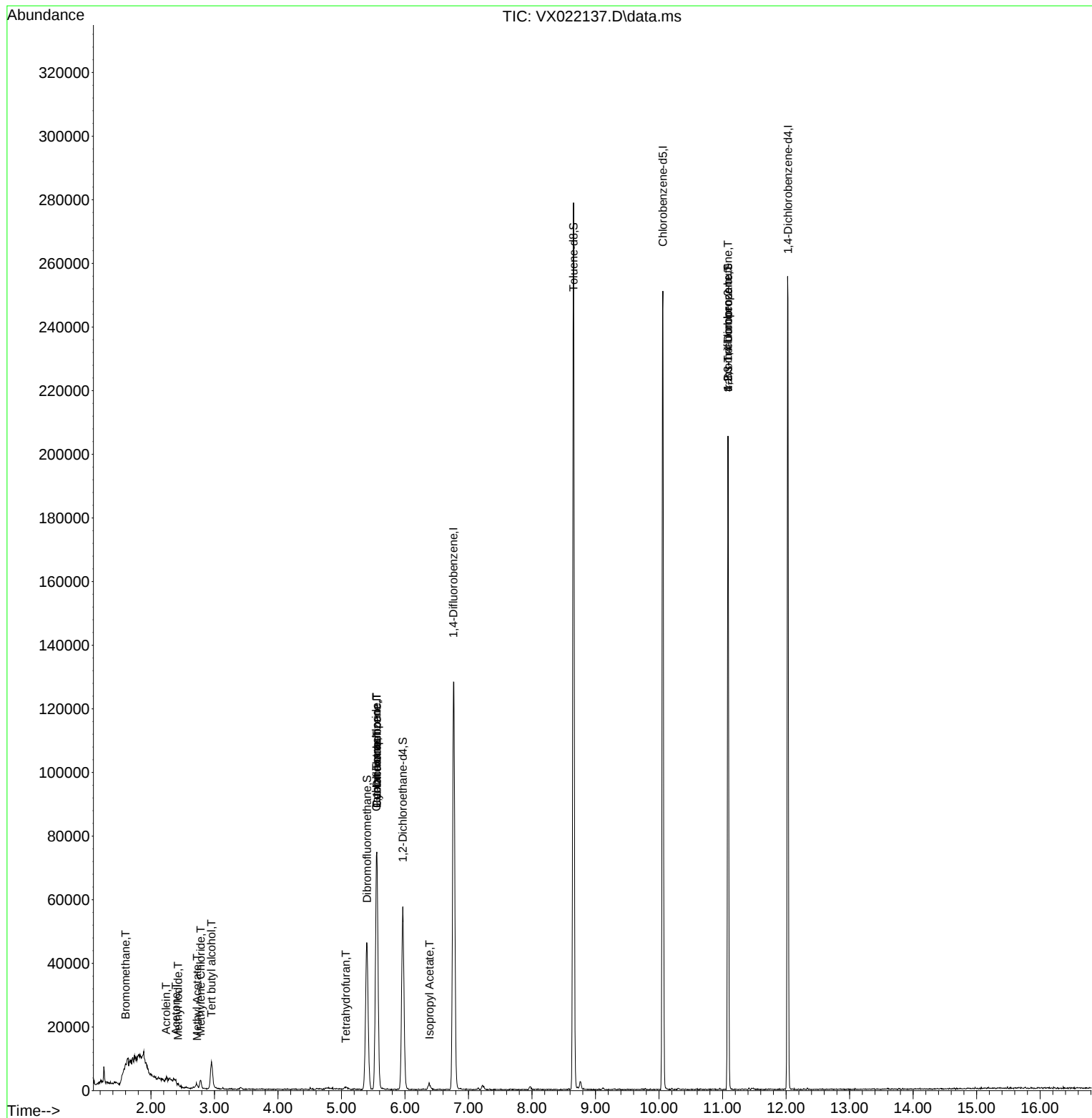
Internal Standards						
1) Pentafluorobenzene	5.556	168	65747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	132788	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	115321	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.030	152	49264	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51401	50.68	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.36%			
35) Dibromofluoromethane	5.403	113	40043	47.55	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.10%			
50) Toluene-d8	8.653	98	161406	49.76	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.52%			
62) 4-Bromofluorobenzene	11.085	95	57959	48.34	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.68%			
Target Compounds						
						Qvalue
5) Bromomethane	1.599	94	342	0.64	ug/l	97
10) Methyl Iodide	2.428	142	632	0.76	ug/l #	83
11) Tert butyl alcohol	2.953	59	5606	24.17	ug/l #	76
13) Acrolein	2.239	56	148	0.96	ug/l #	69
16) Acetone	2.392	43	349	0.79	ug/l #	40
18) Methyl Acetate	2.727	43	1036	0.88	ug/l #	47
20) Methylene Chloride	2.782	84	1099	1.12	ug/l #	92
29) Tetrahydrofuran	5.068	42	289	0.68	ug/l #	72
31) Cyclohexane	5.556	56	1725	1.35	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6162	5.02	ug/l #	49
38) Carbon Tetrachloride	5.550	117	7850	6.54	ug/l #	16
43) Isopropyl Acetate	6.385	43	1132	0.46	ug/l #	57
76) 1,2,3-Trichloropropane	11.085	75	29366	24.16	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	29366	57.25	ug/l #	12

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

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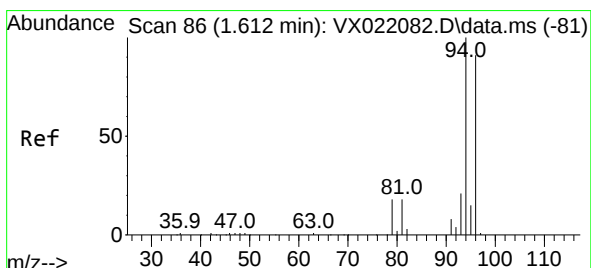
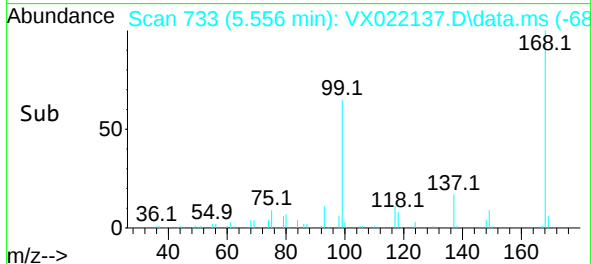
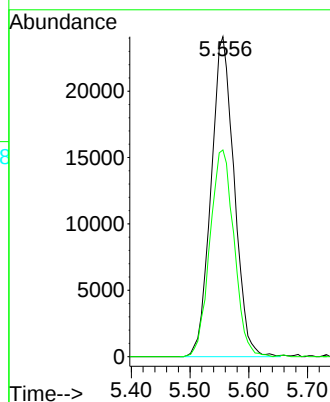
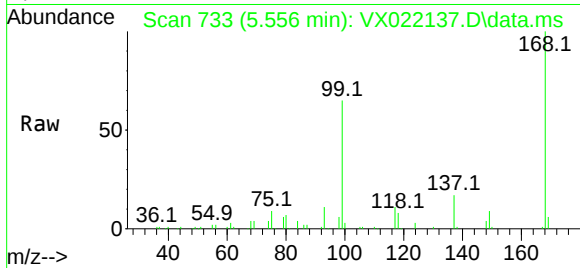




