

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052121\
 Data File : VX022136.D
 Acq On : 22 May 2021 00:31
 Operator : JC/MD
 Sample : M2420-03ME
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CONCESSION-CP-3

Quant Time: May 22 05:02:05 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)

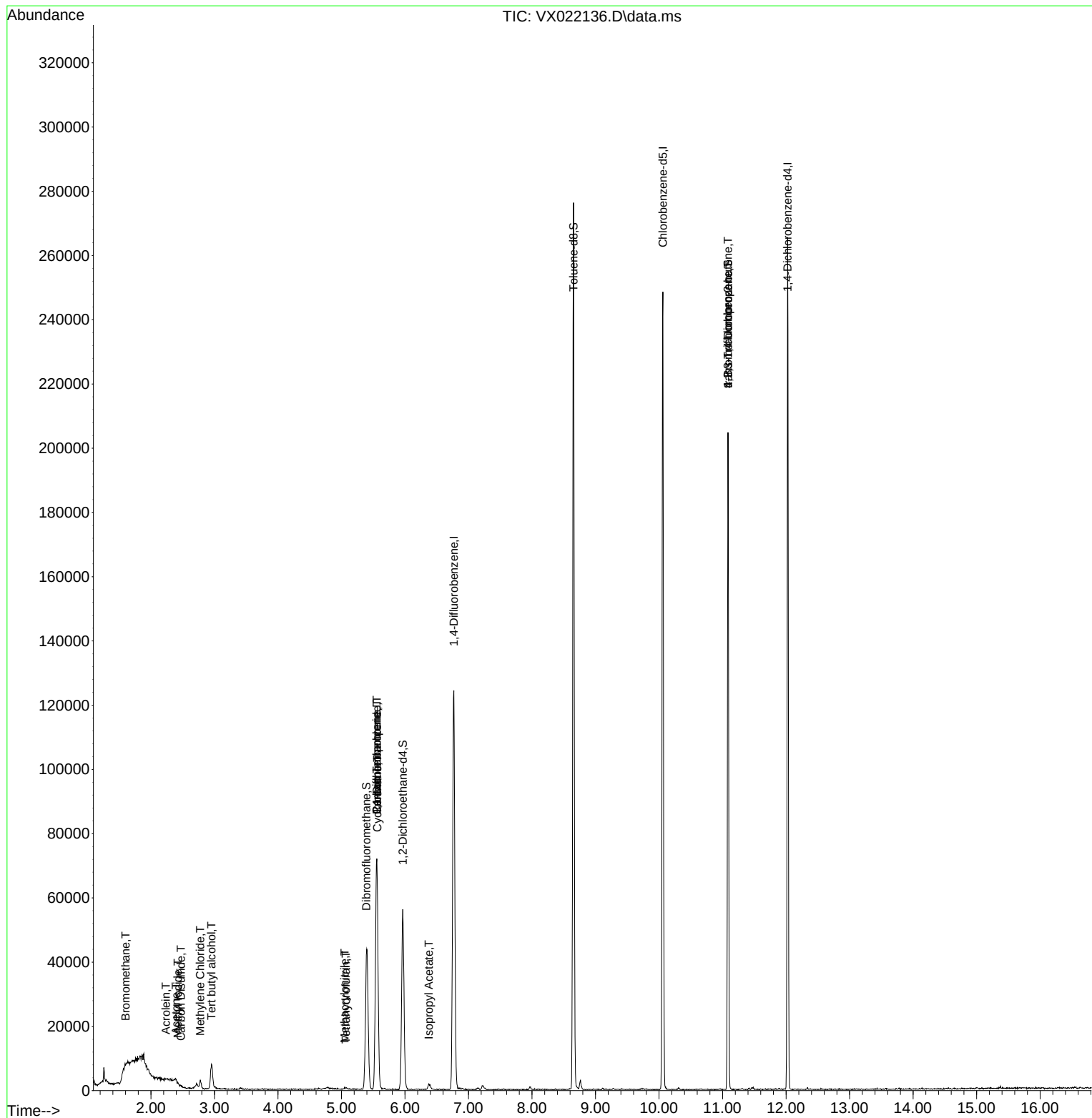
Internal Standards						
1) Pentafluorobenzene	5.556	168	64754	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	127933	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	113165	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49389	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	50200	50.26	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.52%			
35) Dibromofluoromethane	5.391	113	38935	47.99	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.98%			
50) Toluene-d8	8.653	98	156192	49.98	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.96%			
62) 4-Bromofluorobenzene	11.085	95	56983	49.33	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.66%			
Target Compounds						Qvalue
5) Bromomethane	1.599	94	349	0.67	ug/l	82
10) Methyl Iodide	2.422	142	881	1.07	ug/l #	84
11) Tert butyl alcohol	2.953	59	4936	21.61	ug/l #	78
13) Acrolein	2.233	56	145	0.96	ug/l #	14
16) Acetone	2.392	43	233	0.54	ug/l #	40
17) Carbon Disulfide	2.471	76	510	0.26	ug/l #	75
20) Methylene Chloride	2.776	84	1134	1.17	ug/l #	66
29) Tetrahydrofuran	5.068	42	435	1.04	ug/l #	36
31) Cyclohexane	5.562	56	1824	1.45	ug/l #	37
36) 1,1-Dichloropropene	5.556	75	6114	5.17	ug/l #	45
38) Carbon Tetrachloride	5.556	117	7167	6.19	ug/l #	15
41) Methacrylonitrile	5.050	41	213	0.27	ug/l #	21
43) Isopropyl Acetate	6.373	43	850	0.36	ug/l #	57
76) 1,2,3-Trichloropropane	11.085	75	29117	23.90	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	29117	56.62	ug/l #	12

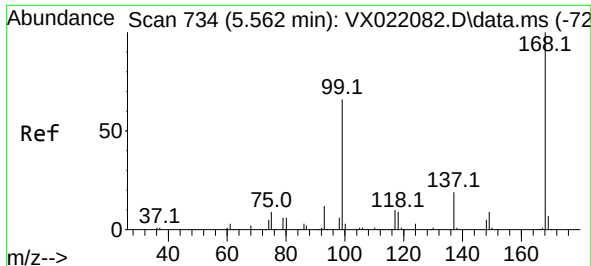
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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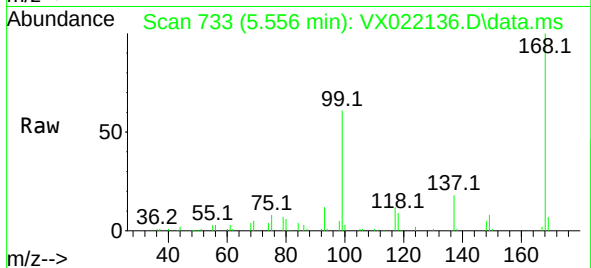
Quant Time: May 22 05:02:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
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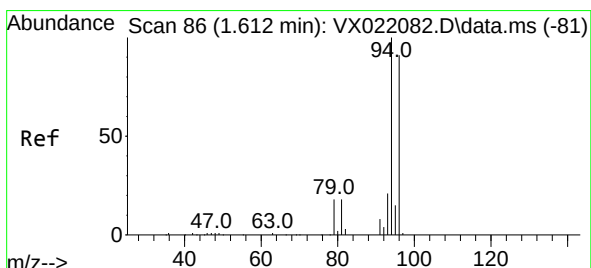
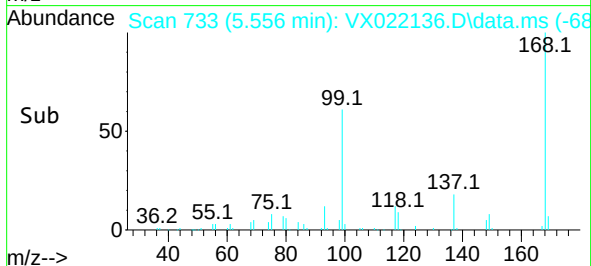
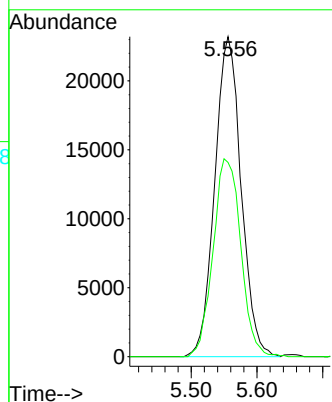


