

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052121\
 Data File : VX022135.D
 Acq On : 22 May 2021 00:08
 Operator : JC/MD
 Sample : M2420-02ME
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CONCESSION-CP-2

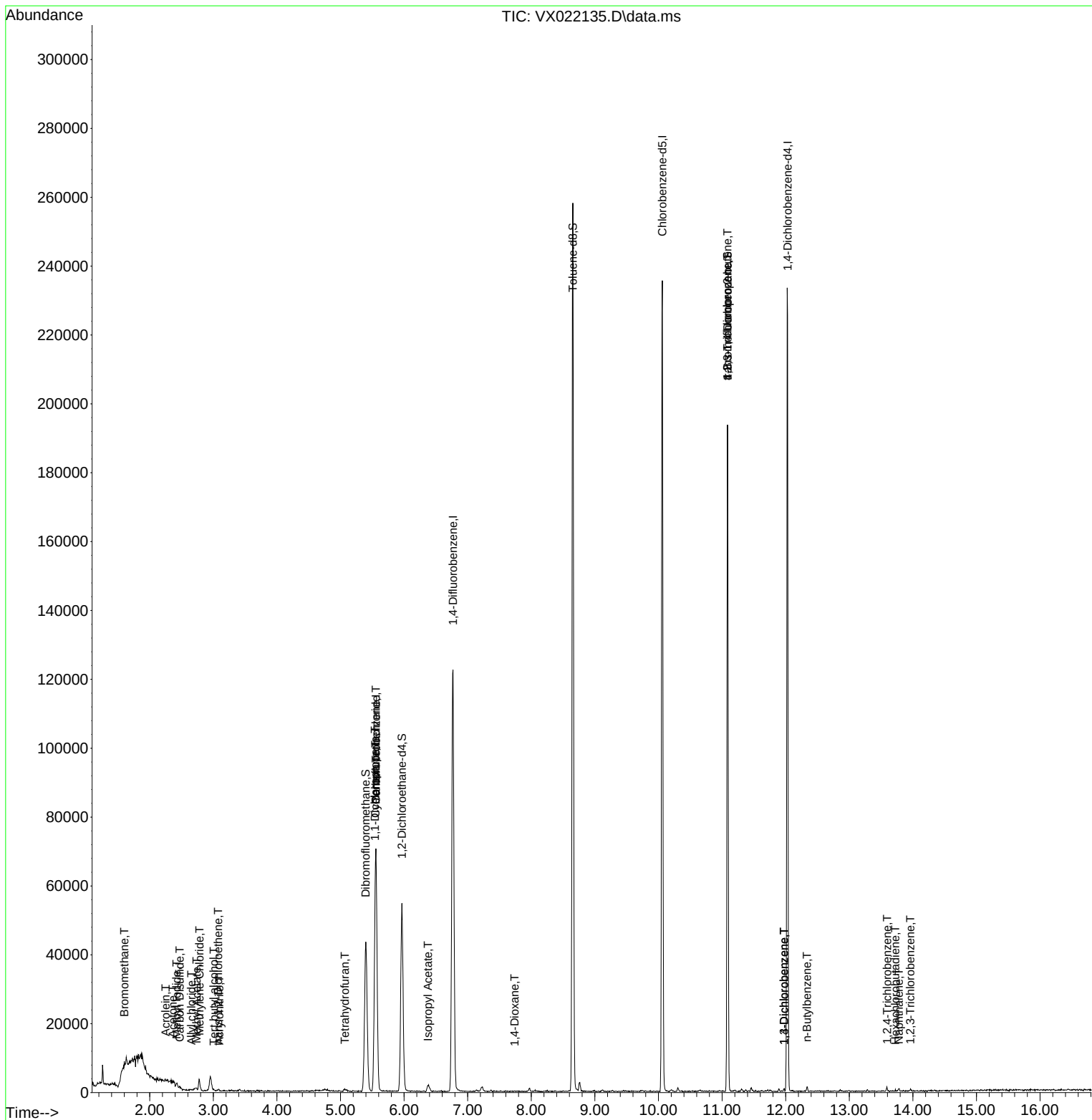
Quant Time: May 22 05:01:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

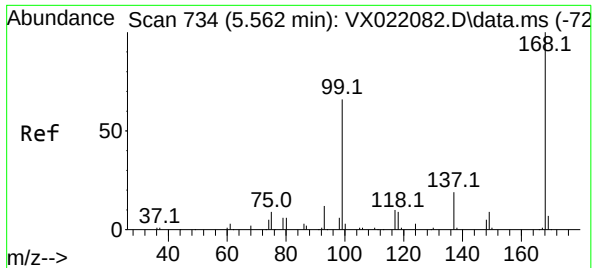
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	61557	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	125940	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	108258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.030	152	45301	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47737	50.27	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.54%			
35) Dibromofluoromethane	5.397	113	36829	46.11	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.22%			
50) Toluene-d8	8.653	98	151066	49.10	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.20%			
62) 4-Bromofluorobenzene	11.085	95	53143	46.73	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.46%			
Target Compounds					Qvalue	
5) Bromomethane	1.599	94	448	0.90	ug/l	87
10) Methyl Iodide	2.422	142	1077	1.37	ug/l	95
11) Tert butyl alcohol	3.007	59	110	0.51	ug/l #	73
13) Acrolein	2.252	56	113	0.78	ug/l #	1
14) Allyl chloride	2.654	41	268	0.21	ug/l #	70
15) Acrylonitrile	3.093	53	142	0.33	ug/l #	18
16) Acetone	2.361	43	223	0.54	ug/l #	40
17) Carbon Disulfide	2.471	76	621	0.34	ug/l #	80
18) Methyl Acetate	2.739	43	744	0.68	ug/l #	65
20) Methylene Chloride	2.782	84	1289	1.40	ug/l	94
21) trans-1,2-Dichloroethene	3.075	96	213	0.28	ug/l #	55
29) Tetrahydrofuran	5.068	42	454	1.14	ug/l #	73
31) Cyclohexane	5.550	56	1715	1.44	ug/l #	37
36) 1,1-Dichloropropene	5.544	75	5795	4.98	ug/l #	48
38) Carbon Tetrachloride	5.556	117	7202	6.32	ug/l #	15
43) Isopropyl Acetate	6.373	43	1009	0.43	ug/l #	57
49) 1,4-Dioxane	7.738	88	25	1.19	ug/l #	24
76) 1,2,3-Trichloropropane	11.085	75	27326	24.45	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	27326	57.93	ug/l #	12
87) 1,3-Dichlorobenzene	11.975	146	362	0.23	ug/l	82
88) 1,4-Dichlorobenzene	11.975	146	362	0.22	ug/l	82
89) n-Butylbenzene	12.335	91	765	0.25	ug/l	87
93) 1,2,4-Trichlorobenzene	13.597	180	373	0.41	ug/l	87
94) Hexachlorobutadiene	13.725	225	134	0.38	ug/l #	39
95) Naphthalene	13.780	128	808	0.23	ug/l #	77
96) 1,2,3-Trichlorobenzene	13.963	180	254	0.28	ug/l	62

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

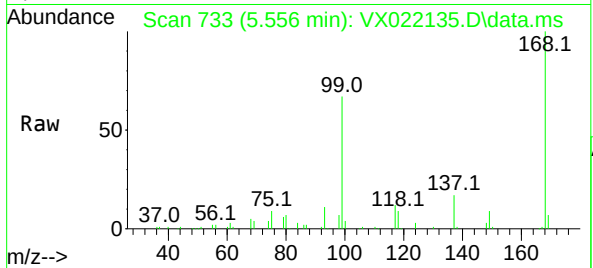
Quant Time: May 22 05:01:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
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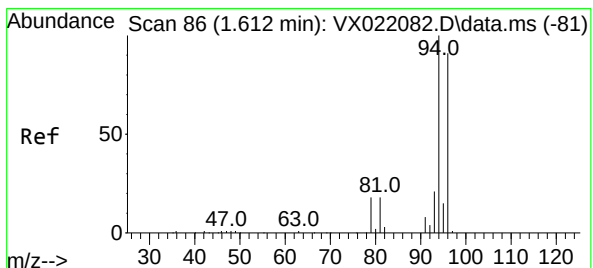
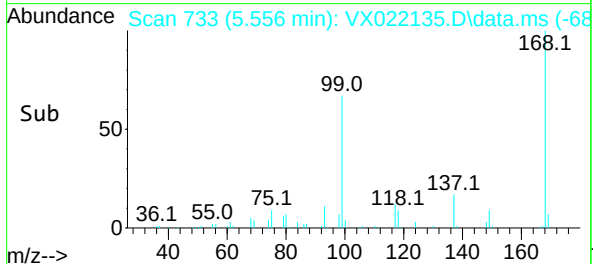
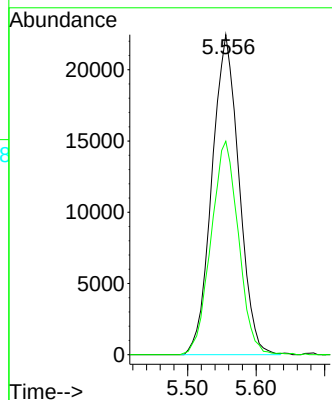


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX022135.D
Acq: 22 May 2021 00:08

Instrument :
MSVOA_X
ClientSampleId :
CONCESSION-CP-2

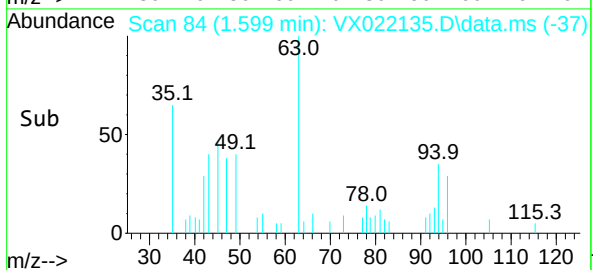
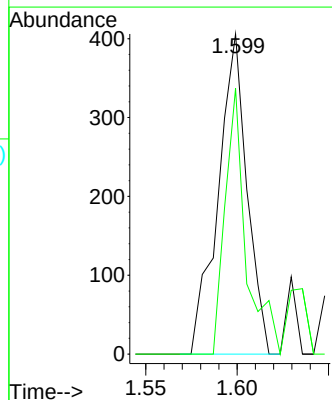
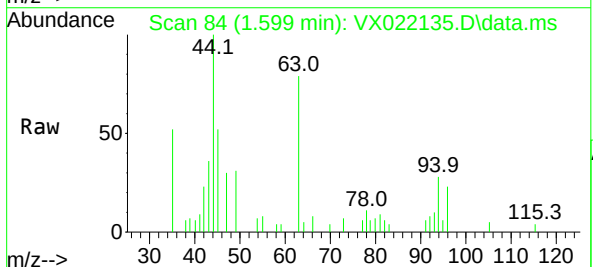