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX022137.D
Acq: 22 May 2021 00:55

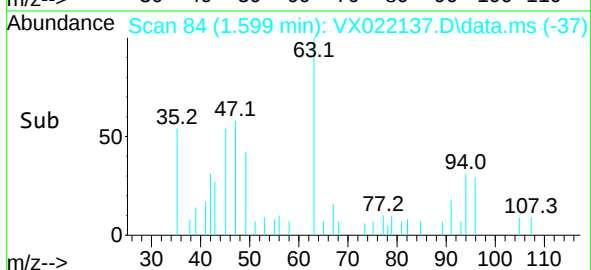
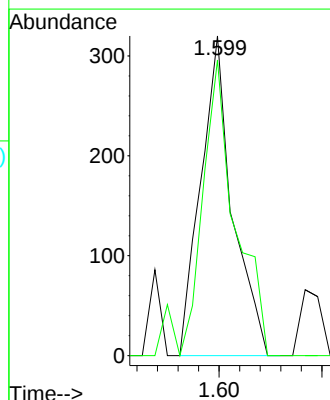
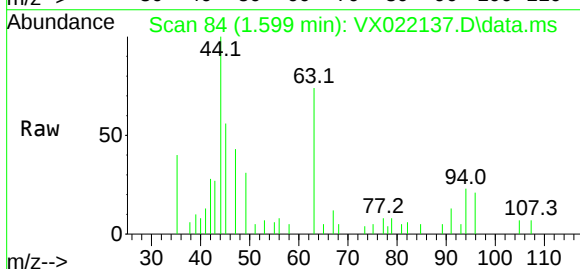
Instrument :
MSVOA_X
ClientSampleId :
CONCESSION-CP-4

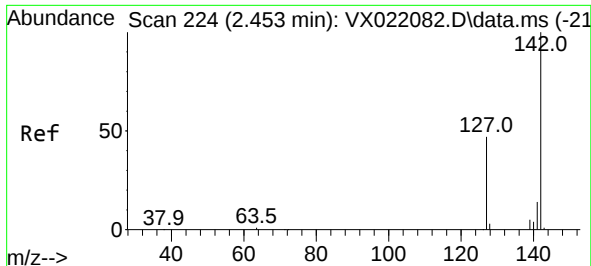
Tgt Ion:168 Resp: 65747
Ion Ratio Lower Upper
168 100
99 64.6 45.8 68.6



#5
Bromomethane
Concen: 0.64 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.013 min
Lab File: VX022137.D
Acq: 22 May 2021 00:55

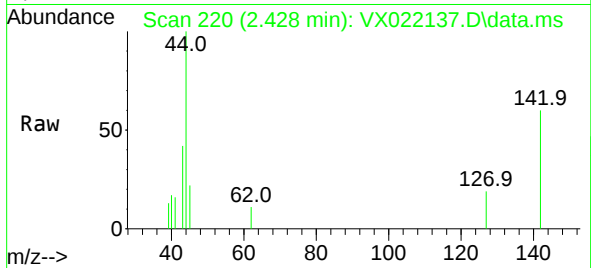
Tgt Ion: 94 Resp: 342
Ion Ratio Lower Upper
94 100
96 92.5 76.4 114.6



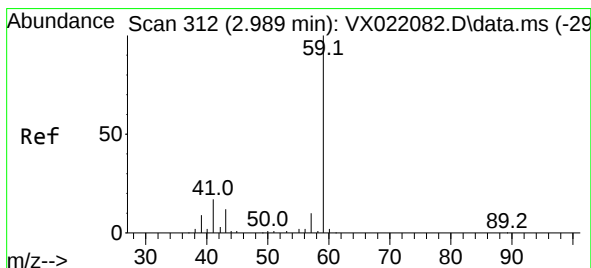
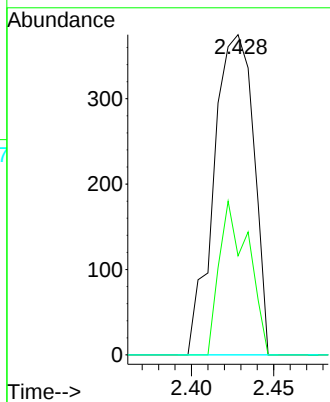
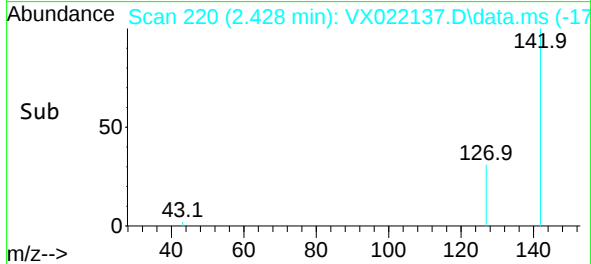


#10
Methyl Iodide
Concen: 0.76 ug/l
RT: 2.428 min Scan# 220
Delta R.T. -0.025 min
Lab File: VX022137.D
Acq: 22 May 2021 00:55

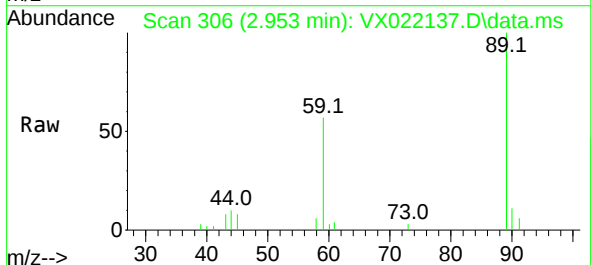
Instrument :
MSVOA_X
ClientSampleId :
CONCESSION-CP-4



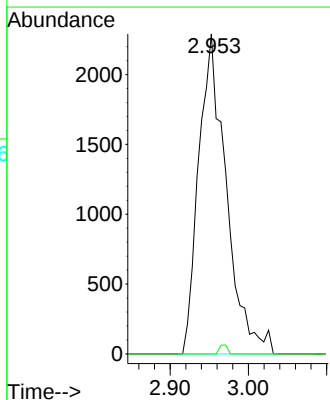
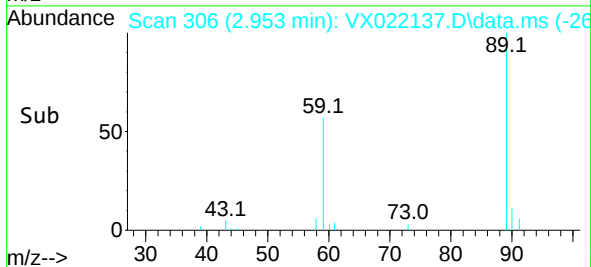
Tgt Ion:142 Resp: 632
Ion Ratio Lower Upper
142 100
127 35.1 33.3 49.9
141 0.0 11.4 17.0#