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX022136.D
Acq: 22 May 2021 00:31

Instrument :
MSVOA_X
ClientSampleId :
CONCESSION-CP-3

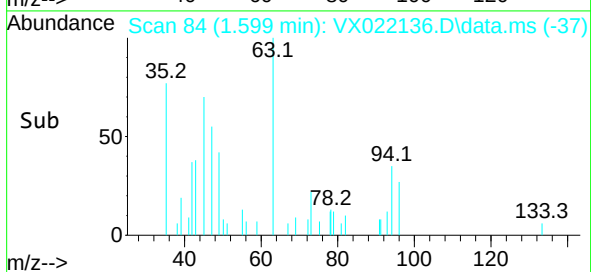
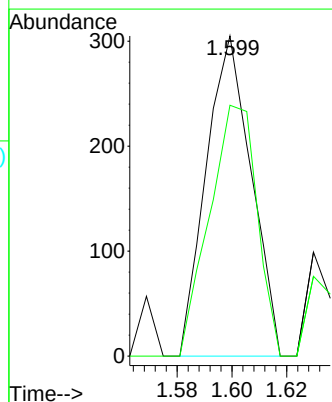
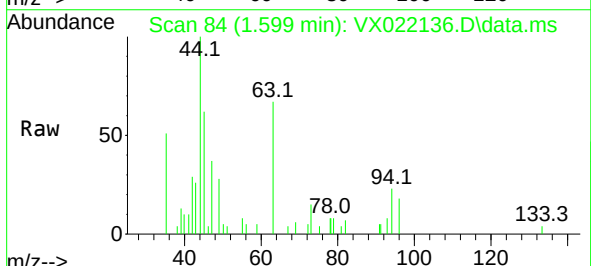


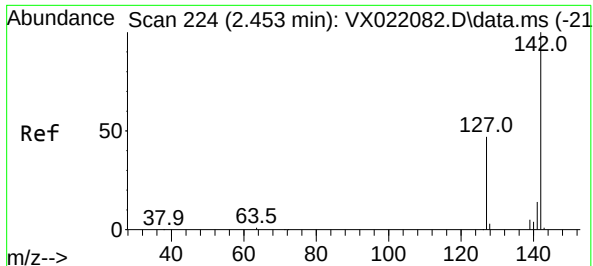
Tgt Ion:168 Resp: 64754
Ion Ratio Lower Upper
168 100
99 60.7 45.8 68.6



#5
Bromomethane
Concen: 0.67 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.013 min
Lab File: VX022136.D
Acq: 22 May 2021 00:31

Tgt Ion: 94 Resp: 349
Ion Ratio Lower Upper
94 100
96 78.4 76.4 114.6





#10

Methyl Iodide

Concen: 1.07 ug/l

RT: 2.422 min Scan# 219

Delta R.T. -0.031 min

Lab File: VX022136.D

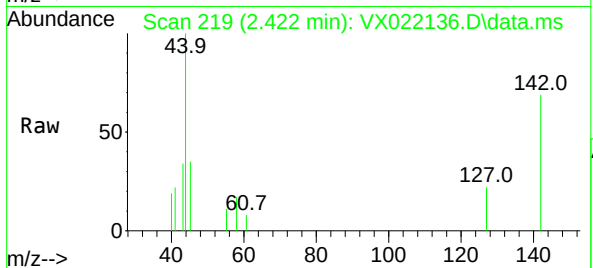
Acq: 22 May 2021 00:31

Instrument :

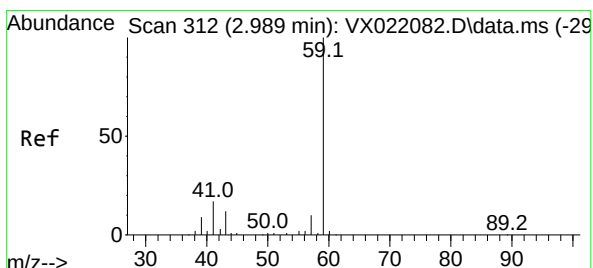
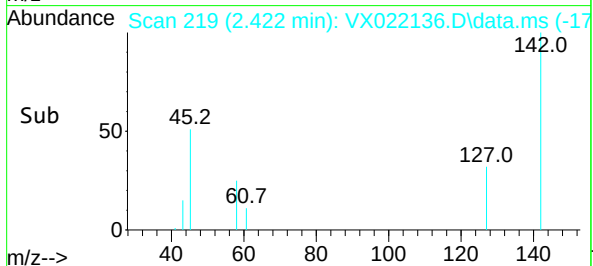
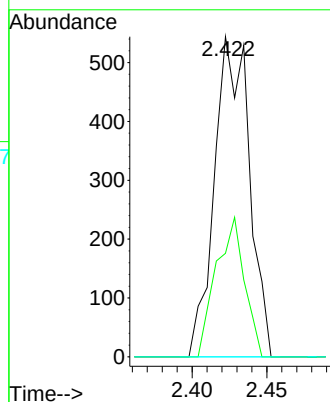
MSVOA_X

ClientSampleId :

CONCESSION-CP-3



Tgt Ion:	142	Resp:	881
Ion	Ratio	Lower	Upper
142	100		
127	35.5	33.3	49.9
141	0.0	11.4	17.0#



#11

Tert butyl alcohol

Concen: 21.61 ug/l

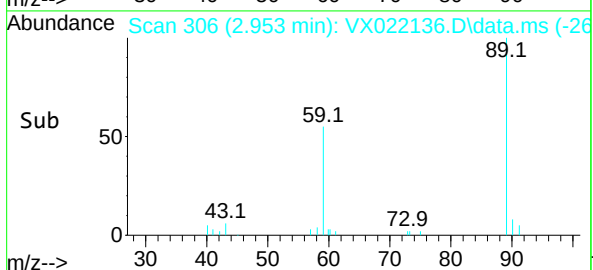
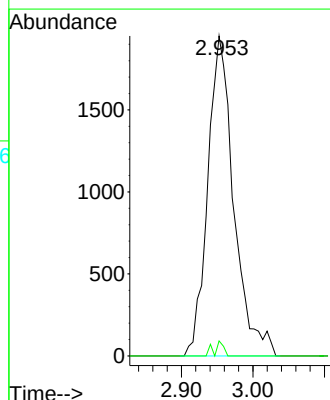
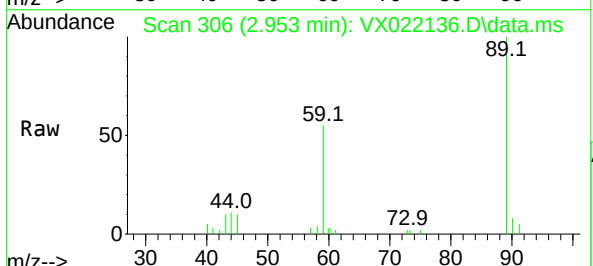
RT: 2.953 min Scan# 306