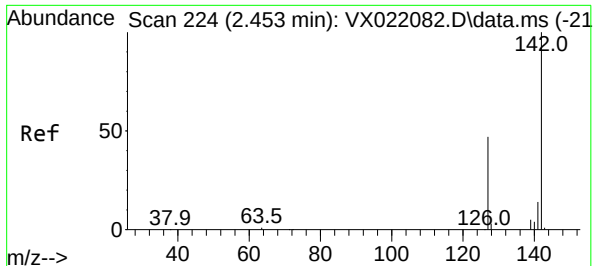
Tgt Ion:168 Resp: 61557
Ion Ratio Lower Upper
168 100
99 66.7 45.8 68.6



#5
Bromomethane
Concen: 0.90 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.013 min
Lab File: VX022135.D
Acq: 22 May 2021 00:08

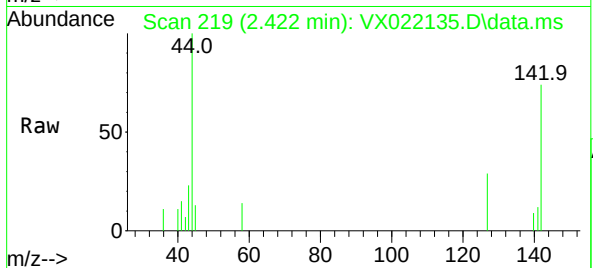
Tgt Ion: 94 Resp: 448
Ion Ratio Lower Upper
94 100
96 83.0 76.4 114.6



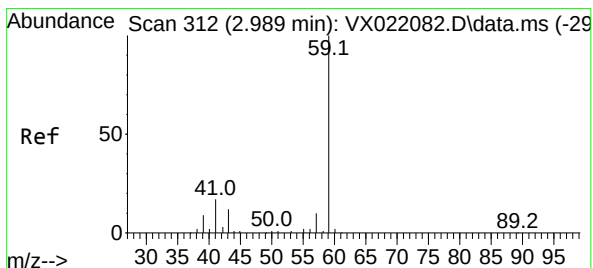
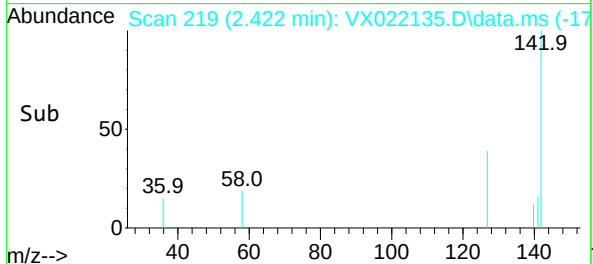
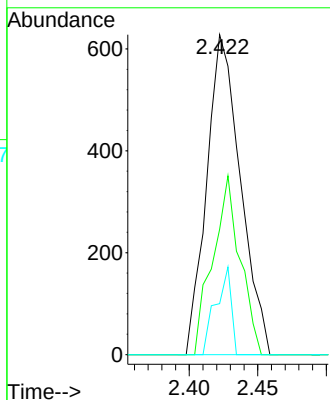


#10
Methyl Iodide
Concen: 1.37 ug/l
RT: 2.422 min Scan# 219
Delta R.T. -0.031 min
Lab File: VX022135.D
Acq: 22 May 2021 00:08

Instrument :
MSVOA_X
ClientSampleId :
CONCESSION-CP-2

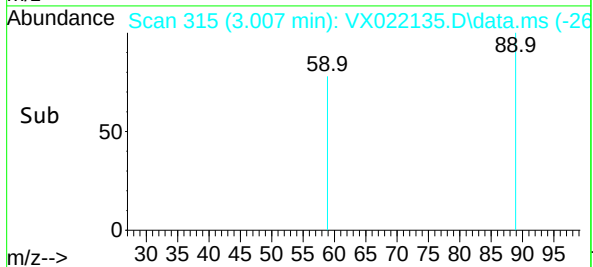
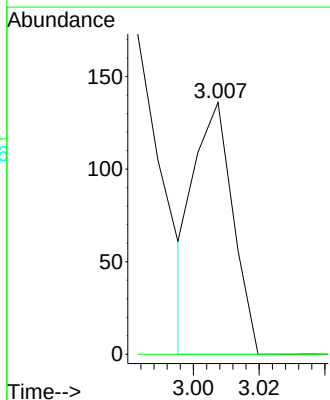
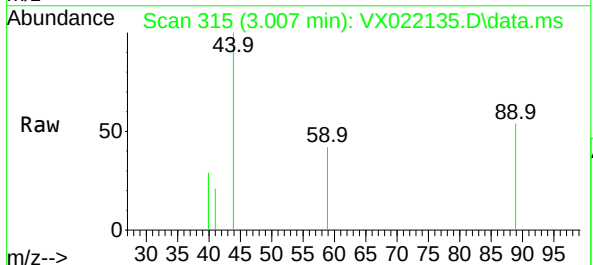


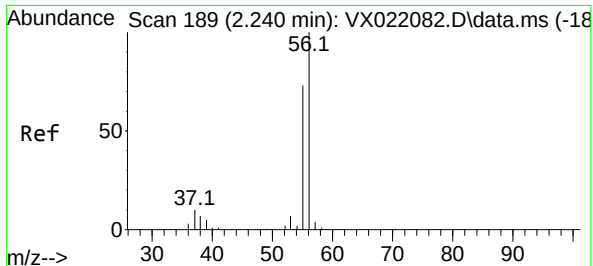
Tgt Ion:142 Resp: 1077
Ion Ratio Lower Upper
142 100
127 45.2 33.3 49.9
141 12.5 11.4 17.0



#11
Tert butyl alcohol
Concen: 0.51 ug/l
RT: 3.007 min Scan# 315
Delta R.T. 0.018 min
Lab File: VX022135.D
Acq: 22 May 2021 00:08

Tgt Ion: 59 Resp: 110
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

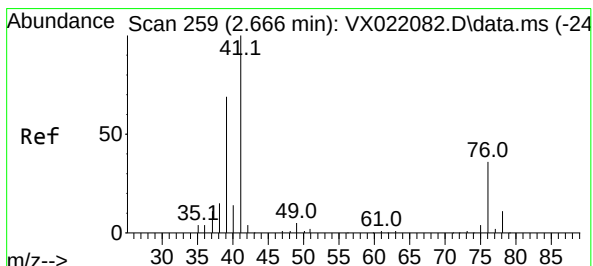
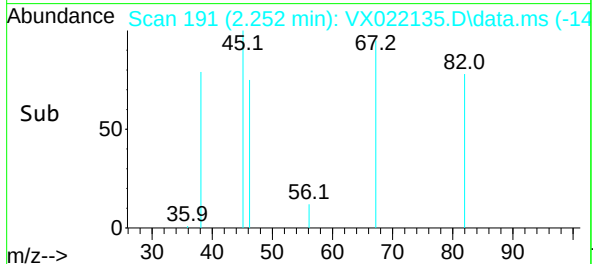
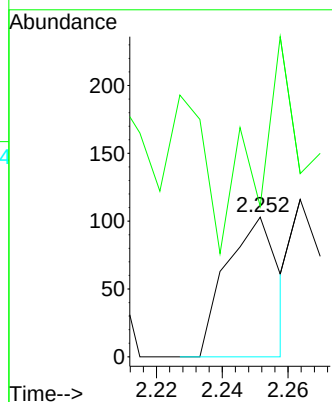
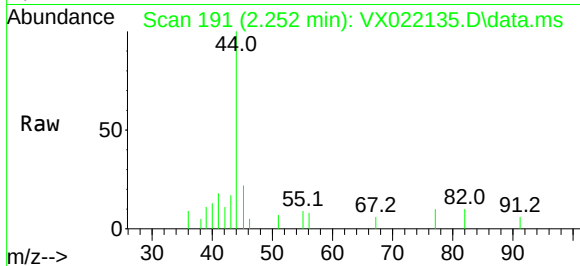




#13
Acrolein
Concen: 0.78 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.011 min
Lab File: VX022135.D
Acq: 22 May 2021 00:08

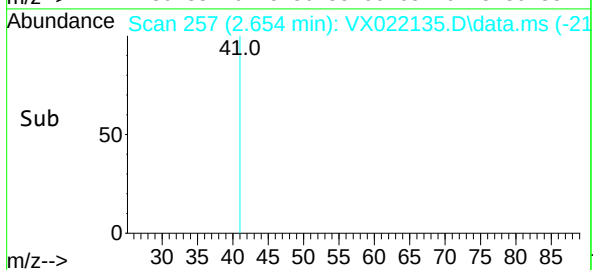
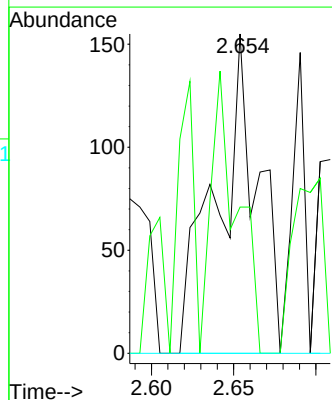
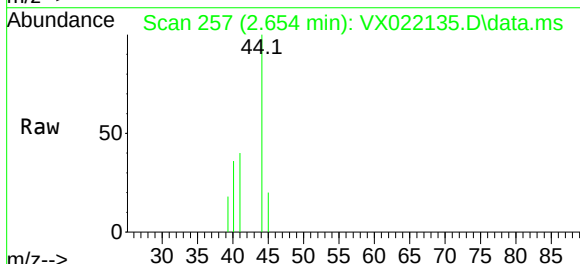
Instrument :
MSVOA_X
ClientSampleId :
CONCESSION-CP-2

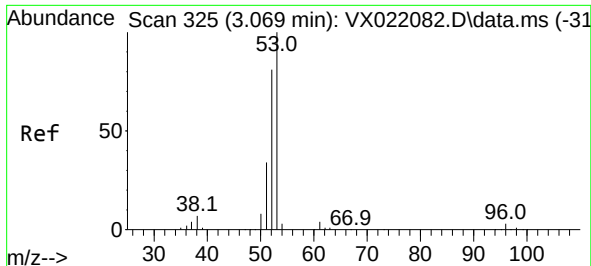
Tgt Ion: 56 Resp: 113
Ion Ratio Lower Upper
56 100
55 296.5 56.4 84.6#



#14
Allyl chloride
Concen: 0.21 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.012 min
Lab File: VX022135.D
Acq: 22 May 2021 00:08

Tgt Ion: 41 Resp: 268
Ion Ratio Lower Upper
41 100
39 56.3 51.6 77.4
76 0.0 30.5 45.7#