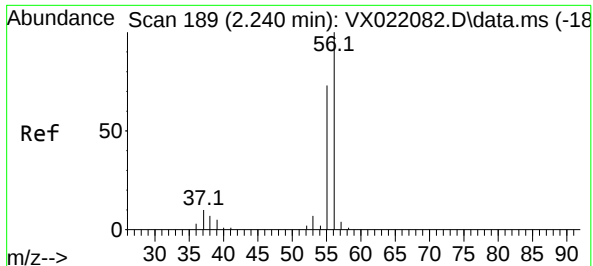


#11
Tert butyl alcohol
Concen: 24.17 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022137.D
Acq: 22 May 2021 00:55



Tgt Ion: 59 Resp: 5606
Ion Ratio Lower Upper
59 100
57 0.8 7.8 11.8#

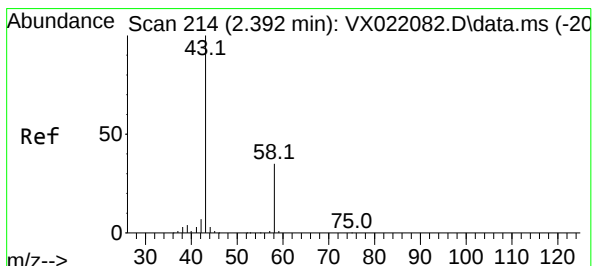
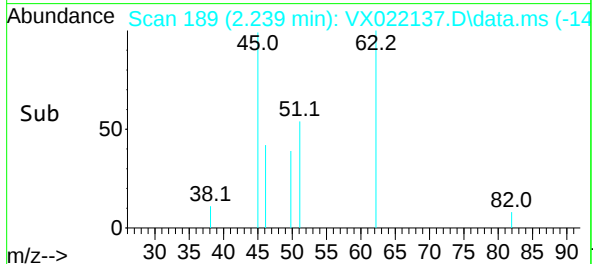
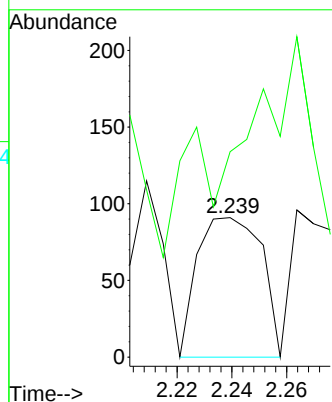
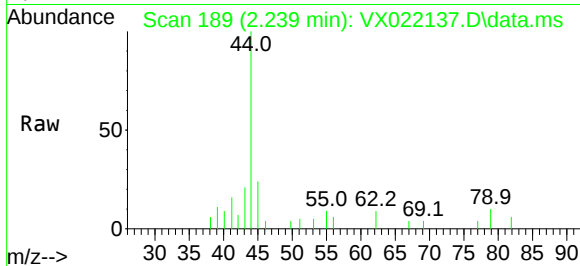




#13
Acrolein
Concen: 0.96 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.001 min
Lab File: VX022137.D
Acq: 22 May 2021 00:55

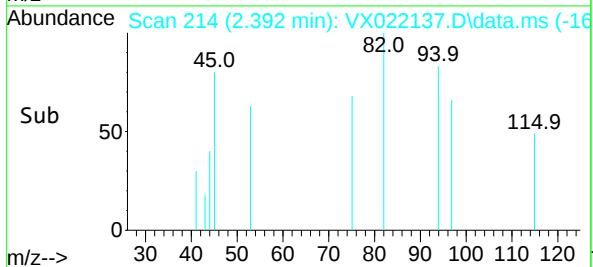
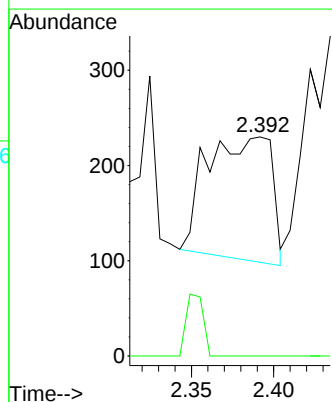
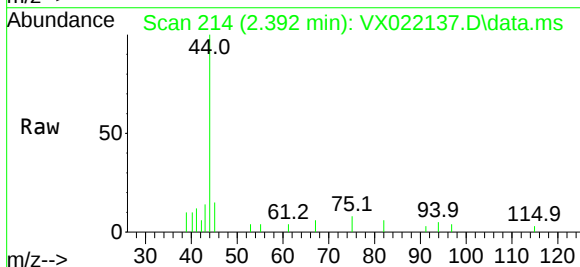
Instrument :
MSVOA_X
ClientSampleId :
CONCESSION-CP-4

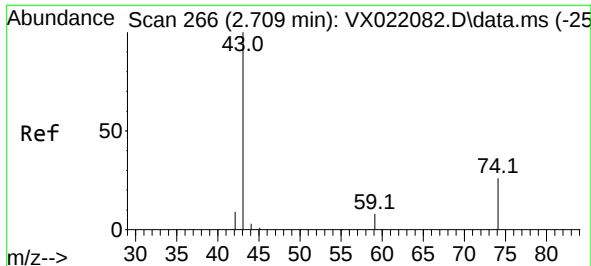
Tgt Ion: 56 Resp: 148
Ion Ratio Lower Upper
56 100
55 44.6 56.4 84.6#



#16
Acetone
Concen: 0.79 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022137.D
Acq: 22 May 2021 00:55

Tgt Ion: 43 Resp: 349
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#

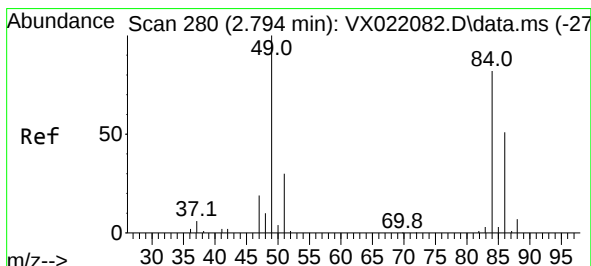
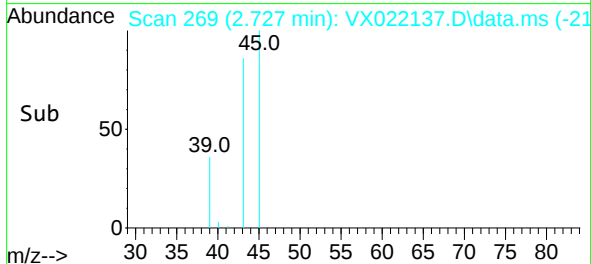
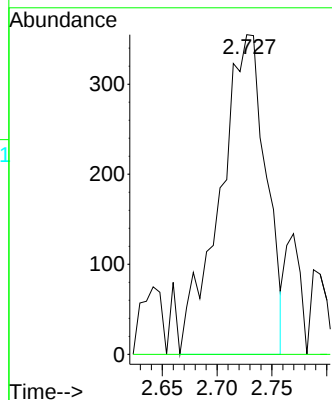
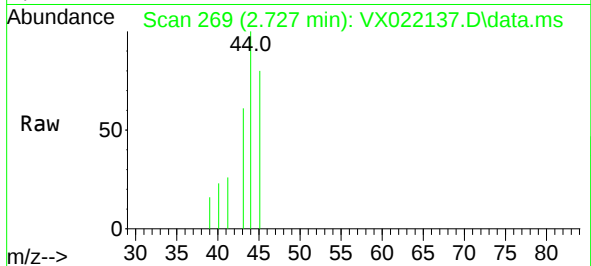