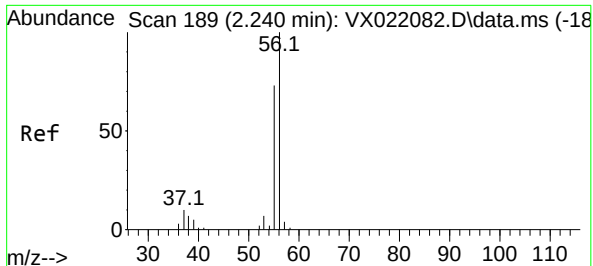
Delta R.T. -0.036 min

Lab File: VX022136.D

Acq: 22 May 2021 00:31

Tgt Ion:	59	Resp:	4936
Ion	Ratio	Lower	Upper
59	100		
57	1.6	7.8	11.8#

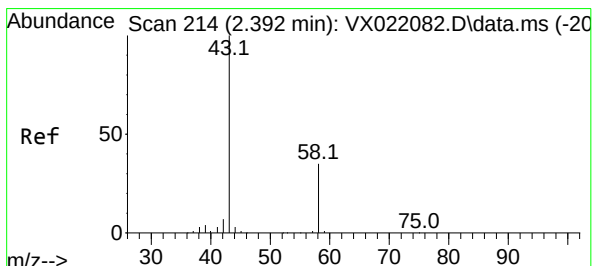
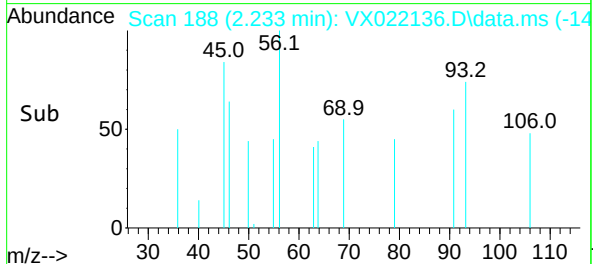
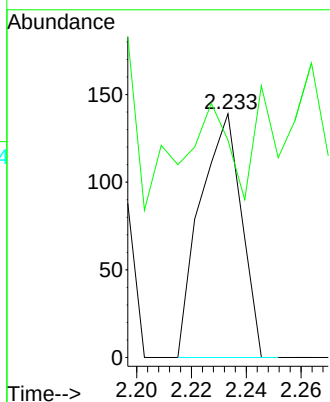
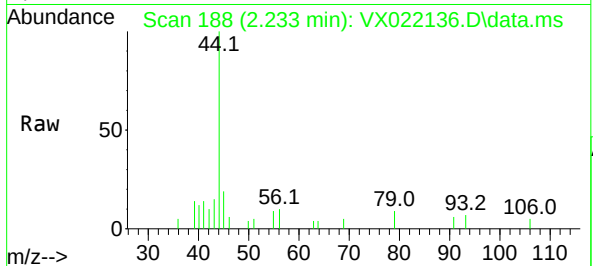




#13
Acrolein
Concen: 0.96 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.007 min
Lab File: VX022136.D
Acq: 22 May 2021 00:31

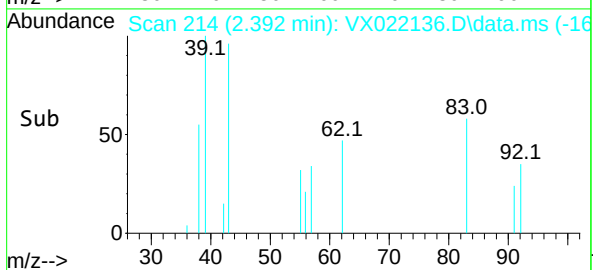
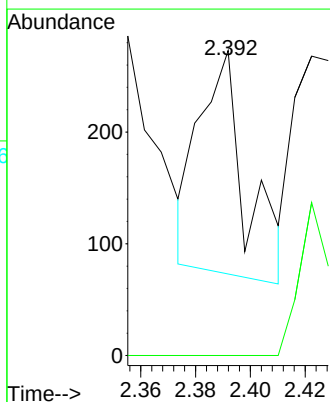
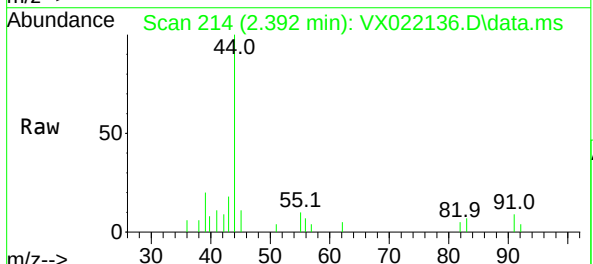
Instrument :
MSVOA_X
ClientSampleId :
CONCESSION-CP-3

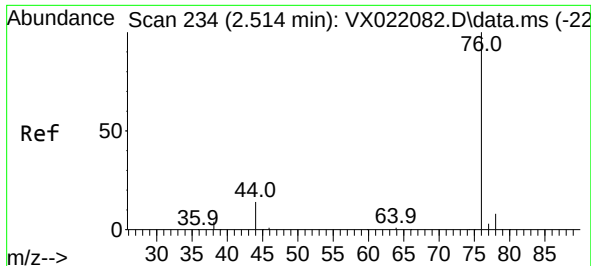
Tgt Ion: 56 Resp: 145
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 0.54 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022136.D
Acq: 22 May 2021 00:31

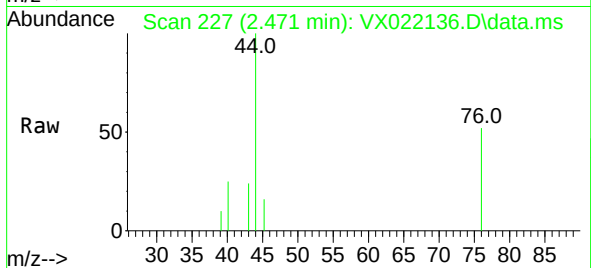
Tgt Ion: 43 Resp: 233
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



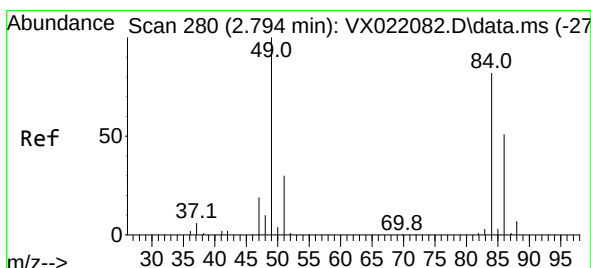
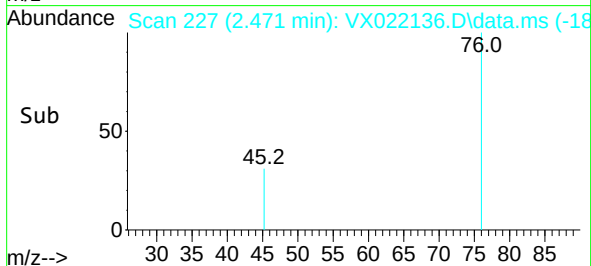
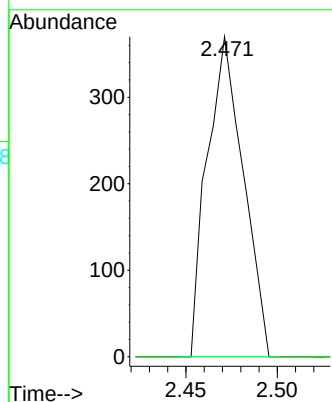