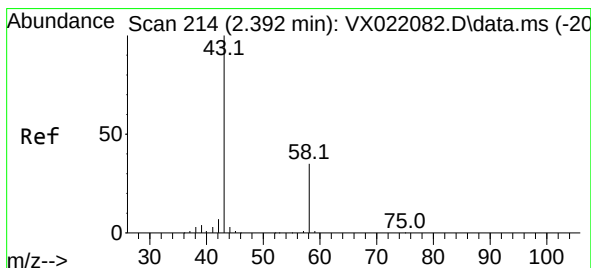
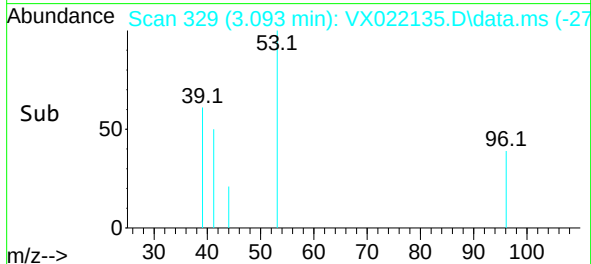
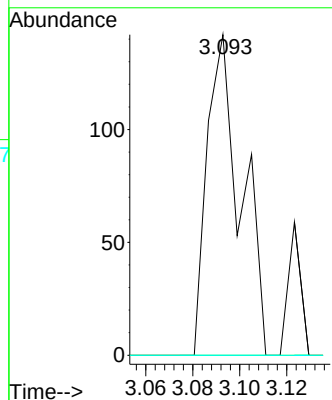
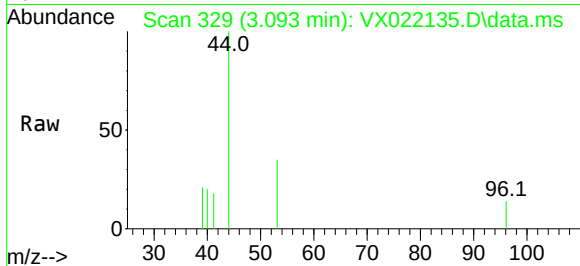




#15
Acrylonitrile
Concen: 0.33 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.024 min
Lab File: VX022135.D
Acq: 22 May 2021 00:08

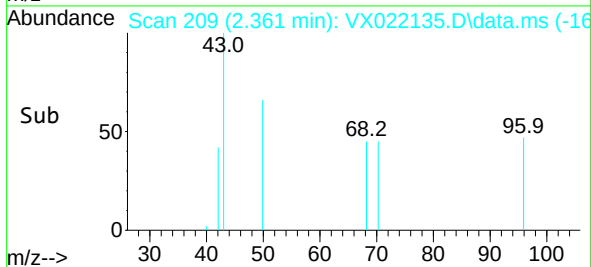
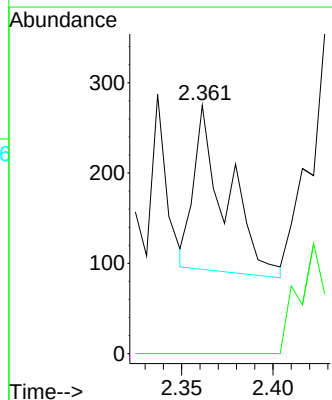
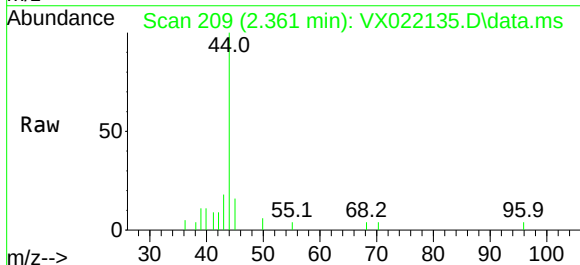
Instrument :
MSVOA_X
ClientSampleId :
CONCESSION-CP-2

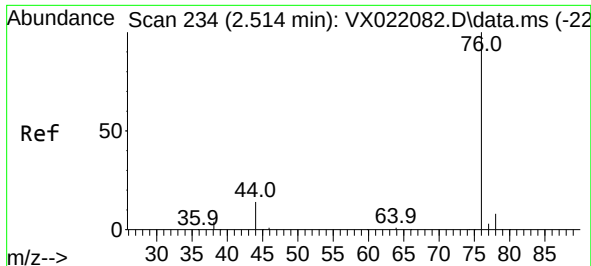
Tgt Ion: 53 Resp: 142
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 0.0 28.2 42.2#



#16
Acetone
Concen: 0.54 ug/l
RT: 2.361 min Scan# 209
Delta R.T. -0.031 min
Lab File: VX022135.D
Acq: 22 May 2021 00:08

Tgt Ion: 43 Resp: 223
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#

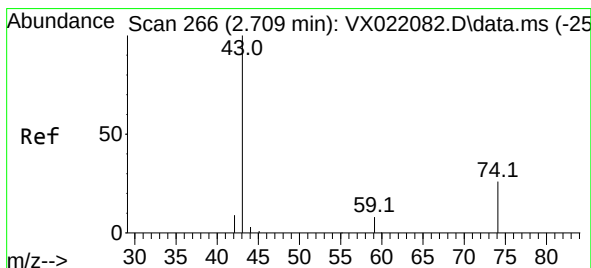
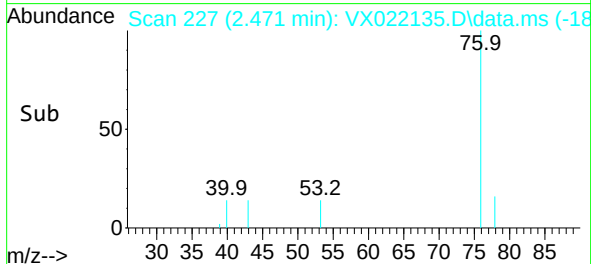
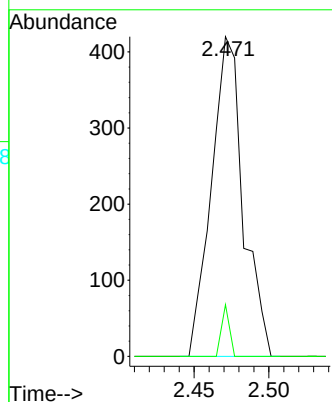
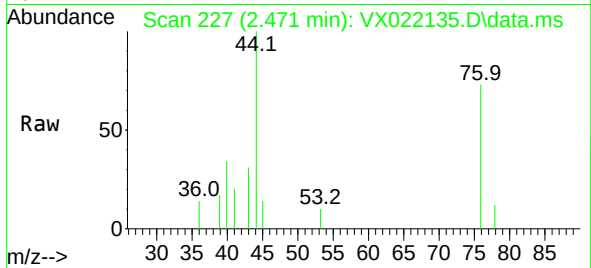




#17
Carbon Disulfide
Concen: 0.34 ug/l
RT: 2.471 min Scan# 227
Delta R.T. -0.043 min
Lab File: VX022135.D
Acq: 22 May 2021 00:08

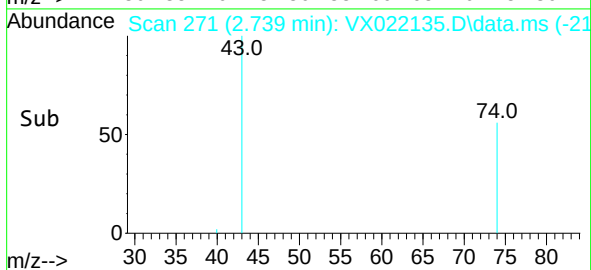
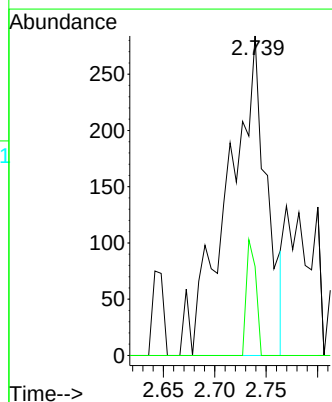
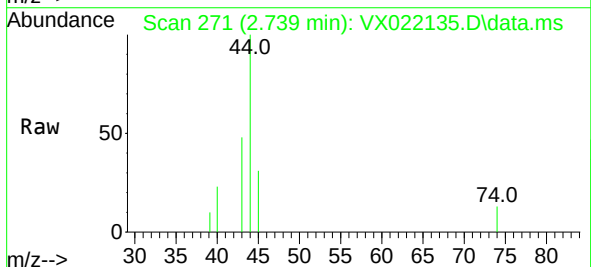
Instrument :
MSVOA_X
ClientSampleId :
CONCESSION-CP-2

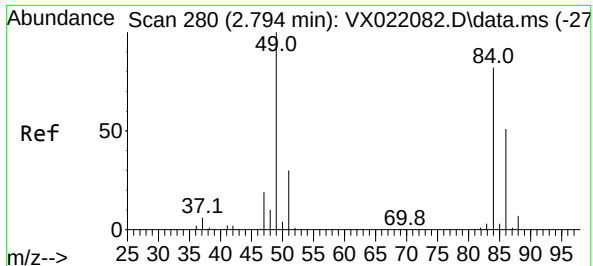
Tgt Ion: 76 Resp: 621
Ion Ratio Lower Upper
76 100
78 16.2 7.2 10.8#



#18
Methyl Acetate
Concen: 0.68 ug/l
RT: 2.739 min Scan# 271
Delta R.T. 0.030 min
Lab File: VX022135.D
Acq: 22 May 2021 00:08

Tgt Ion: 43 Resp: 744
Ion Ratio Lower Upper
43 100
74 9.0 21.9 32.9#





#20

Methylene Chloride

Concen: 1.40 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.012 min

Lab File: VX022135.D

Acq: 22 May 2021 00:08

Tgt Ion: 84 Resp: 1289

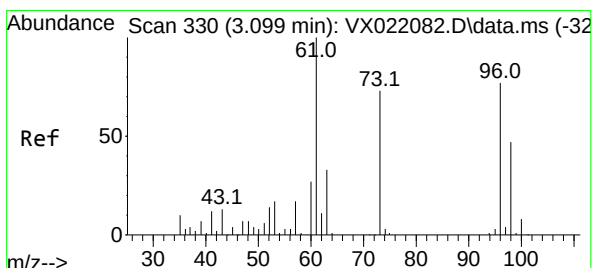
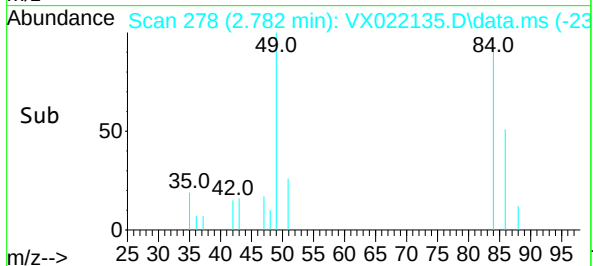
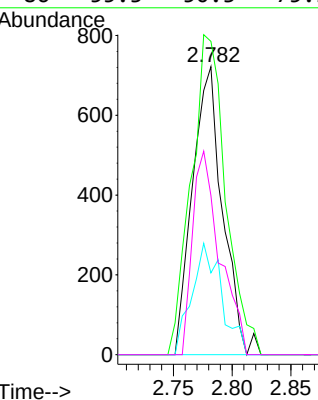
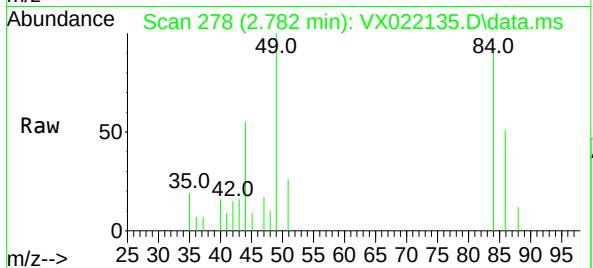
Ion Ratio Lower Upper