#18
Methyl Acetate
Concen: 0.88 ug/l
RT: 2.727 min Scan# 269
Delta R.T. 0.018 min
Lab File: VX022137.D
Acq: 22 May 2021 00:55

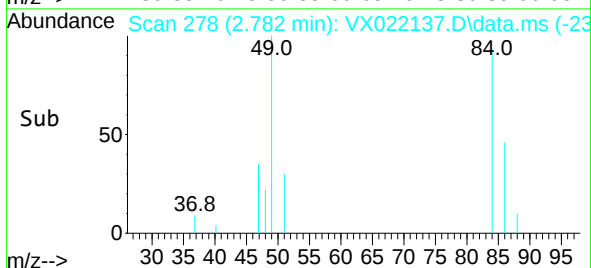
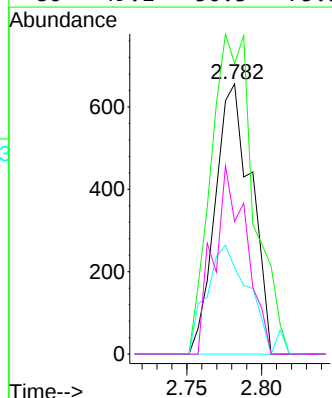
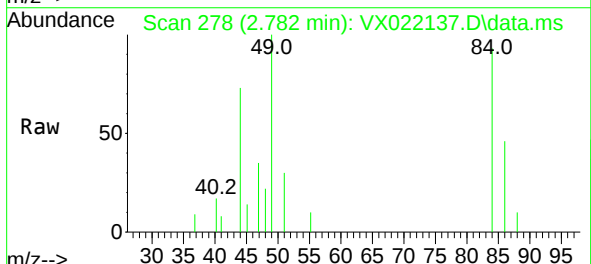
Instrument :
MSVOA_X
ClientSampleId :
CONCESSION-CP-4

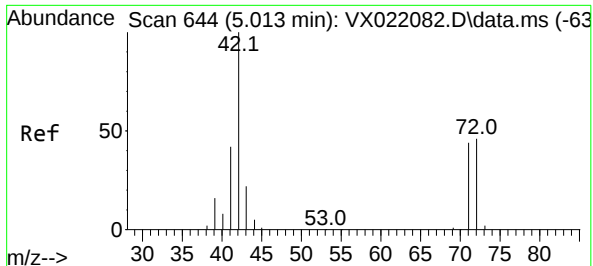
Tgt Ion: 43 Resp: 1036
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 1.12 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.012 min
Lab File: VX022137.D
Acq: 22 May 2021 00:55

Tgt Ion: 84 Resp: 1099
Ion Ratio Lower Upper
84 100
49 107.5 88.6 132.8
51 32.0 27.0 40.6
86 49.1 50.3 75.5#





#29

Tetrahydrofuran

Concen: 0.68 ug/l

RT: 5.068 min Scan# 653

Delta R.T. 0.055 min

Lab File: VX022137.D

Acq: 22 May 2021 00:55

Tgt Ion: 42 Resp: 289

Ion Ratio Lower Upper

42 100

72 74.7 41.7 62.5#

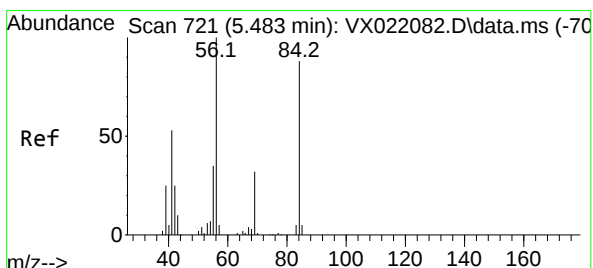
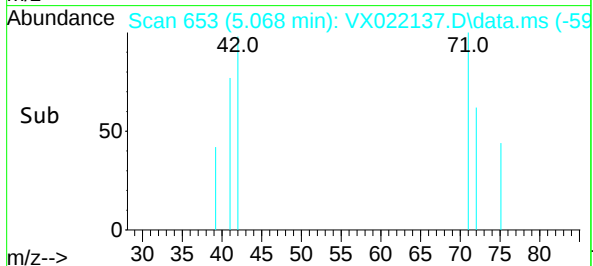
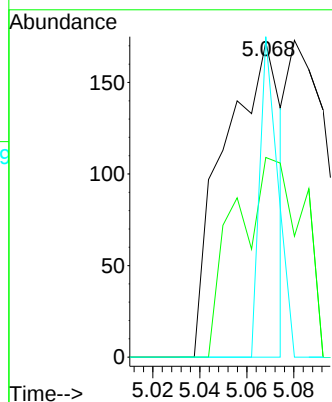
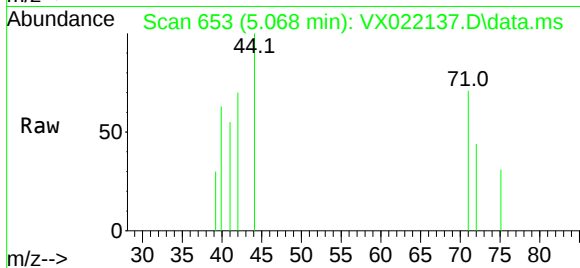
71 32.5 38.4 57.6#

Instrument :

MSVOA_X

ClientSampleId :