#17
Carbon Disulfide
Concen: 0.26 ug/l
RT: 2.471 min Scan# 227
Delta R.T. -0.043 min
Lab File: VX022136.D
Acq: 22 May 2021 00:31

Instrument :
MSVOA_X
ClientSampleId :
CONCESSION-CP-3

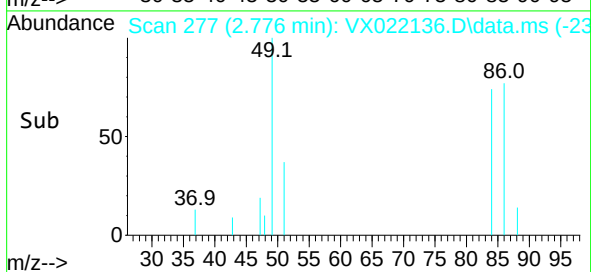
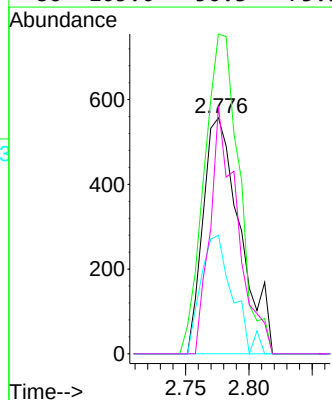
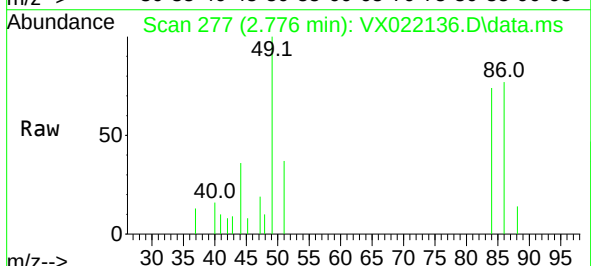


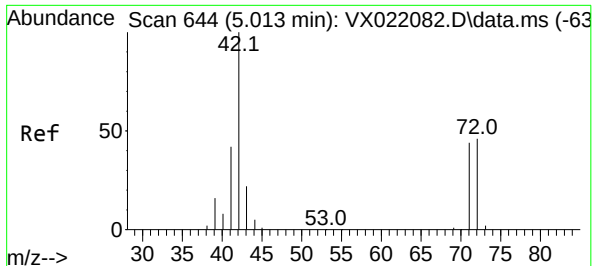
Tgt Ion: 76 Resp: 510
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 1.17 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.018 min
Lab File: VX022136.D
Acq: 22 May 2021 00:31

Tgt Ion: 84 Resp: 1134
Ion Ratio Lower Upper
84 100
49 135.5 88.6 132.8#
51 50.3 27.0 40.6#
86 105.0 50.3 75.5#





#29

Tetrahydrofuran

Concen: 1.04 ug/l

RT: 5.068 min Scan# 653

Delta R.T. 0.055 min

Lab File: VX022136.D

Acq: 22 May 2021 00:31

Tgt Ion: 42 Resp: 435

Ion Ratio Lower Upper

42 100

72 0.0 41.7 62.5#

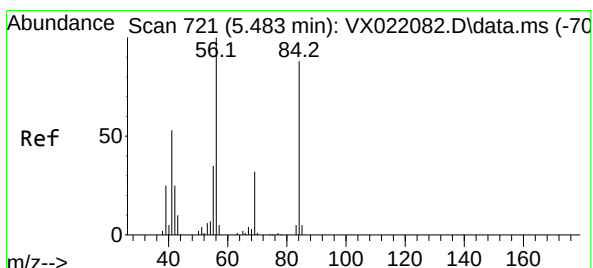
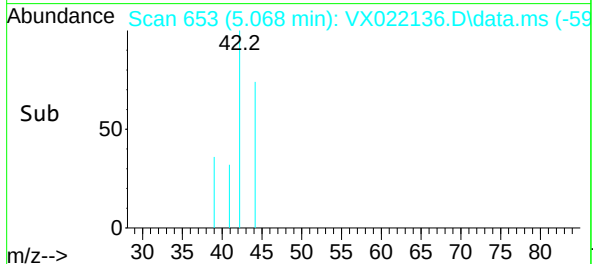
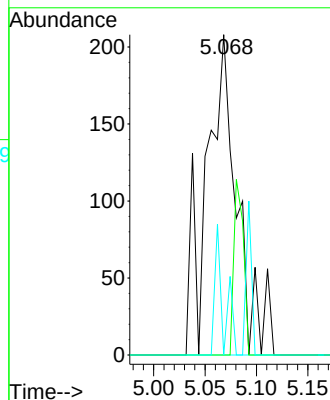
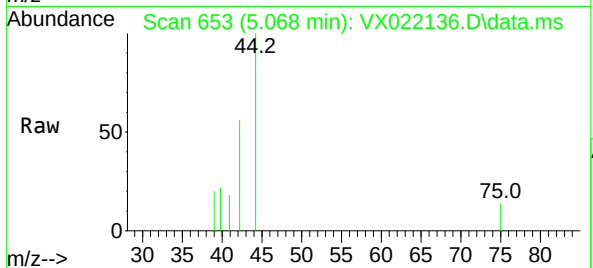
71 11.5 38.4 57.6#

Instrument :

MSVOA_X

ClientSampleId :

CONCESSION-CP-3



#31

Cyclohexane

Concen: 1.45 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.079 min

Lab File: VX022136.D

Acq: 22 May 2021 00:31

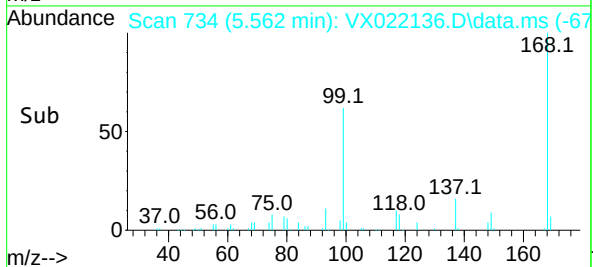
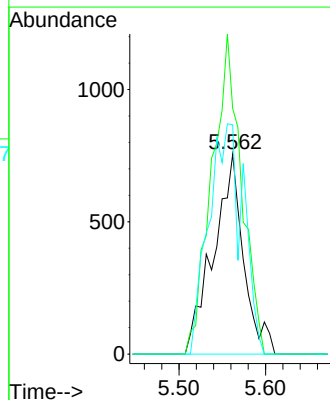
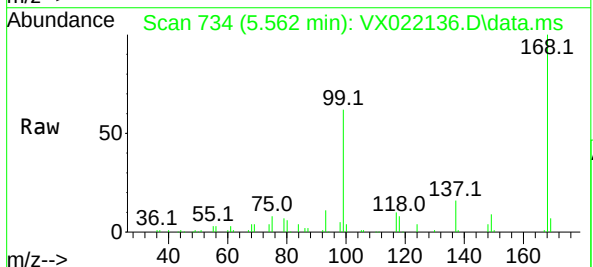
Tgt Ion: 56 Resp: 1824