84 100

49 108.7 88.6 132.8

51 28.4 27.0 40.6

86 55.3 50.3 75.5



#21

trans-1,2-Dichloroethene

Concen: 0.28 ug/l

RT: 3.075 min Scan# 326

Delta R.T. -0.024 min

Lab File: VX022135.D

Acq: 22 May 2021 00:08

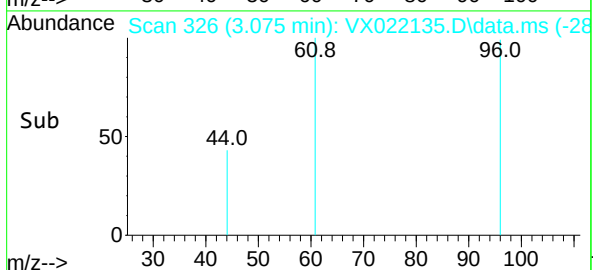
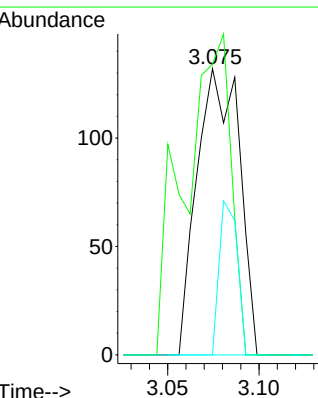
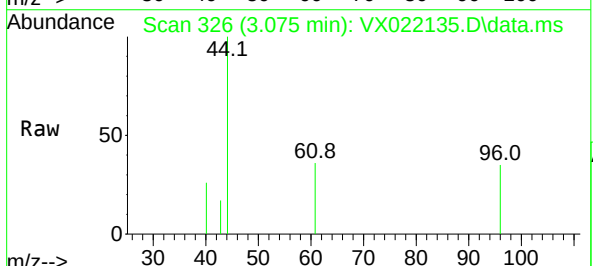
Tgt Ion: 96 Resp: 213

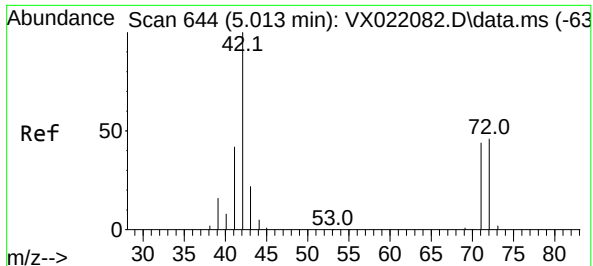
Ion Ratio Lower Upper

96 100

61 101.5 107.7 161.5#

98 0.0 50.4 75.6#





#29

Tetrahydrofuran

Concen: 1.14 ug/l

RT: 5.068 min Scan# 653

Delta R.T. 0.055 min

Lab File: VX022135.D

Acq: 22 May 2021 00:08

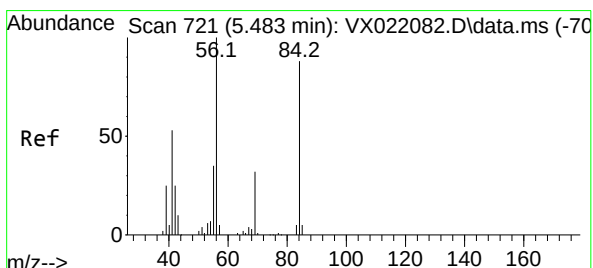
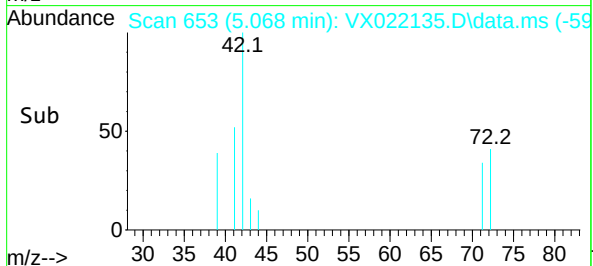
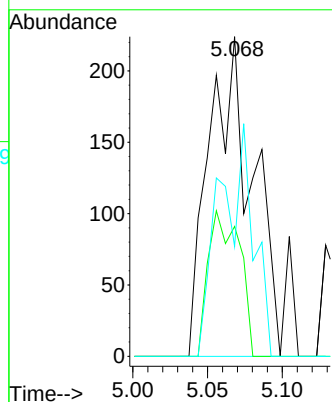
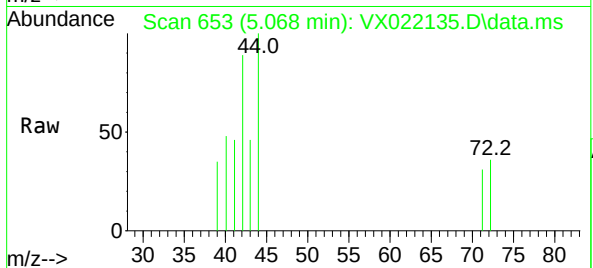
Tgt Ion:	42	Resp:	454
Ion	Ratio	Lower	Upper
42	100		
72	32.6	41.7	62.5#
71	30.4	38.4	57.6#

Instrument :

MSVOA_X

ClientSampleId :

CONCESSION-CP-2



#31

Cyclohexane

Concen: 1.44 ug/l

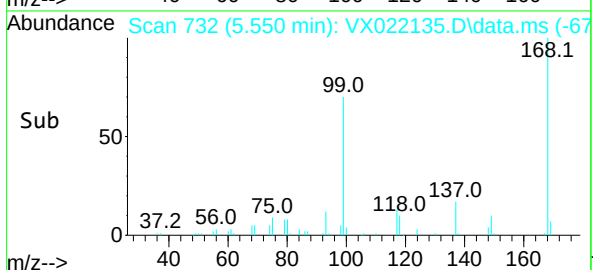
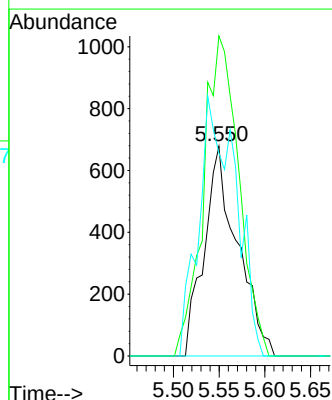
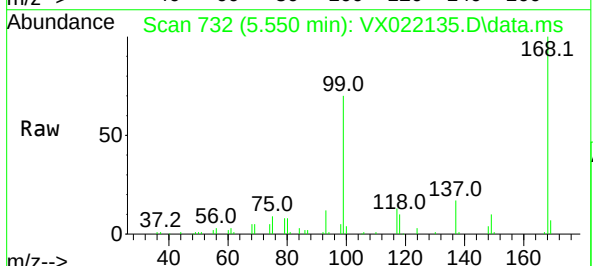
RT: 5.550 min Scan# 732

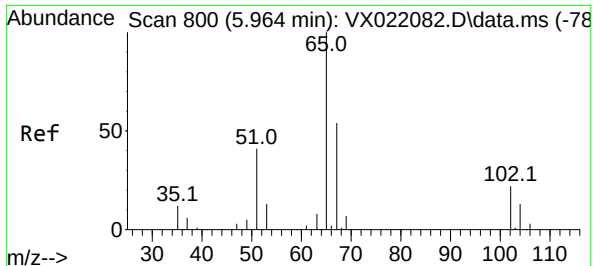
Delta R.T. 0.067 min

Lab File: VX022135.D

Acq: 22 May 2021 00:08

Tgt Ion:	56	Resp:	1715
Ion	Ratio	Lower	Upper
56	100		
69	152.7	25.3	37.9#
84	96.8	71.4	107.0





#33

1,2-Dichloroethane-d4

Concen: 50.27 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022135.D

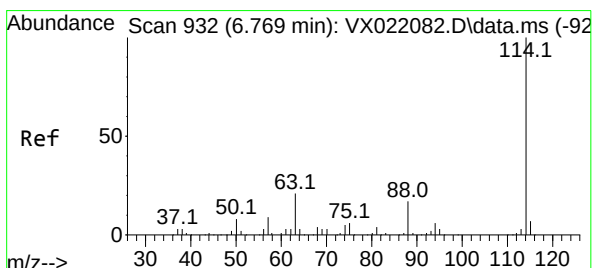
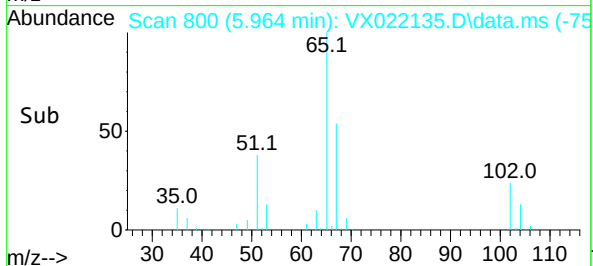
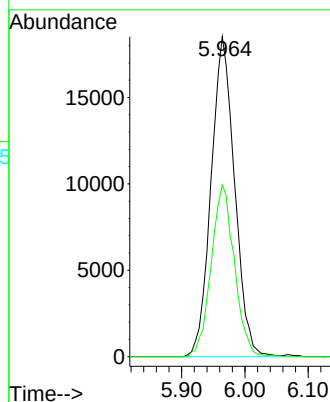
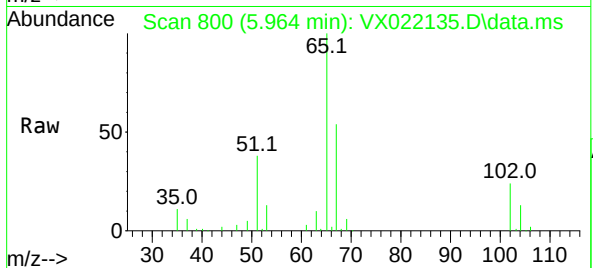
Acq: 22 May 2021 00:08

