

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052721\
 Data File : VX022211.D
 Acq On : 26 May 2021 20:37
 Operator : JC/MD
 Sample : M2526-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPRING-20210525

Quant Time: May 27 04:10:05 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)

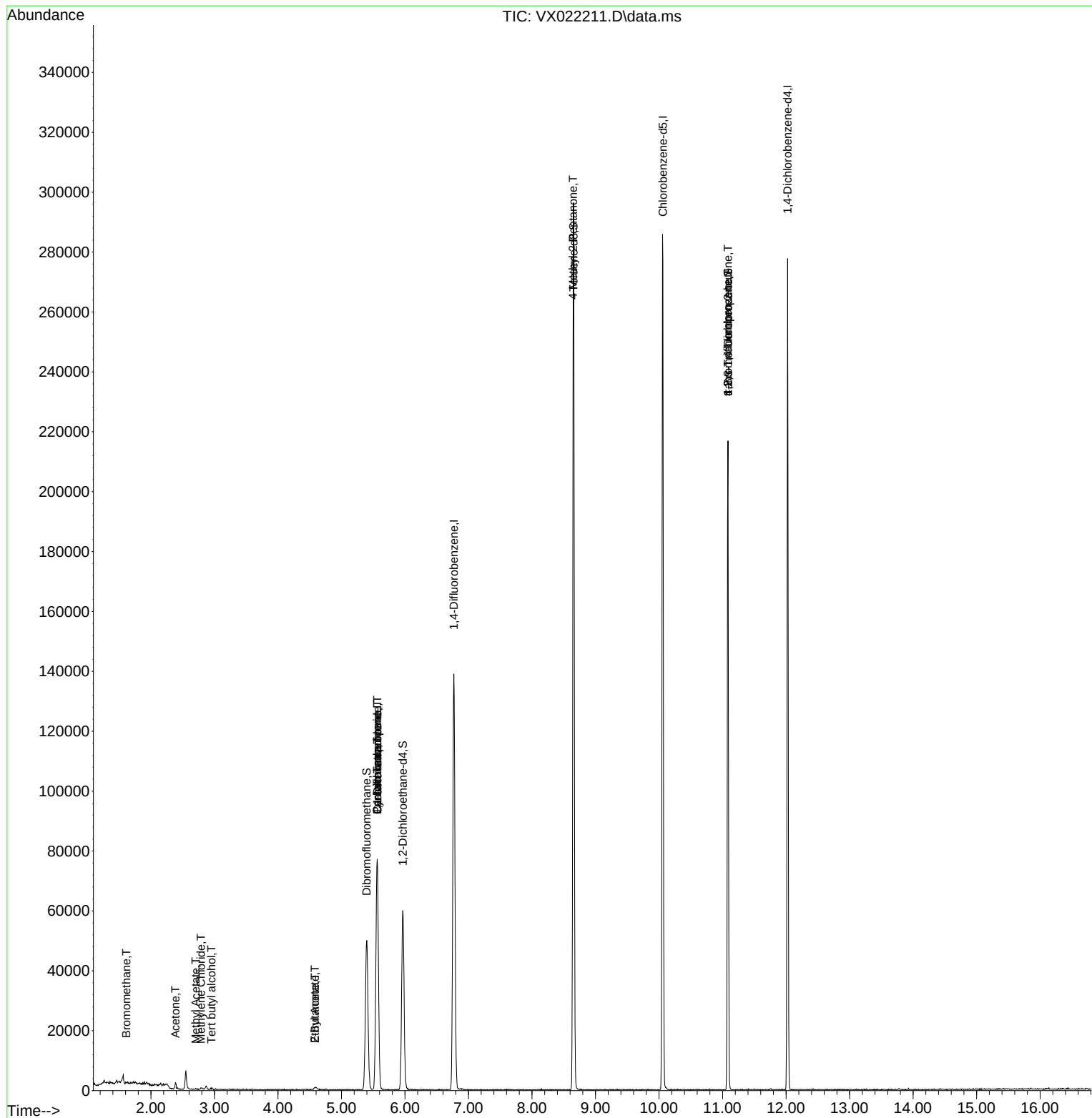
Internal Standards						
1) Pentafluorobenzene	5.562	168	67381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	140893	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	125382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48394	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	55933	53.81	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.62%
35) Dibromofluoromethane	5.397	113	43008	48.14	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.28%
50) Toluene-d8	8.653	98	171728	49.90	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.80%
62) 4-Bromofluorobenzene	11.085	95	59790	47.00	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.00%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	126	0.23	ug/l #	80
11) Tert butyl alcohol	2.953	59	421	1.77	ug/l #	73
16) Acetone	2.386	43	1894	4.18	ug/l	96
18) Methyl Acetate	2.703	43	349	0.29	ug/l #	47
20) Methylene Chloride	2.788	84	274	0.27	ug/l #	69
25) 2-Butanone	4.580	43	549	0.75	ug/l #	45
31) Cyclohexane	5.562	56	1618	1.24	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	6355	4.88	ug/l #	45
37) Ethyl Acetate	4.580	43	549	0.34	ug/l #	64
38) Carbon Tetrachloride	5.562	117	8126	6.38	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	908	0.58	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	30328	25.40	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	30328	60.19	ug/l #	12