CONCESSION-CP-4



#31

Cyclohexane

Concen: 1.35 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.073 min

Lab File: VX022137.D

Acq: 22 May 2021 00:55

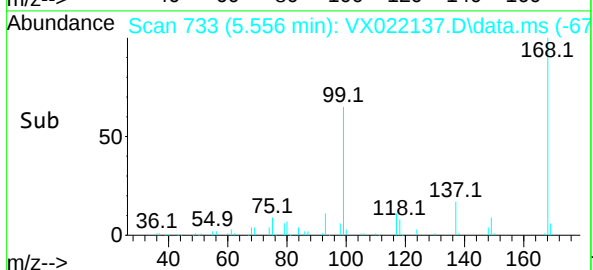
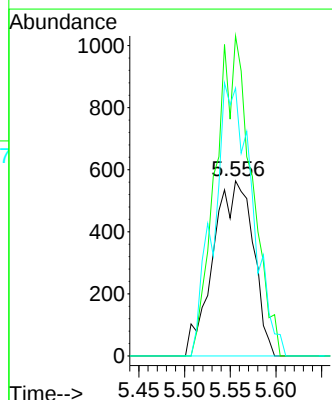
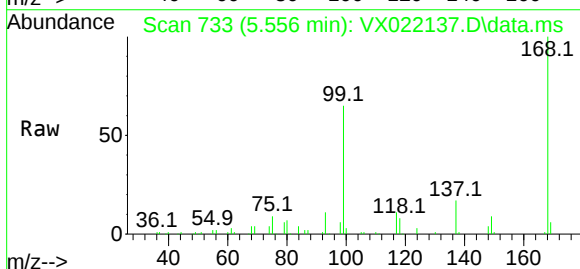
Tgt Ion: 56 Resp: 1725

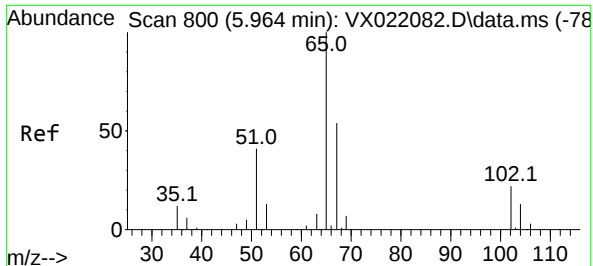
Ion Ratio Lower Upper

56 100

69 182.8 25.3 37.9#

84 153.0 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.68 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022137.D

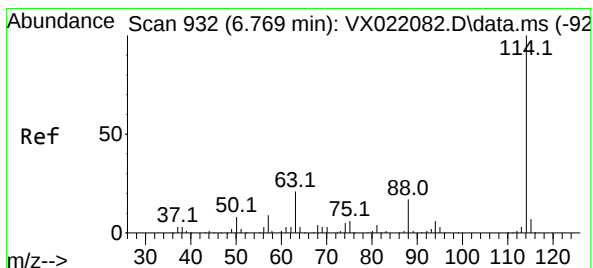
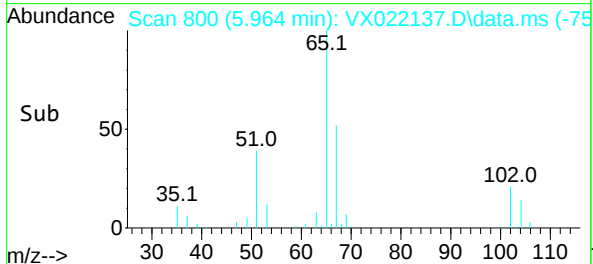
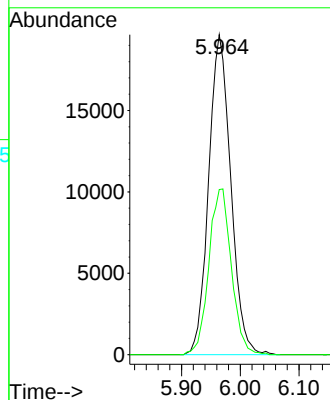
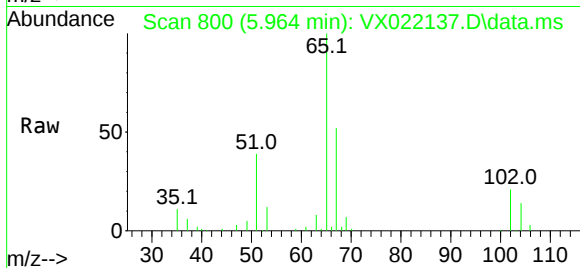
Acq: 22 May 2021 00:55

Tgt Ion: 65 Resp: 51401

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX022137.D

Acq: 22 May 2021 00:55

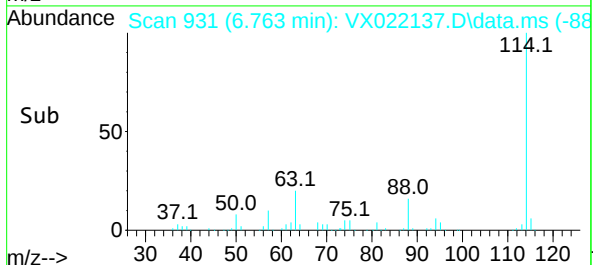
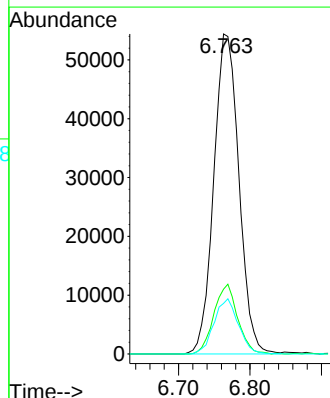
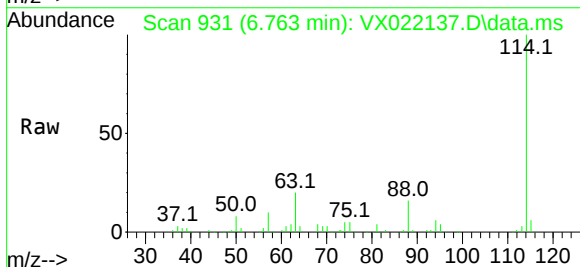
Tgt Ion: 114 Resp: 132788

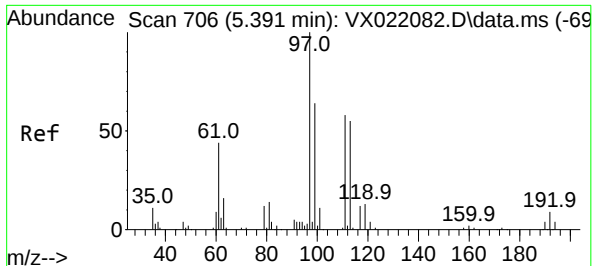
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