Tgt Ion: 65 Resp: 47737

Ion Ratio Lower Upper

65 100

67 53.0 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: VX022135.D

Acq: 22 May 2021 00:08

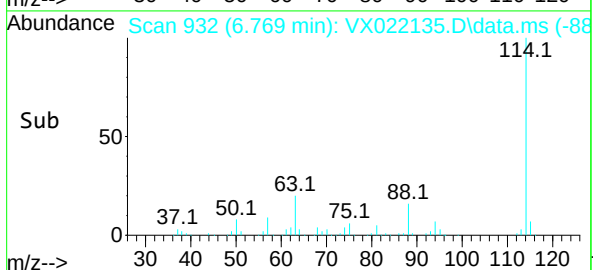
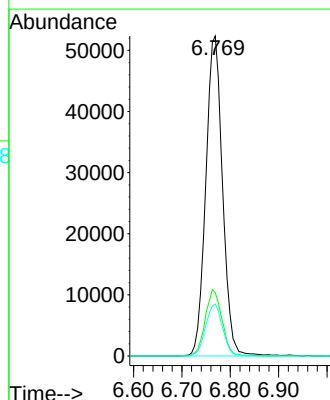
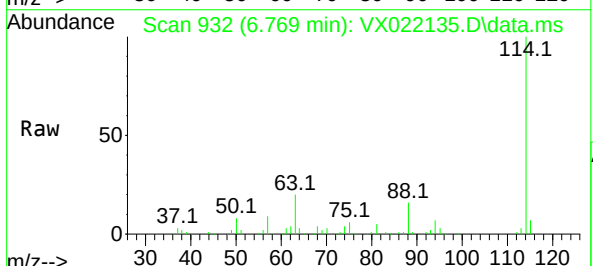
Tgt Ion: 114 Resp: 125940

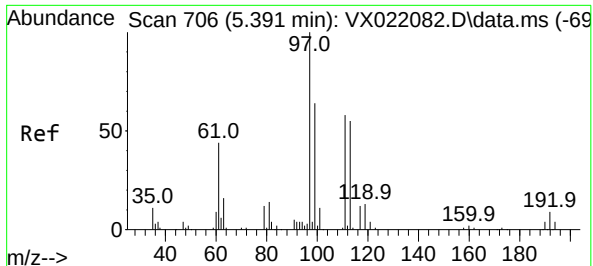
Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.8

88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.11 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022135.D

Acq: 22 May 2021 00:08

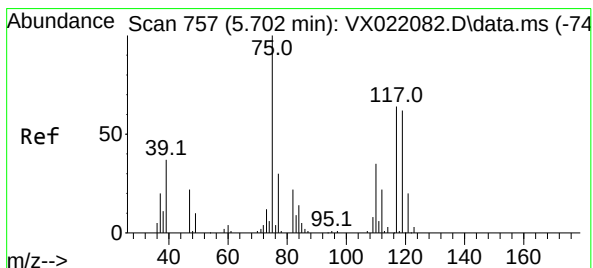
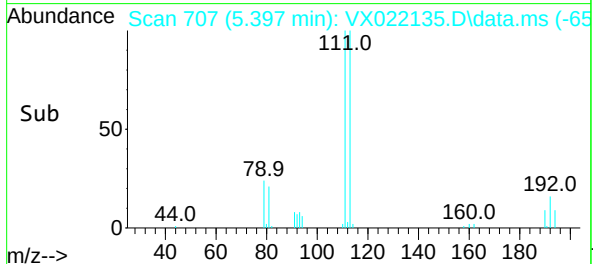
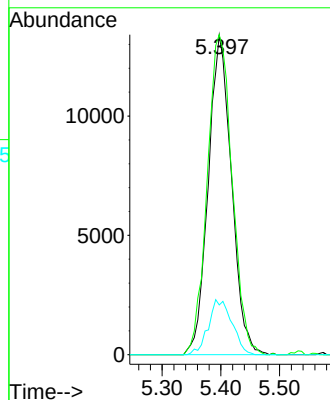
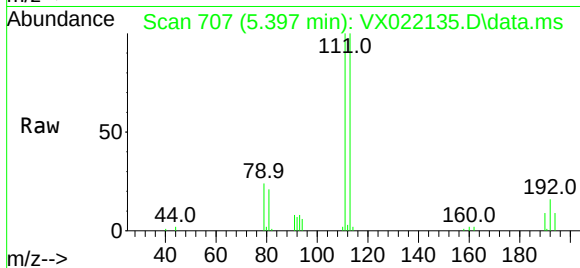
Tgt Ion:113 Resp: 36829

Ion Ratio Lower Upper

113 100

111 107.4 81.9 122.9

192 17.5 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.98 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.158 min

Lab File: VX022135.D

Acq: 22 May 2021 00:08

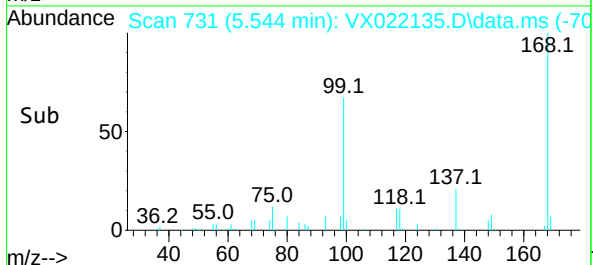
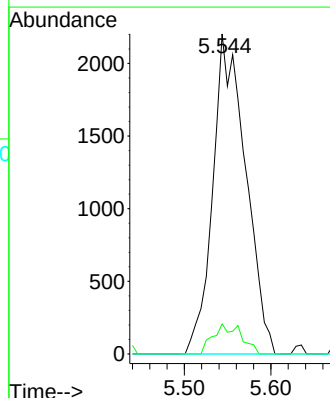
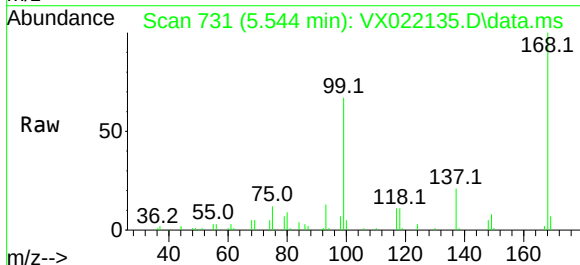
Tgt Ion: 75 Resp: 5795

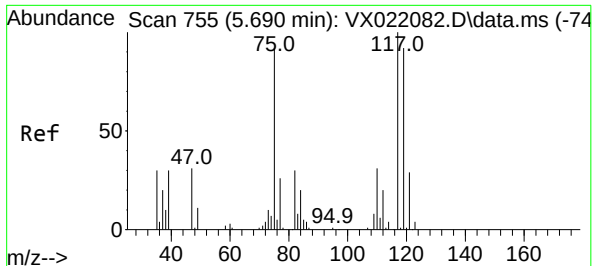
Ion Ratio Lower Upper

75 100

110 8.0 18.1 54.4#

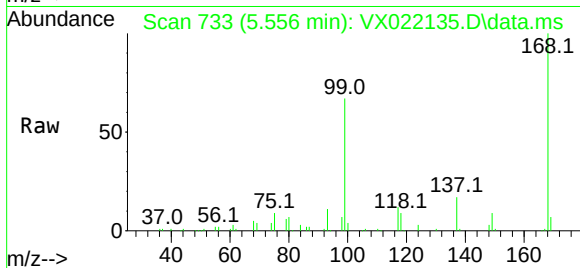
77 0.0 25.3 37.9#



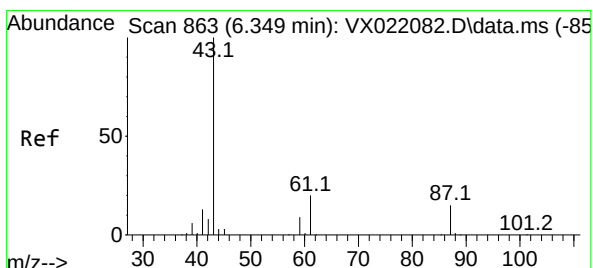
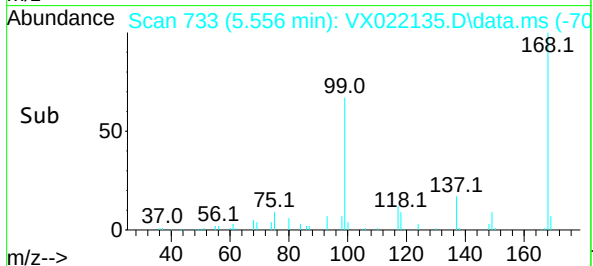
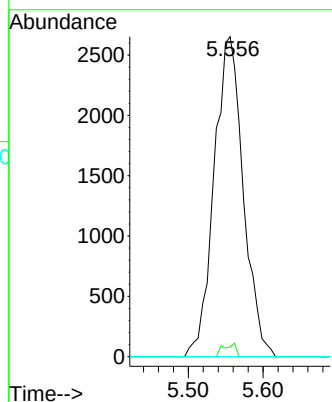


#38
Carbon Tetrachloride
Concen: 6.32 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022135.D
Acq: 22 May 2021 00:08

Instrument :
MSVOA_X
ClientSampleId :
CONCESSION-CP-2

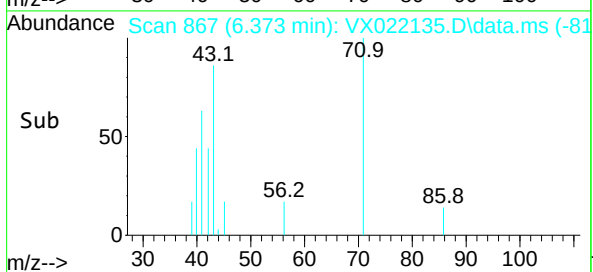
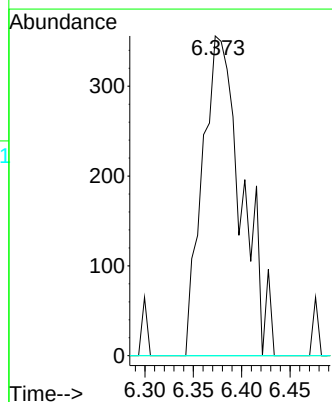
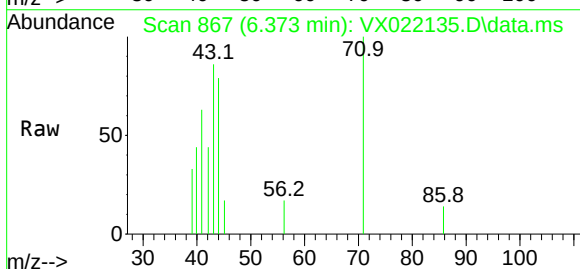