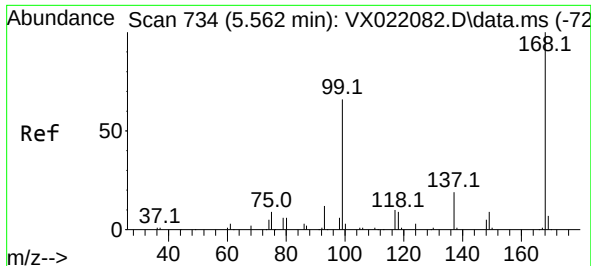
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052721\
Data File : VX022211.D
Acq On : 26 May 2021 20:37
Operator : JC/MD
Sample : M2526-20
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPRING-20210525

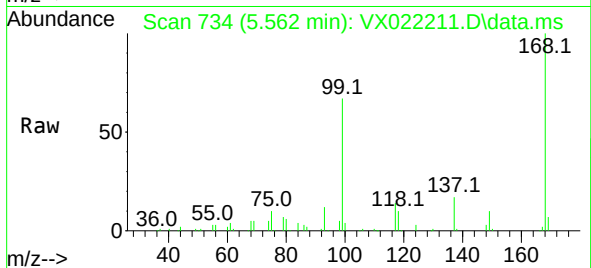
Quant Time: May 27 04:10:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration



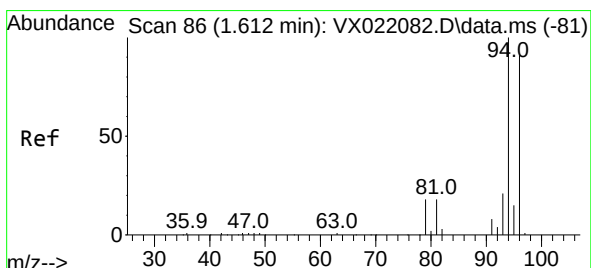
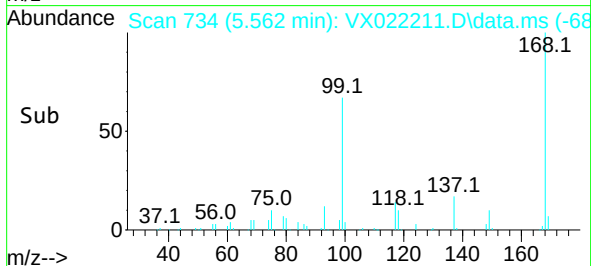
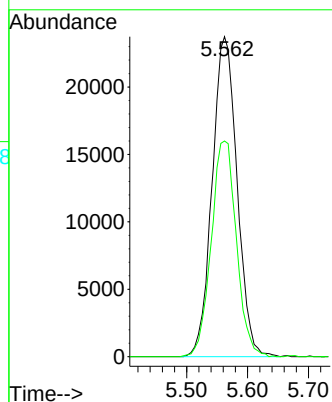


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022211.D
Acq: 26 May 2021 20:37

Instrument :
MSVOA_X
ClientSampleId :
SPRING-20210525

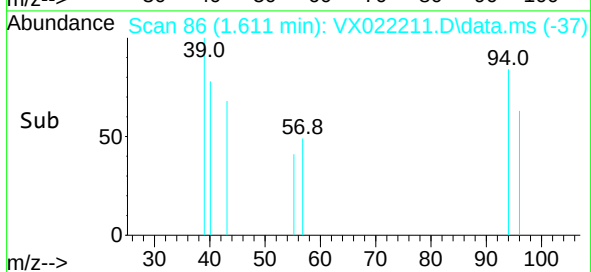
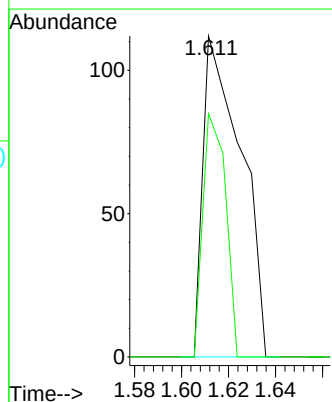
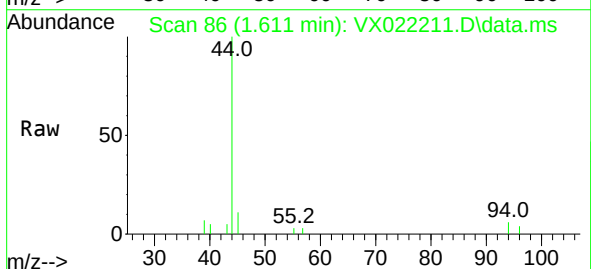