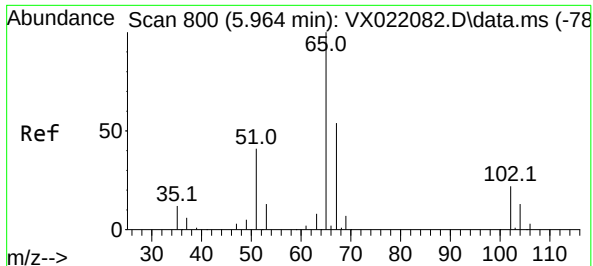
Ion Ratio Lower Upper

56 100

69 123.0 25.3 37.9#

84 114.8 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.26 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022136.D

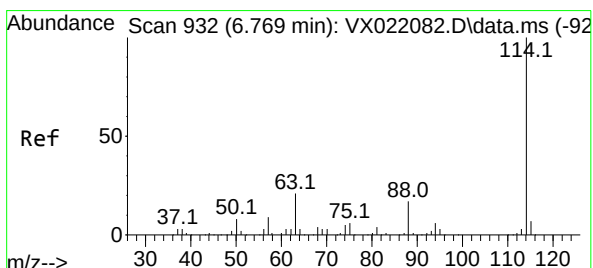
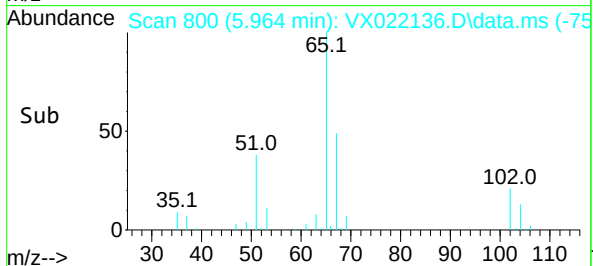
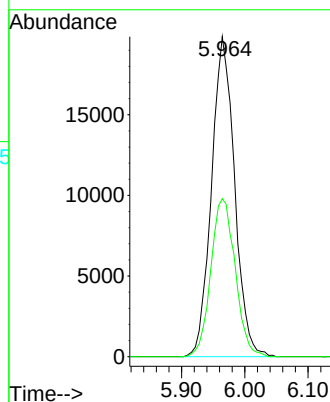
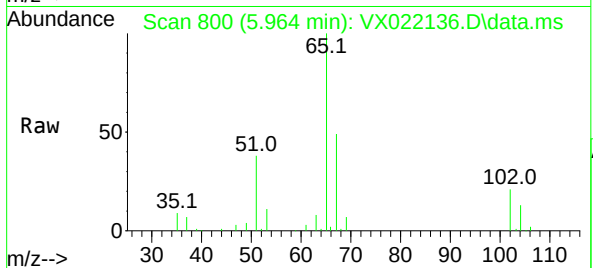
Acq: 22 May 2021 00:31

Tgt Ion: 65 Resp: 50200

Ion Ratio Lower Upper

65 100

67 52.2 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: VX022136.D

Acq: 22 May 2021 00:31

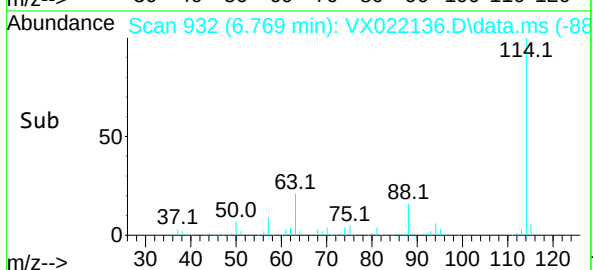
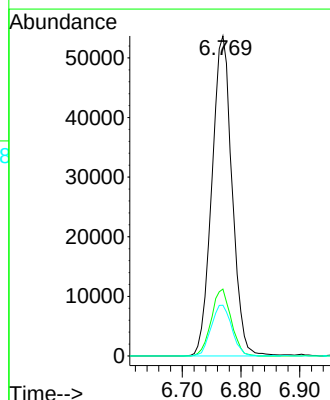
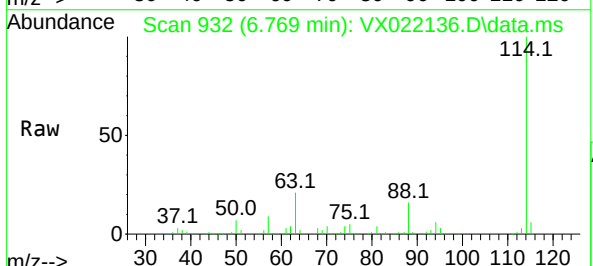
Tgt Ion: 114 Resp: 127933

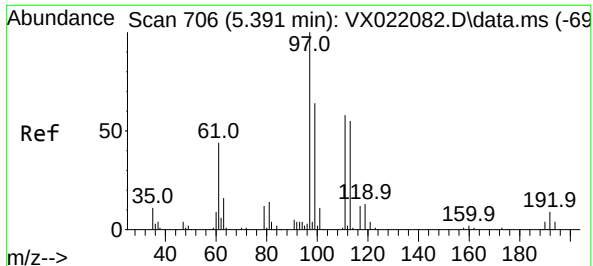
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.8

88 15.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.99 ug/l

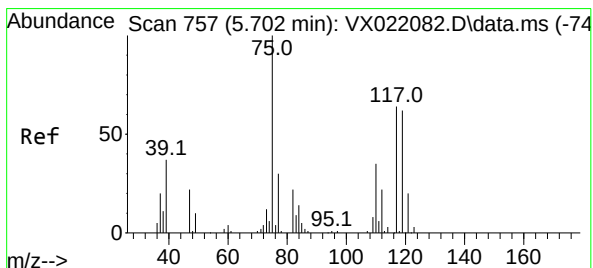
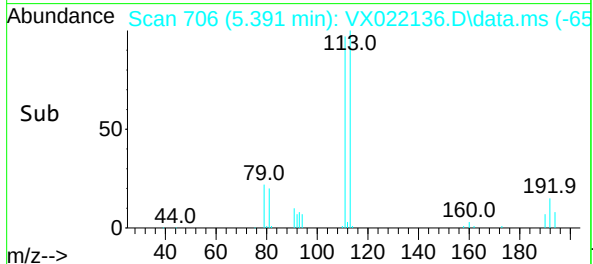
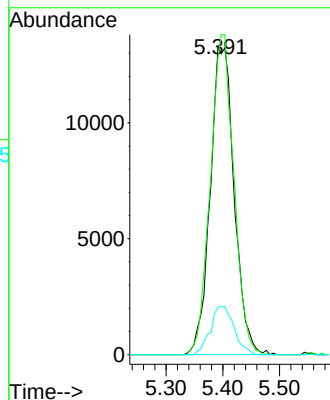
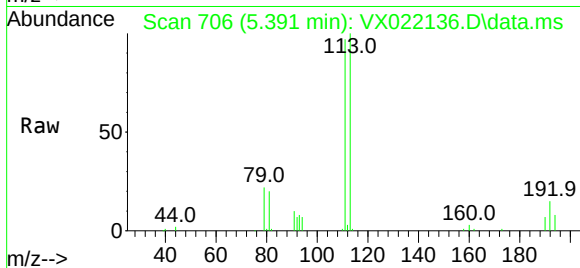
RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX022136.D