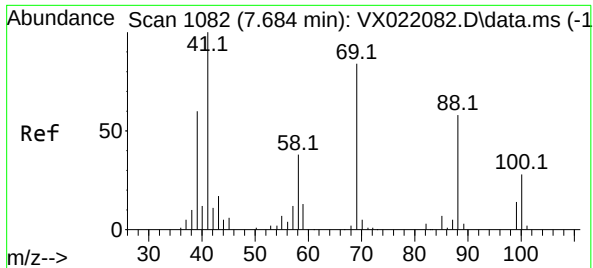
Tgt Ion: 117 Resp: 7202
Ion Ratio Lower Upper
117 100
119 3.1 76.2 114.2#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 0.43 ug/l
RT: 6.373 min Scan# 867
Delta R.T. 0.024 min
Lab File: VX022135.D
Acq: 22 May 2021 00:08

Tgt Ion: 43 Resp: 1009
Ion Ratio Lower Upper
43 100
61 0.0 18.2 27.4#
87 0.0 12.5 18.7#

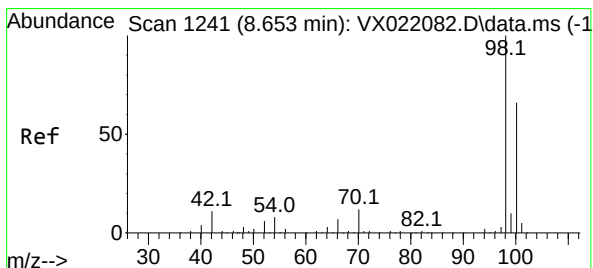
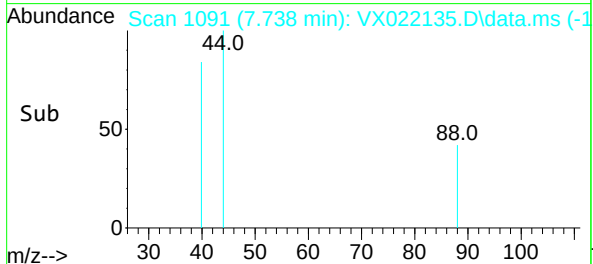
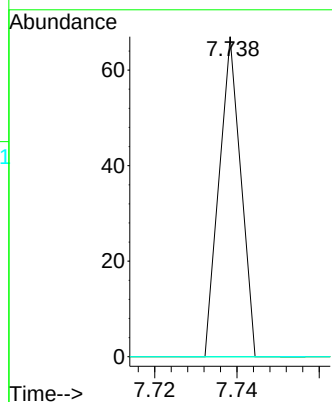
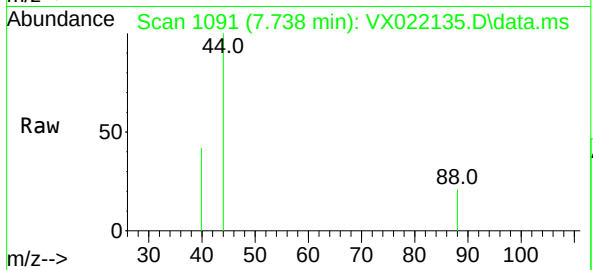




#49
1,4-Dioxane
Concen: 1.19 ug/l
RT: 7.738 min Scan# 1091
Delta R.T. 0.054 min
Lab File: VX022135.D
Acq: 22 May 2021 00:08

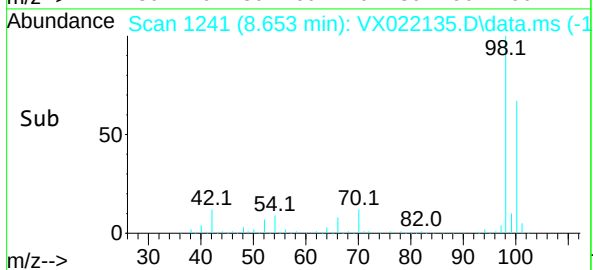
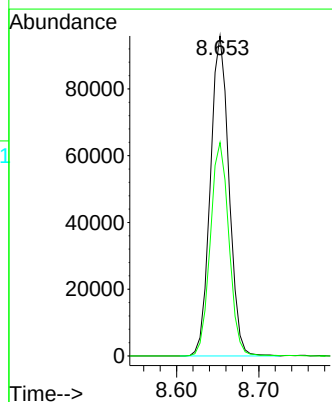
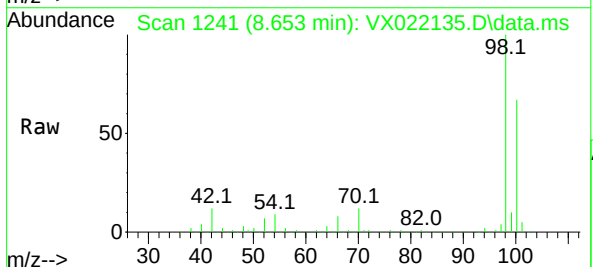
Instrument :
MSVOA_X
ClientSampleId :
CONCESSION-CP-2

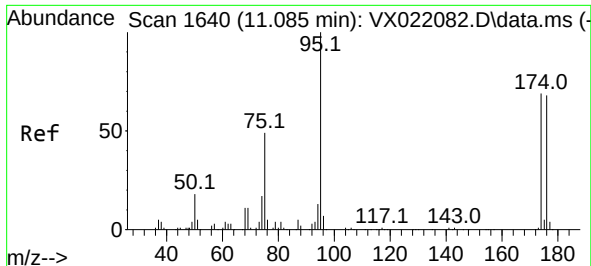
Tgt Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 0.0 55.0 82.4#



#50
Toluene-d8
Concen: 49.10 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022135.D
Acq: 22 May 2021 00:08

Tgt Ion: 98 Resp: 151066
Ion Ratio Lower Upper
98 100
100 66.7 51.9 77.9

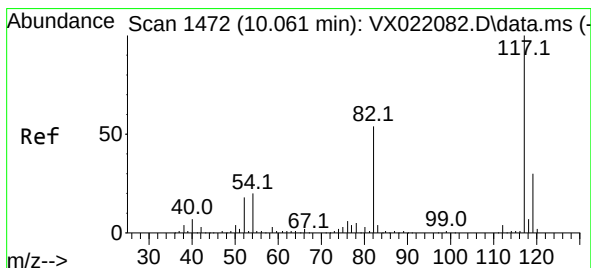
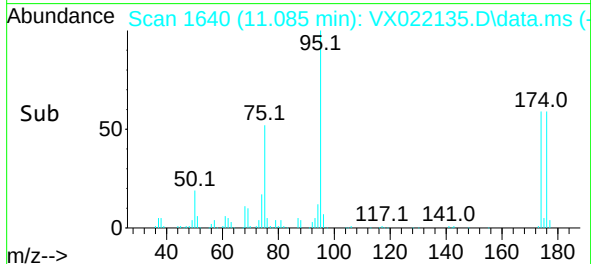
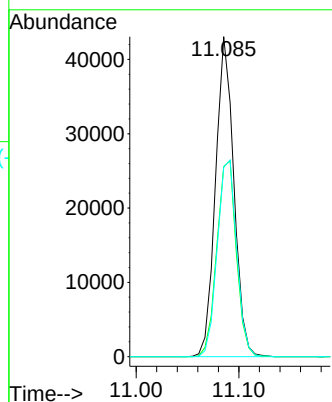
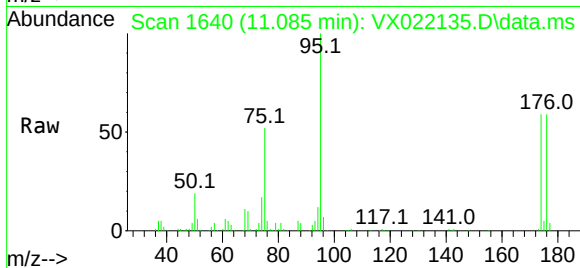




#62
4-Bromofluorobenzene
Concen: 46.73 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022135.D
Acq: 22 May 2021 00:08

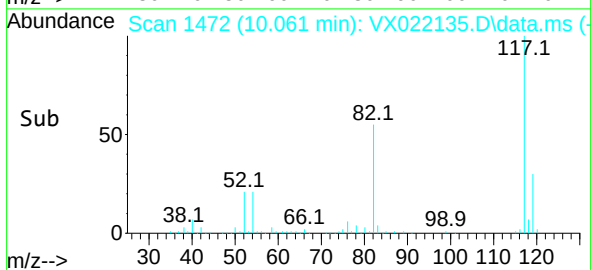
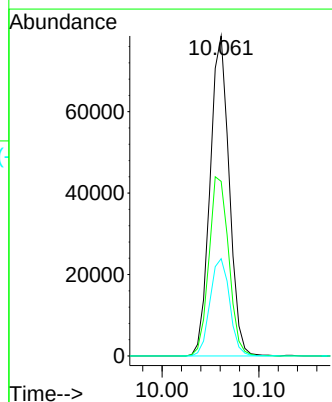
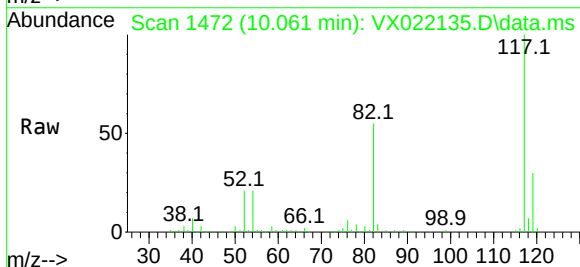
Instrument :
MSVOA_X
ClientSampleId :
CONCESSION-CP-2

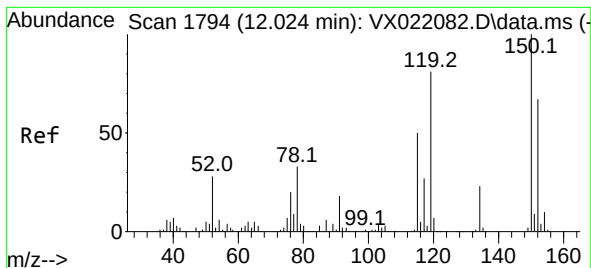
Tgt Ion: 95 Resp: 53143
Ion Ratio Lower Upper
95 100
174 65.2 0.0 154.6
176 65.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022135.D
Acq: 22 May 2021 00:08

Tgt Ion: 117 Resp: 108258
Ion Ratio Lower Upper
117 100
82 54.6 47.4 71.2
119 30.4 26.6 39.8