88 15.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.55 ug/l

RT: 5.403 min Scan# 708

Delta R.T. 0.012 min

Lab File: VX022137.D

Acq: 22 May 2021 00:55

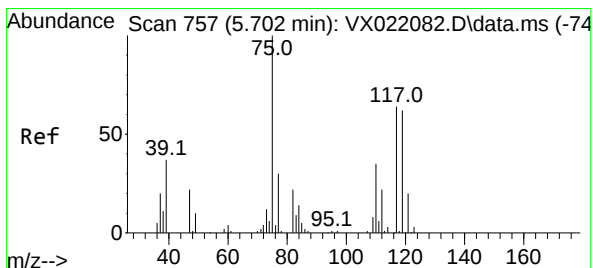
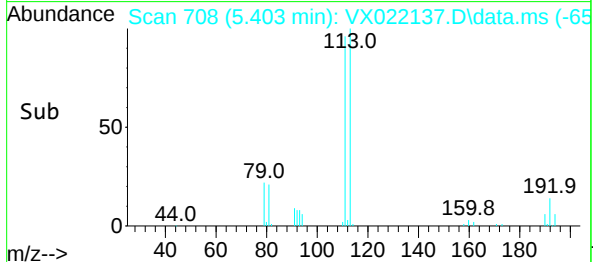
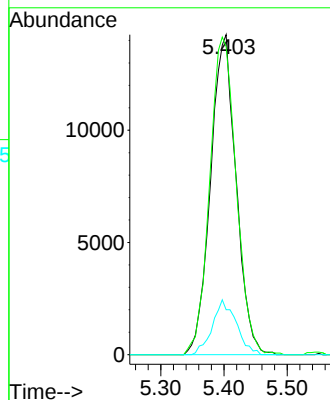
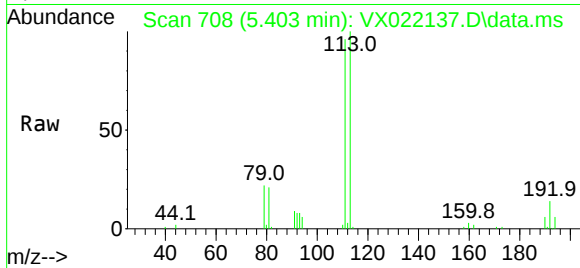
Tgt Ion:113 Resp: 40043

Ion Ratio Lower Upper

113 100

111 102.8 81.9 122.9

192 16.0 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 5.02 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022137.D

Acq: 22 May 2021 00:55

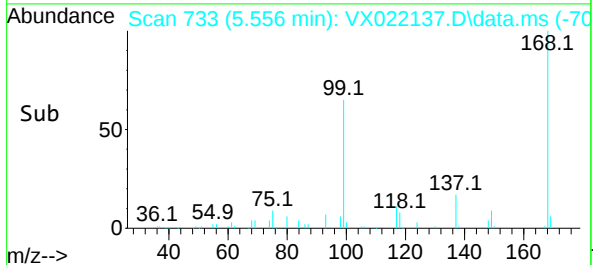
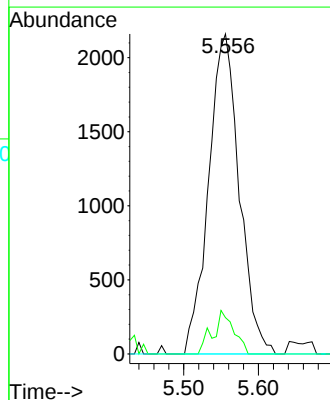
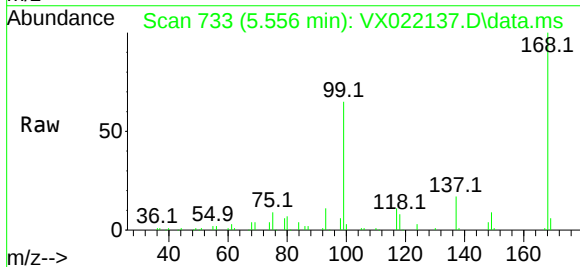
Tgt Ion: 75 Resp: 6162

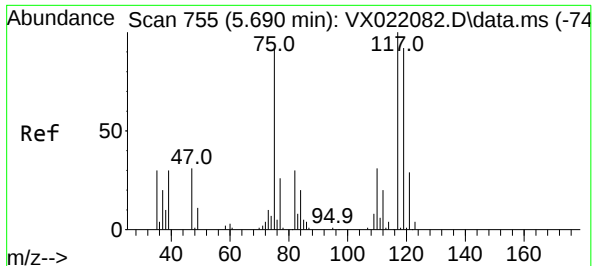
Ion Ratio Lower Upper

75 100

110 9.2 18.1 54.4#

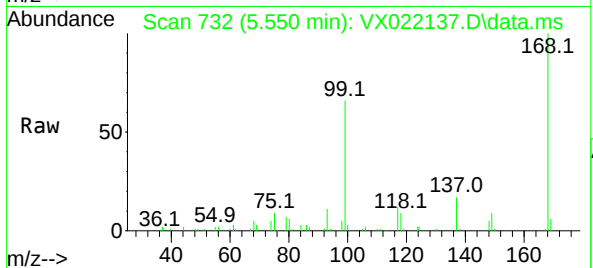
77 0.0 25.3 37.9#



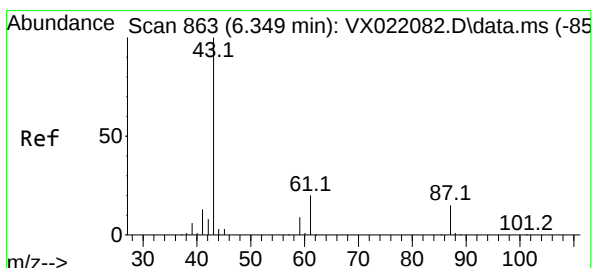
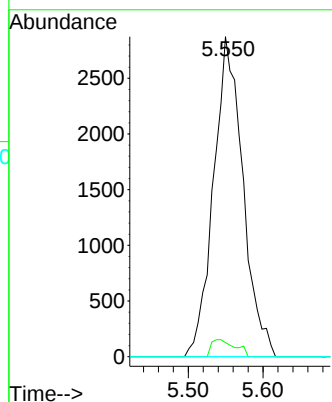
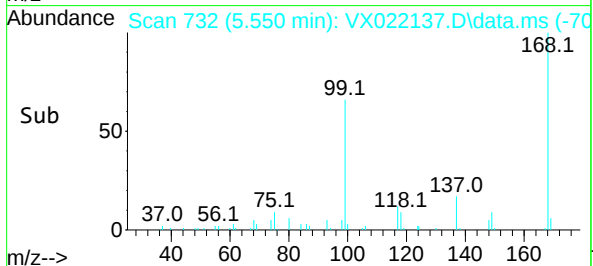


#38
Carbon Tetrachloride
Concen: 6.54 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX022137.D
Acq: 22 May 2021 00:55

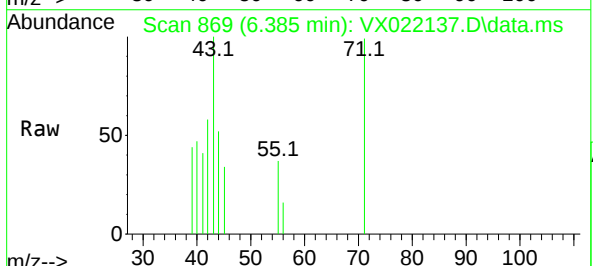
Instrument :
MSVOA_X
ClientSampleId :
CONCESSION-CP-4