Acq: 22 May 2021 00:31

Tgt Ion:	113	Resp:	38935
Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.9	122.9
192	15.5	16.7	25.1#



#36

1,1-Dichloropropene

Concen: 5.17 ug/l

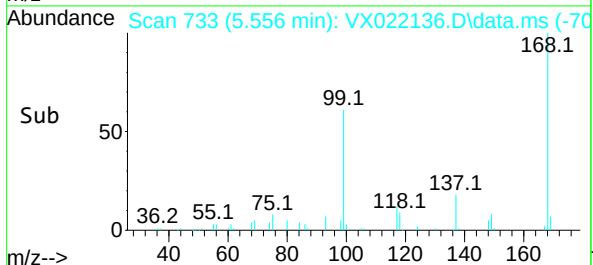
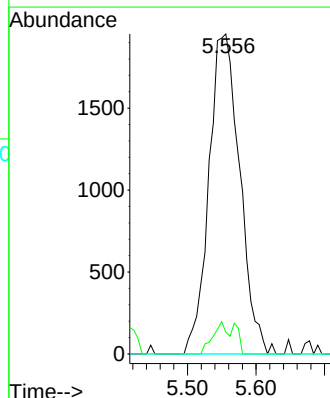
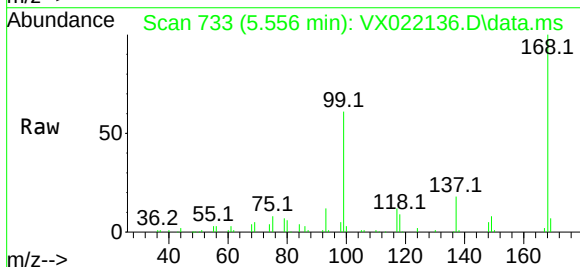
RT: 5.556 min Scan# 733

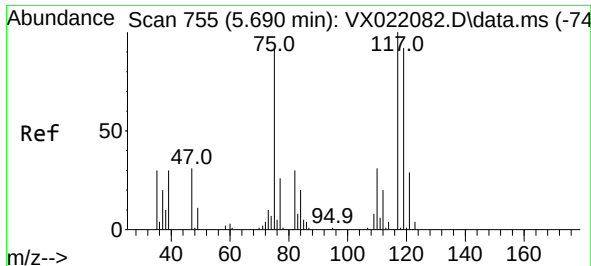
Delta R.T. -0.146 min

Lab File: VX022136.D

Acq: 22 May 2021 00:31

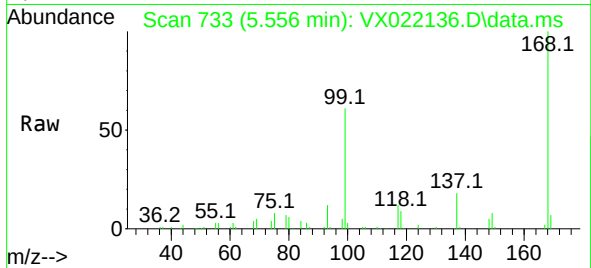
Tgt Ion:	75	Resp:	6114
Ion	Ratio	Lower	Upper
75	100		
110	4.9	18.1	54.4#
77	0.0	25.3	37.9#



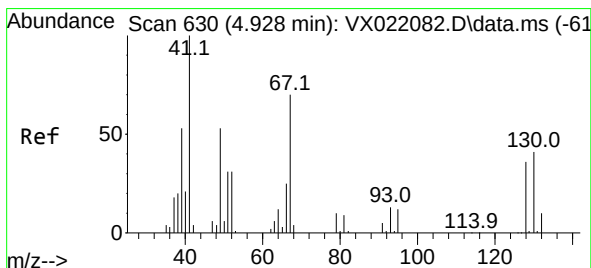
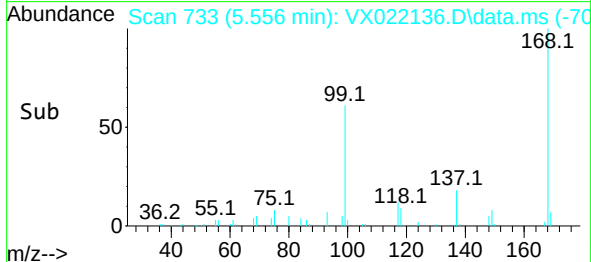
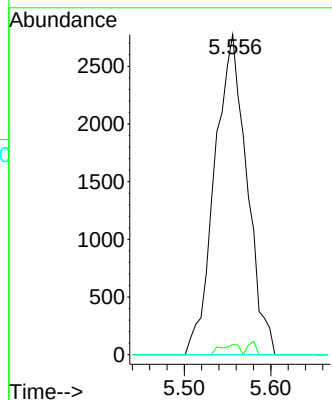


#38
Carbon Tetrachloride
Concen: 6.19 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022136.D
Acq: 22 May 2021 00:31

Instrument :
MSVOA_X
ClientSampleId :
CONCESSION-CP-3

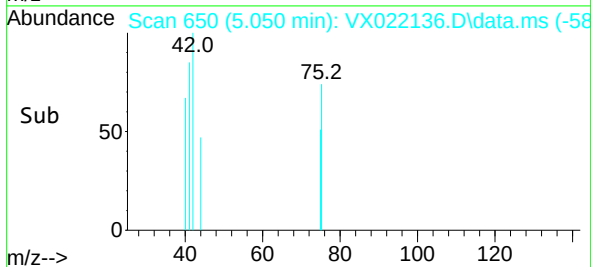
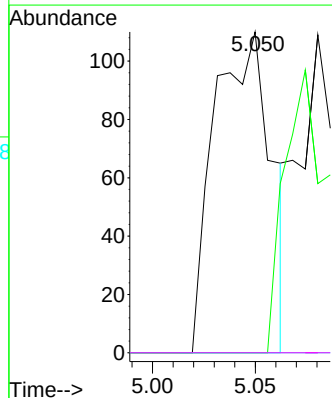
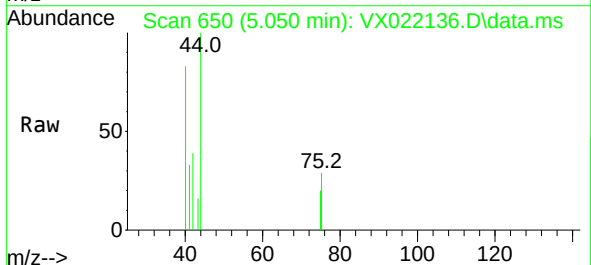


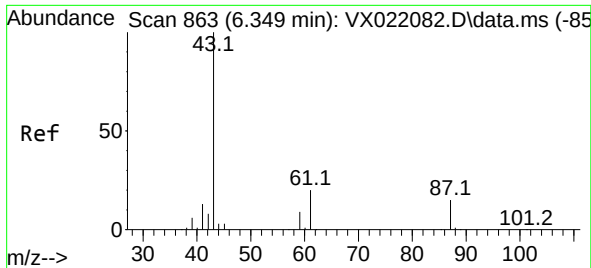
Tgt Ion: 117 Resp: 7167
Ion Ratio Lower Upper
117 100
119 3.1 76.2 114.2#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 0.27 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.122 min
Lab File: VX022136.D
Acq: 22 May 2021 00:31

Tgt Ion: 41 Resp: 213
Ion Ratio Lower Upper
41 100
39 0.0 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