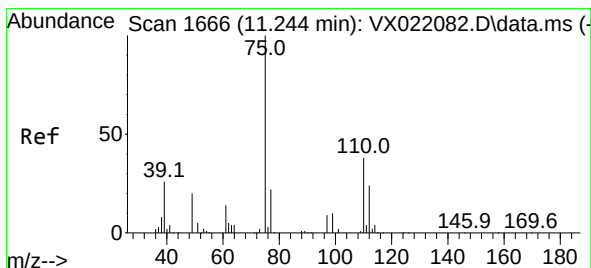
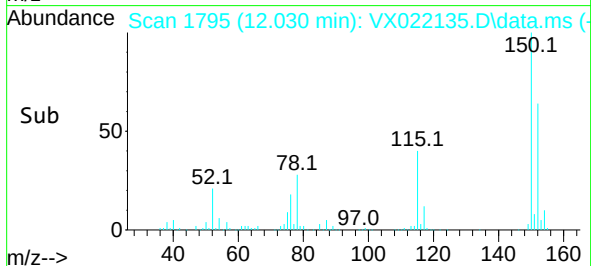
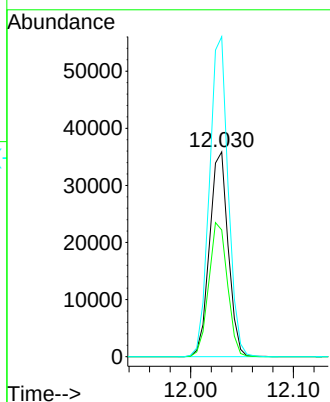
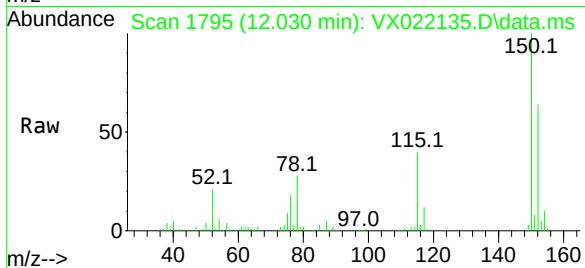




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.030 min Scan# 1795
 Delta R.T. 0.006 min
 Lab File: VX022135.D
 Acq: 22 May 2021 00:08

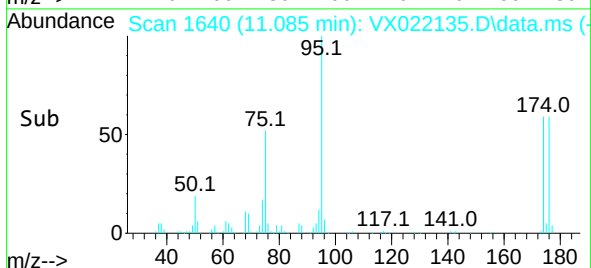
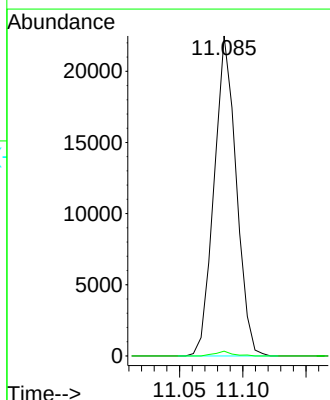
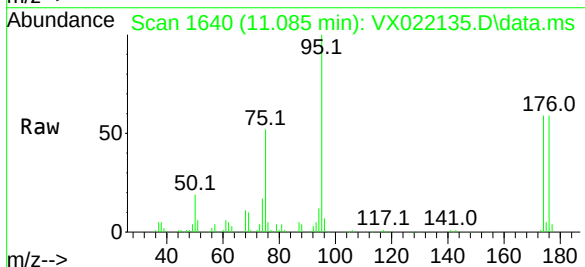
Instrument :
 MSVOA_X
 ClientSampleId :
 CONCESSION-CP-2

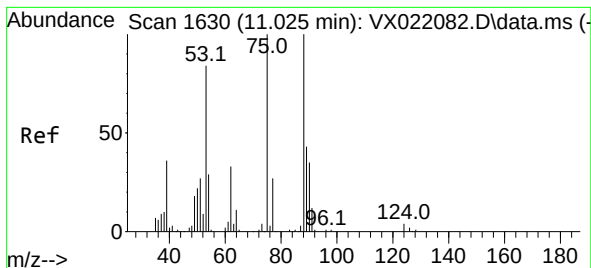
Tgt Ion:152 Resp: 45301
 Ion Ratio Lower Upper
 152 100
 115 65.6 41.1 123.3
 150 156.6 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 24.45 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022135.D
 Acq: 22 May 2021 00:08

Tgt Ion: 75 Resp: 27326
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

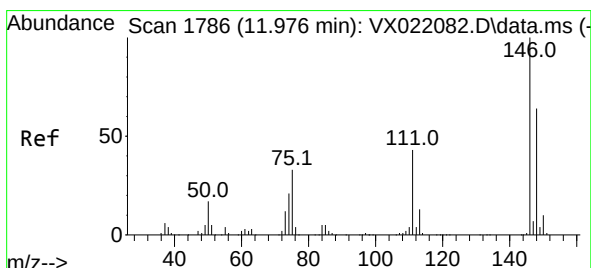
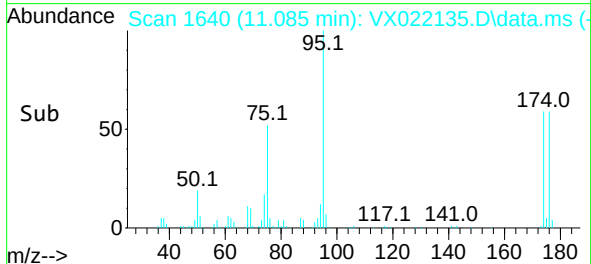
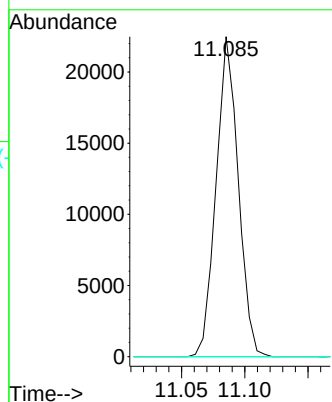
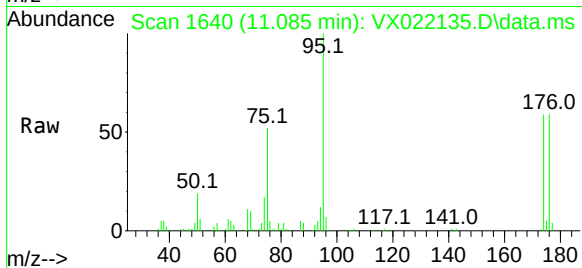




#81
trans-1,4-Dichloro-2-butene
Concen: 57.93 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022135.D
Acq: 22 May 2021 00:08

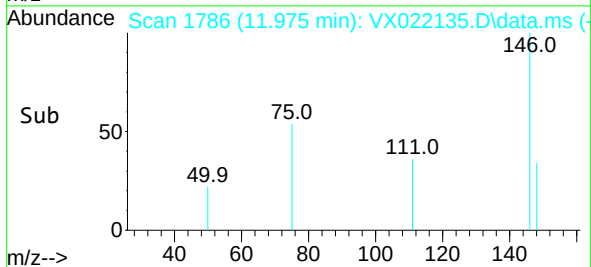
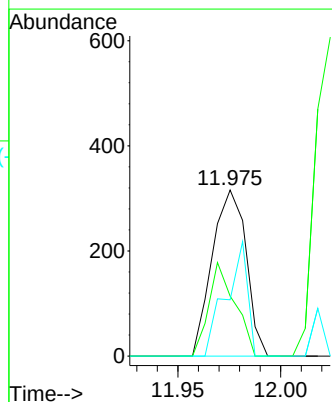
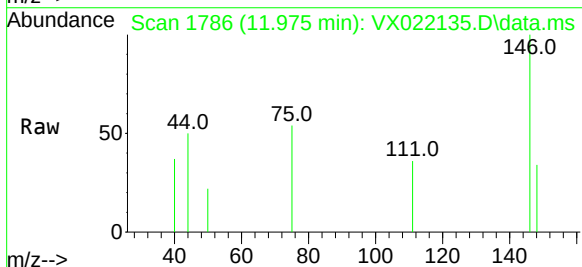
Instrument :
MSVOA_X
ClientSampleId :
CONCESSION-CP-2

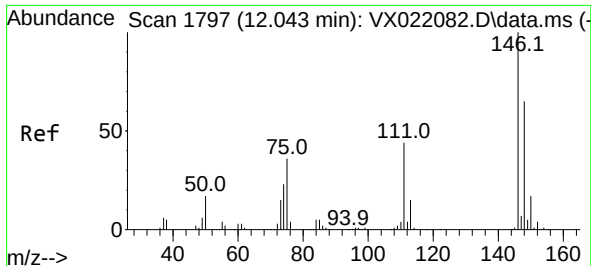
Tgt Ion: 75 Resp: 27326
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#87
1,3-Dichlorobenzene
Concen: 0.23 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. -0.001 min
Lab File: VX022135.D
Acq: 22 May 2021 00:08

Tgt Ion:146 Resp: 362
Ion Ratio Lower Upper
146 100
111 43.6 20.2 60.5
148 43.9 31.9 95.7

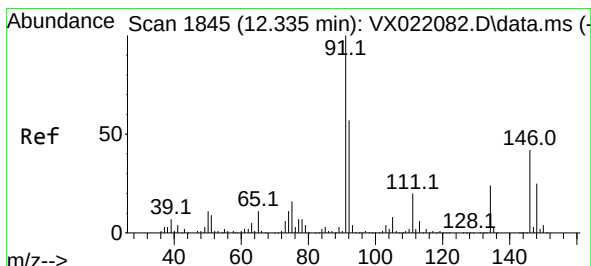
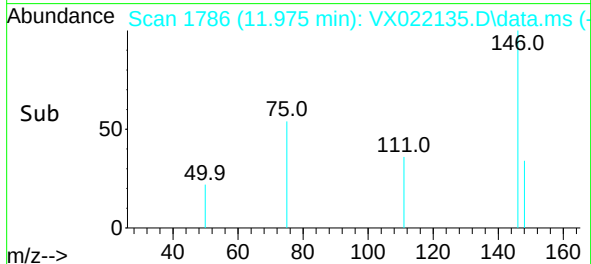
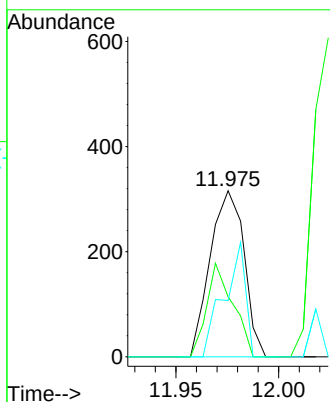
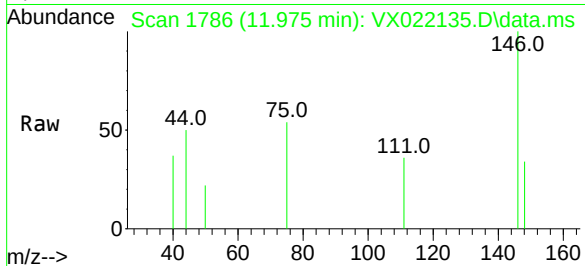