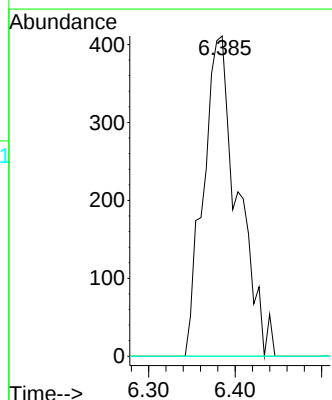
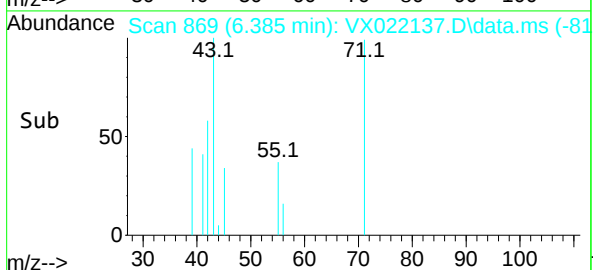
Tgt Ion:117 Resp: 7850
Ion Ratio Lower Upper
117 100
119 4.4 76.2 114.2#
121 0.0 24.8 37.2#

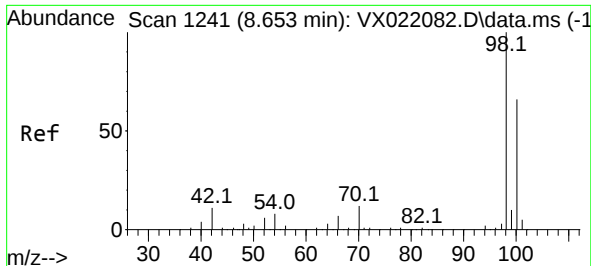


#43
Isopropyl Acetate
Concen: 0.46 ug/l
RT: 6.385 min Scan# 869
Delta R.T. 0.036 min
Lab File: VX022137.D
Acq: 22 May 2021 00:55



Tgt Ion: 43 Resp: 1132
Ion Ratio Lower Upper
43 100
61 0.0 18.2 27.4#
87 0.0 12.5 18.7#

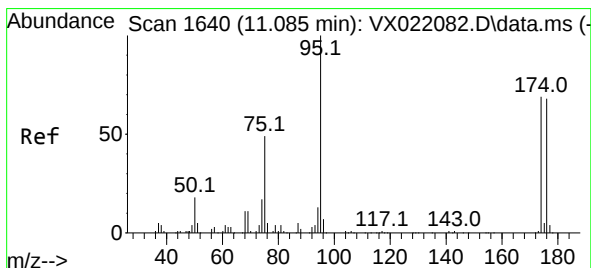
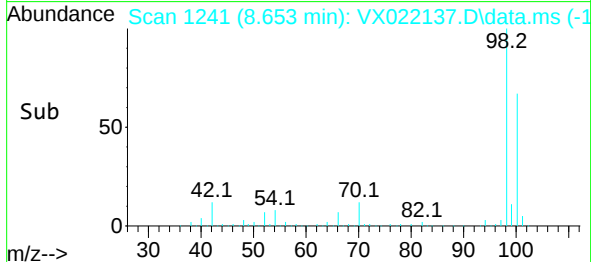
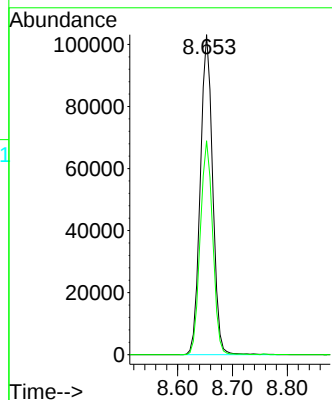
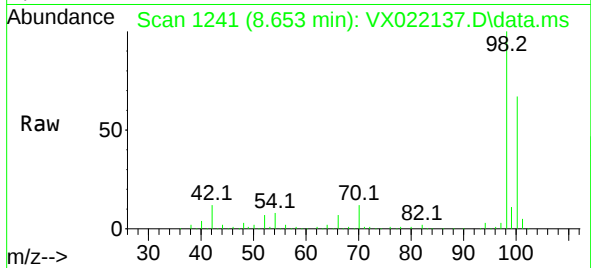




#50
Toluene-d8
Concen: 49.76 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022137.D
Acq: 22 May 2021 00:55

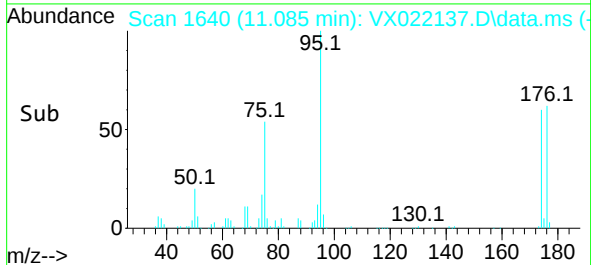
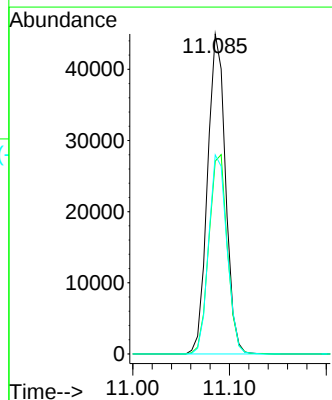
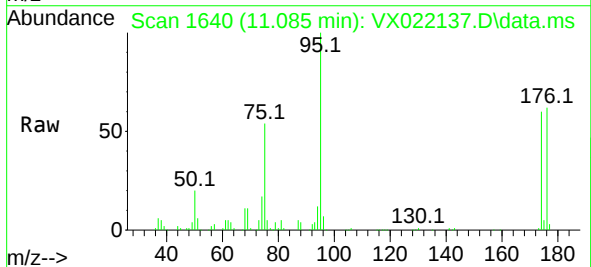
Instrument :
MSVOA_X
ClientSampleId :
CONCESSION-CP-4

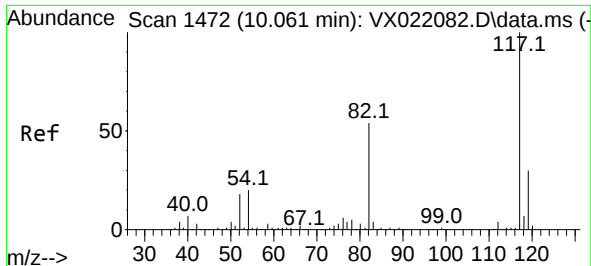
Tgt Ion: 98 Resp: 161406
Ion Ratio Lower Upper
98 100
100 67.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 48.34 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022137.D
Acq: 22 May 2021 00:55

Tgt Ion: 95 Resp: 57959
Ion Ratio Lower Upper
95 100
174 63.8 0.0 154.6
176 63.2 0.0 155.8