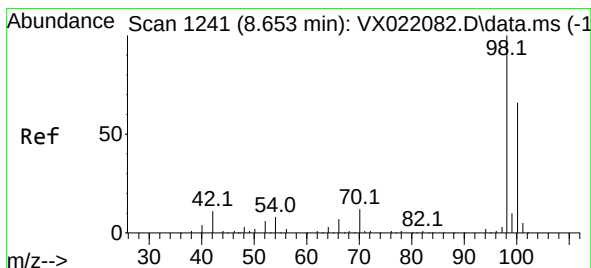
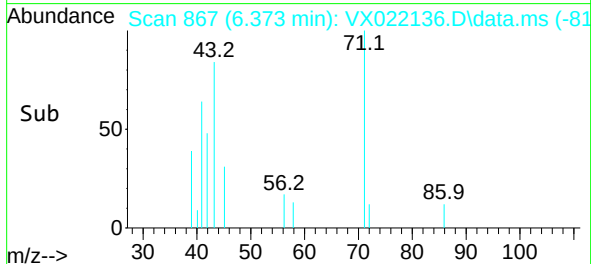
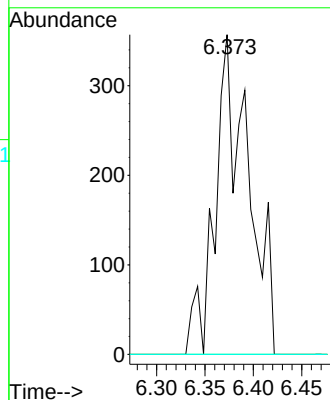
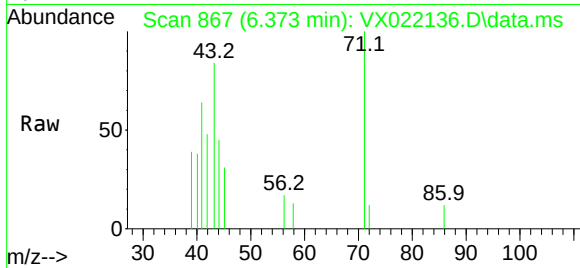




#43
Isopropyl Acetate
Concen: 0.36 ug/l
RT: 6.373 min Scan# 867
Delta R.T. 0.024 min
Lab File: VX022136.D
Acq: 22 May 2021 00:31

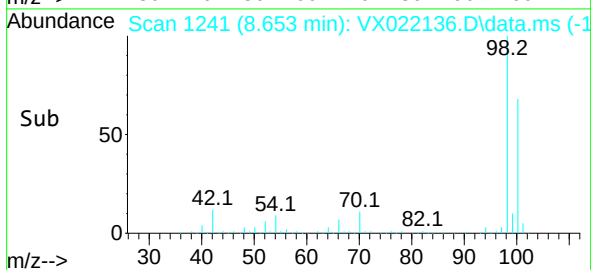
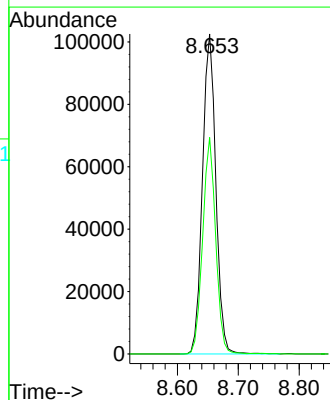
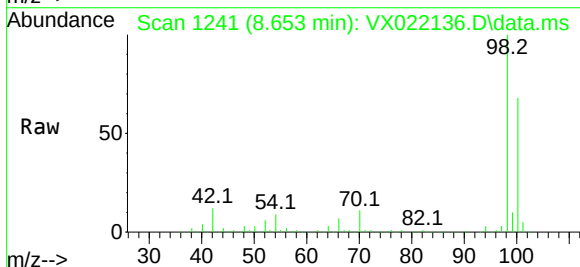
Instrument :
MSVOA_X
ClientSampleId :
CONCESSION-CP-3

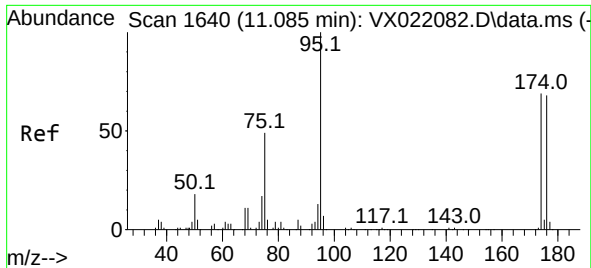
Tgt Ion: 43 Resp: 850
Ion Ratio Lower Upper
43 100
61 0.0 18.2 27.4#
87 0.0 12.5 18.7#



#50
Toluene-d8
Concen: 49.98 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022136.D
Acq: 22 May 2021 00:31

Tgt Ion: 98 Resp: 156192
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9

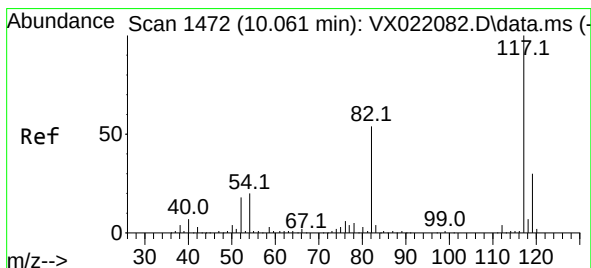
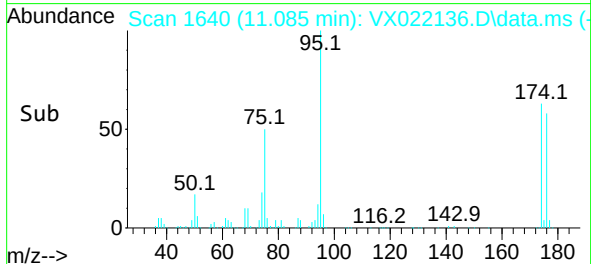
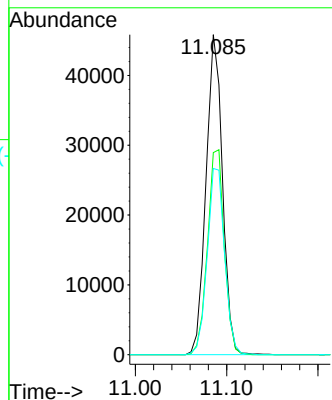
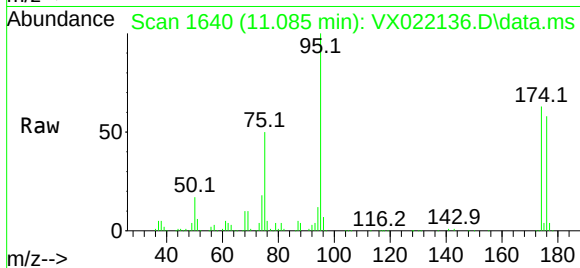




#62
4-Bromofluorobenzene
Concen: 49.33 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022136.D
Acq: 22 May 2021 00:31