#88
1,4-Dichlorobenzene
Concen: 0.22 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. -0.068 min
Lab File: VX022135.D
Acq: 22 May 2021 00:08

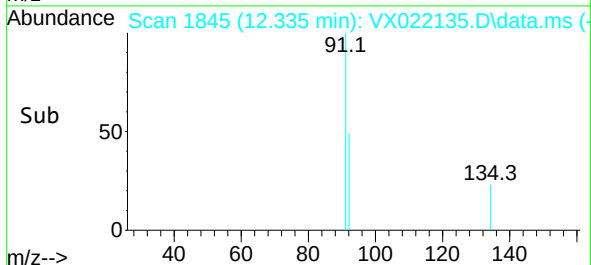
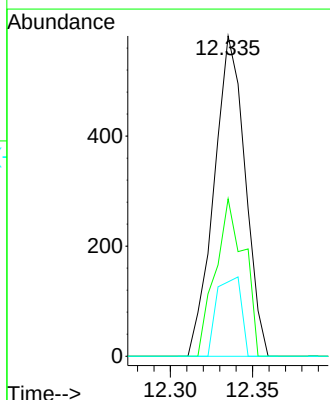
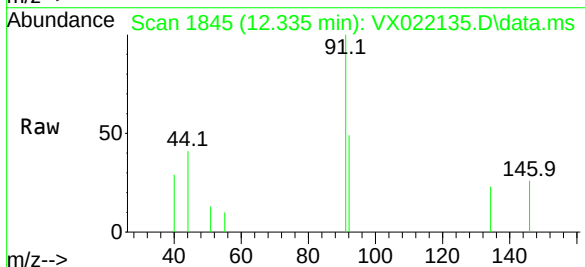
Instrument :
MSVOA_X
ClientSampleId :
CONCESSION-CP-2

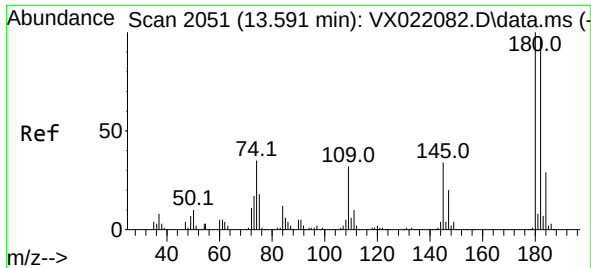
Tgt Ion:146 Resp: 362
Ion Ratio Lower Upper
146 100
111 43.6 19.6 58.8
148 43.9 31.6 95.0



#89
n-Butylbenzene
Concen: 0.25 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX022135.D
Acq: 22 May 2021 00:08

Tgt Ion: 91 Resp: 765
Ion Ratio Lower Upper
91 100
92 45.4 27.4 82.0
134 19.3 13.2 39.5

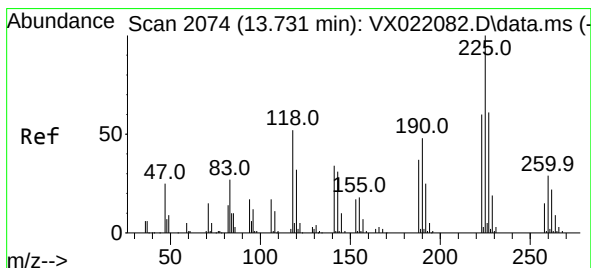
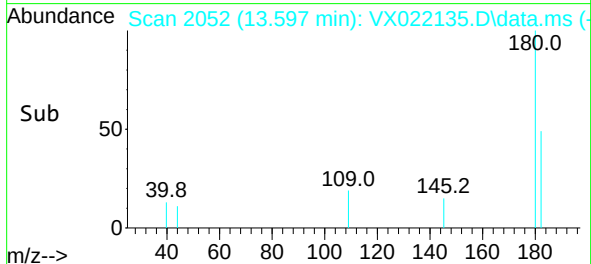
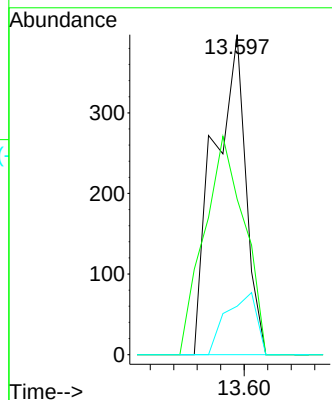
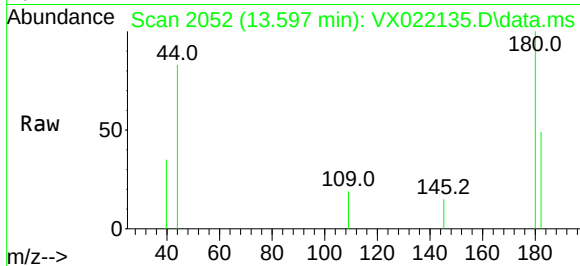




#93
 1,2,4-Trichlorobenzene
 Concen: 0.41 ug/l
 RT: 13.597 min Scan# 2052
 Delta R.T. 0.006 min
 Lab File: VX022135.D
 Acq: 22 May 2021 00:08

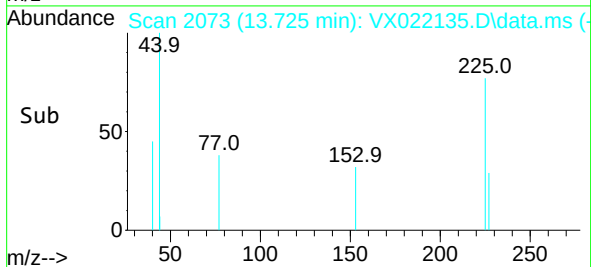
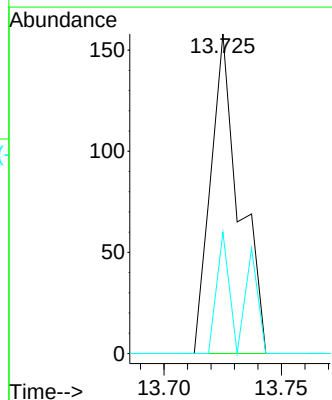
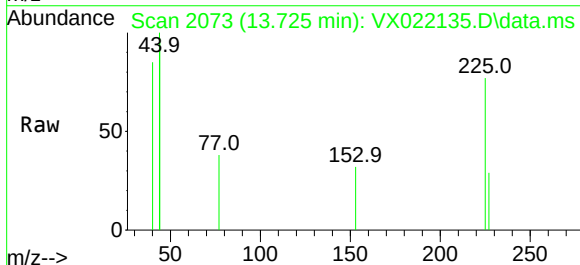
Instrument :
 MSVOA_X
 ClientSampleId :
 CONCESSION-CP-2

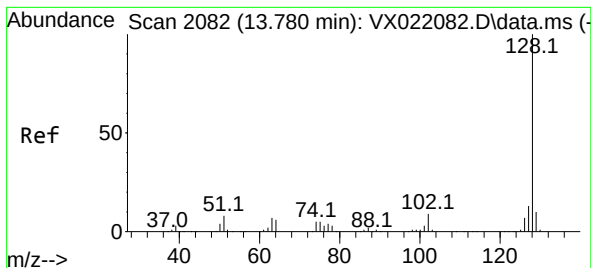
Tgt Ion:180	Resp:	373	
Ion	Ratio	Lower	Upper
180	100		
182	85.8	47.7	143.1
145	18.5	15.0	45.0



#94
 Hexachlorobutadiene
 Concen: 0.38 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. -0.006 min
 Lab File: VX022135.D
 Acq: 22 May 2021 00:08

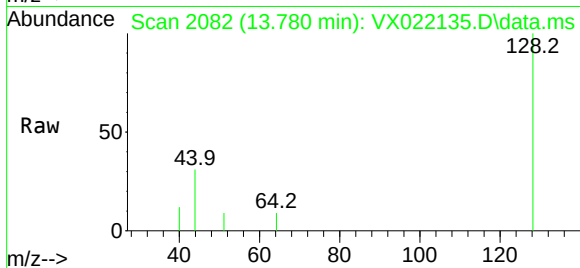
Tgt	Ion:225	Resp:	134
Ion	Ratio	Lower	Upper
225	100		
223	0.0	31.1	93.2#
227	30.6	31.6	95.0#



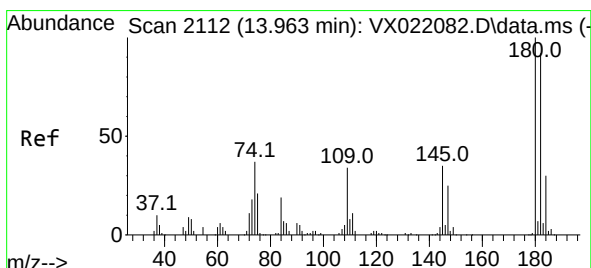
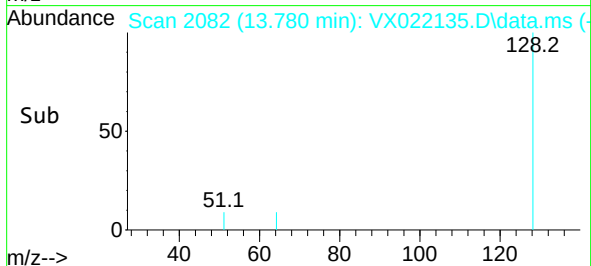
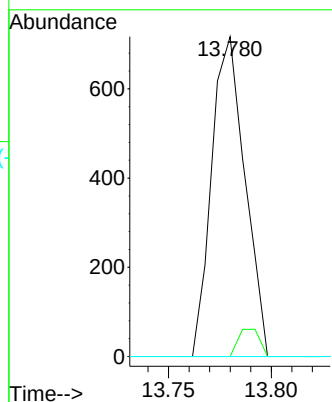


#95
Naphthalene
Concen: 0.23 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022135.D
Acq: 22 May 2021 00:08

Instrument :
MSVOA_X
ClientSampleId :
CONCESSION-CP-2



Tgt Ion:128 Resp: 808
Ion Ratio Lower Upper
128 100
127 5.6 10.3 15.5#
129 0.0 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.28 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX022135.D
Acq: 22 May 2021 00:08

Tgt Ion:180 Resp: 254
Ion Ratio Lower Upper
180 100
182 52.0 47.6 142.9
145 21.7 16.1 48.3