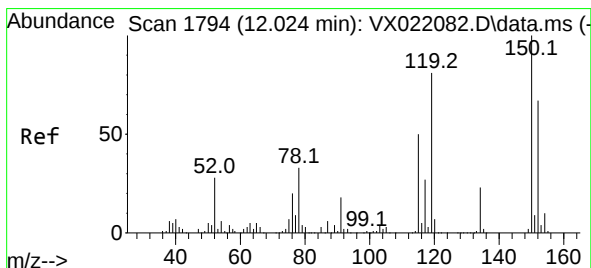
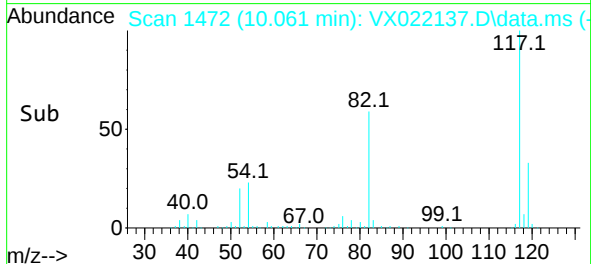
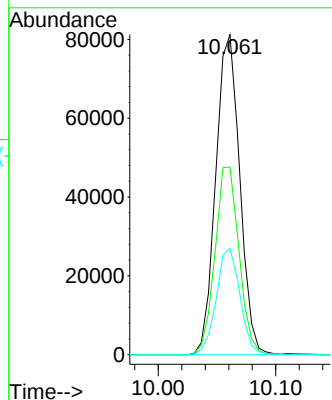
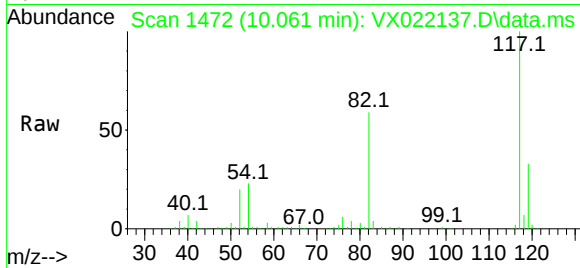




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022137.D
Acq: 22 May 2021 00:55

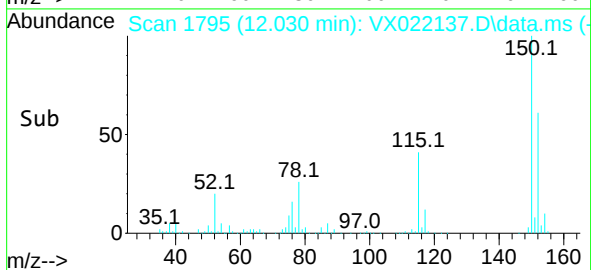
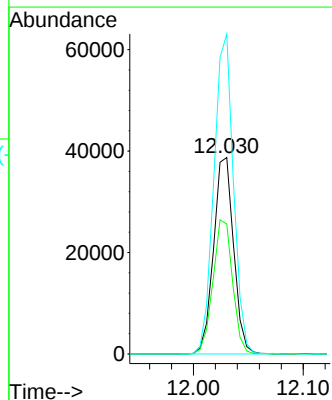
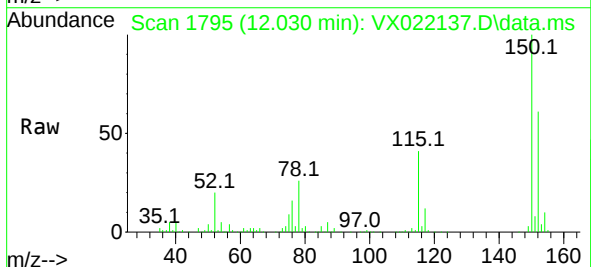
Instrument :
MSVOA_X
ClientSampleId :
CONCESSION-CP-4

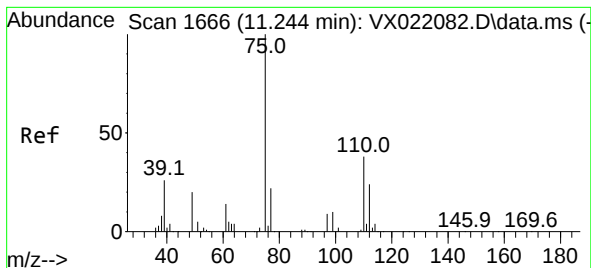
Tgt Ion:117 Resp: 115321
Ion Ratio Lower Upper
117 100
82 58.7 47.4 71.2
119 33.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.030 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VX022137.D
Acq: 22 May 2021 00:55

Tgt Ion:152 Resp: 49264
Ion Ratio Lower Upper
152 100
115 66.8 41.1 123.3
150 158.5 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 24.16 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.159 min

Lab File: VX022137.D

Acq: 22 May 2021 00:55

Tgt Ion: 75 Resp: 29366

Ion Ratio Lower Upper

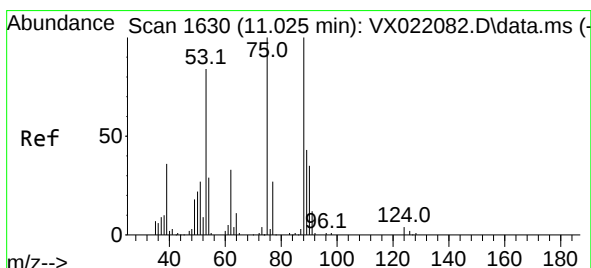
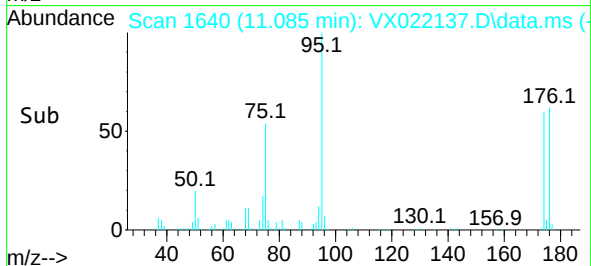
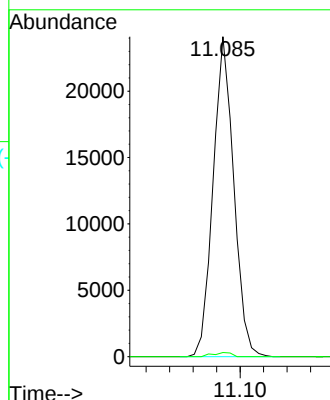
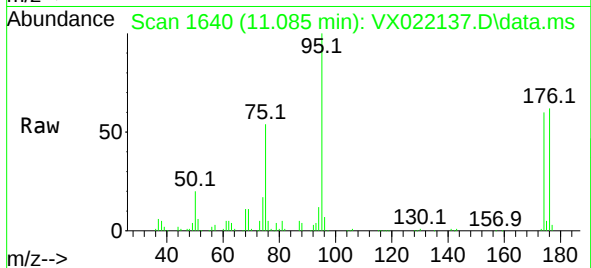
75 100
77 1.2 19.1 57.5#

Instrument :

MSVOA_X

ClientSampleId :

CONCESSION-CP-4



#81

trans-1,4-Dichloro-2-butene

Concen: 57.25 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.060 min

Lab File: VX022137.D

Acq: 22 May 2021 00:55

Tgt Ion: 75 Resp: 29366

Ion Ratio Lower Upper

75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