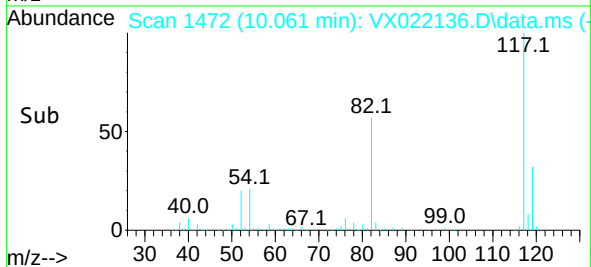
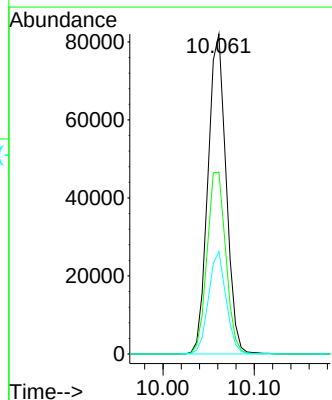
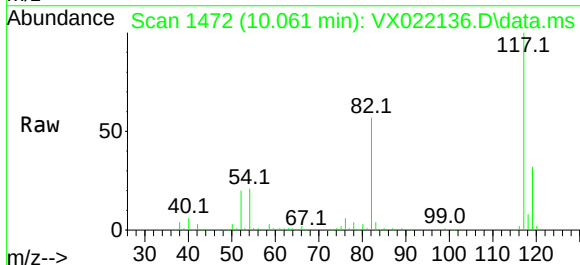
Instrument :
MSVOA_X
ClientSampleId :
CONCESSION-CP-3

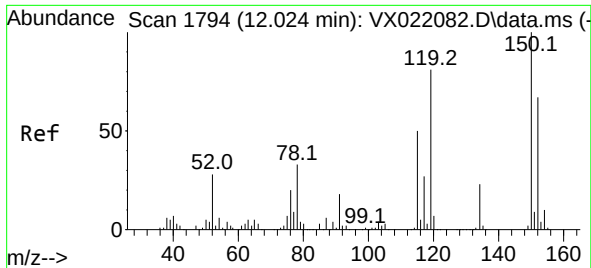
Tgt Ion: 95 Resp: 56983
Ion Ratio Lower Upper
95 100
174 65.6 0.0 154.6
176 61.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022136.D
Acq: 22 May 2021 00:31

Tgt Ion: 117 Resp: 113165
Ion Ratio Lower Upper
117 100
82 56.9 47.4 71.2
119 32.0 26.6 39.8

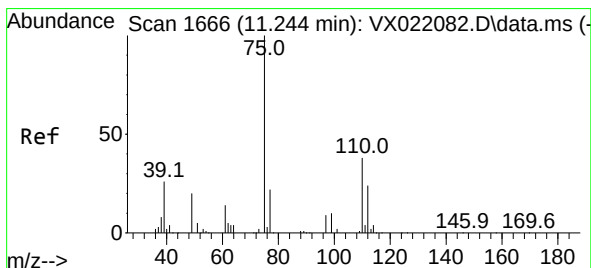
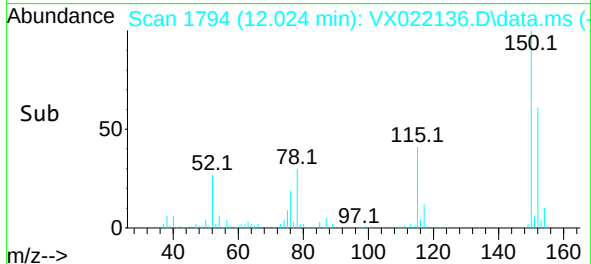
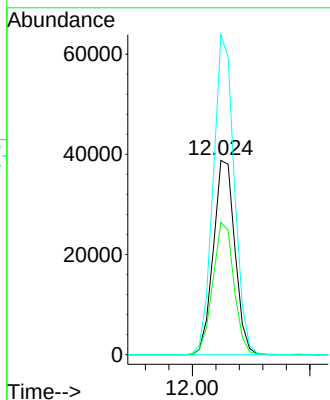
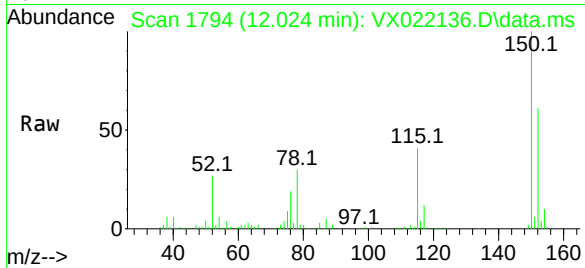




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022136.D
 Acq: 22 May 2021 00:31

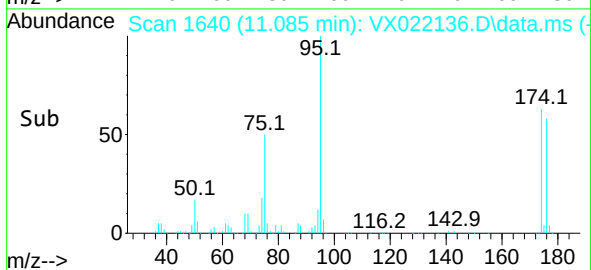
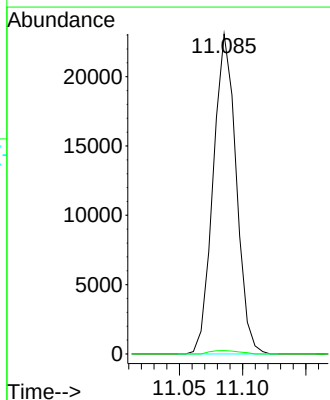
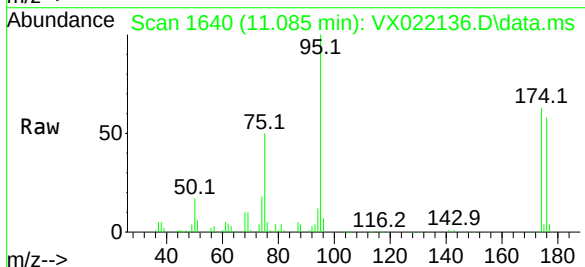
Instrument :
 MSVOA_X
 ClientSampleId :
 CONCESSION-CP-3

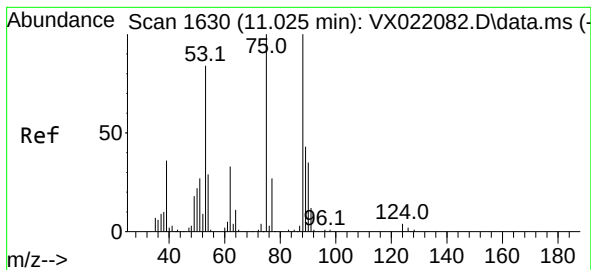
Tgt Ion:152 Resp: 49389
 Ion Ratio Lower Upper
 152 100
 115 66.8 41.1 123.3
 150 160.9 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 23.90 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022136.D
 Acq: 22 May 2021 00:31

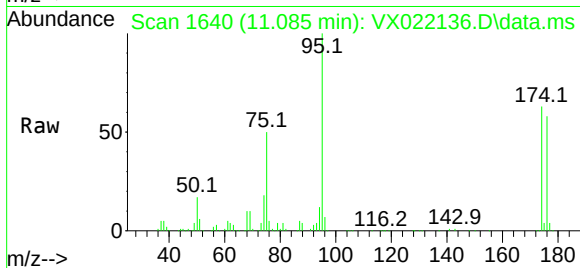
Tgt Ion: 75 Resp: 29117
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.62 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022136.D
 Acq: 22 May 2021 00:31

Instrument :
 MSVOA_X
 ClientSampleId :
 CONCESSION-CP-3



Tgt Ion: 75 Resp: 29117
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