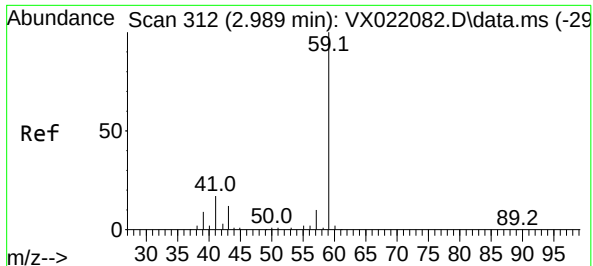
Tgt Ion:168 Resp: 67381
Ion Ratio Lower Upper
168 100
99 67.4 45.8 68.6



#5
Bromomethane
Concen: 0.23 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.001 min
Lab File: VX022211.D
Acq: 26 May 2021 20:37

Tgt Ion: 94 Resp: 126
Ion Ratio Lower Upper
94 100
96 75.9 76.4 114.6#



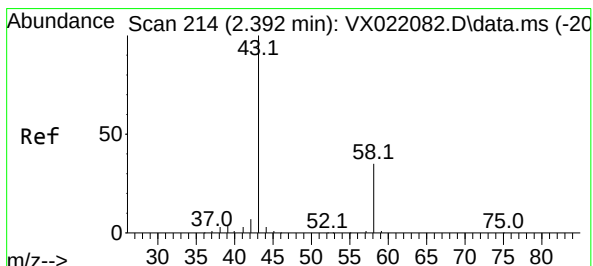
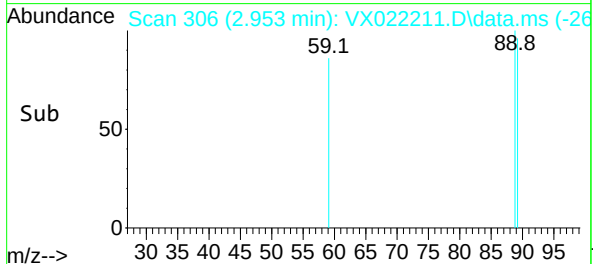
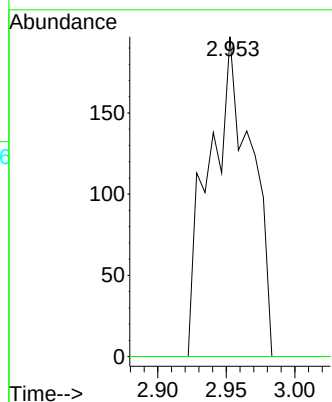
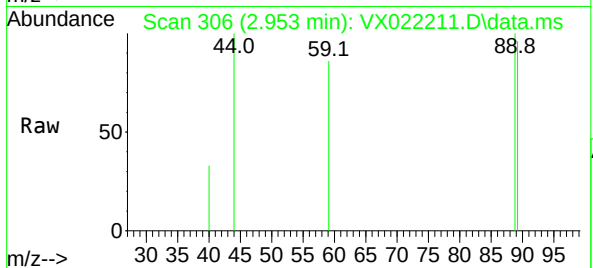


#11

Tert butyl alcohol
Concen: 1.77 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022211.D
Acq: 26 May 2021 20:37

Instrument :
MSVOA_X
ClientSampleId :
SPRING-20210525

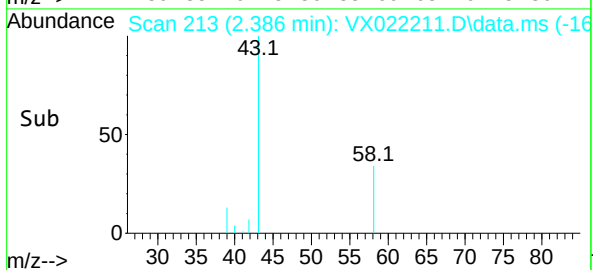
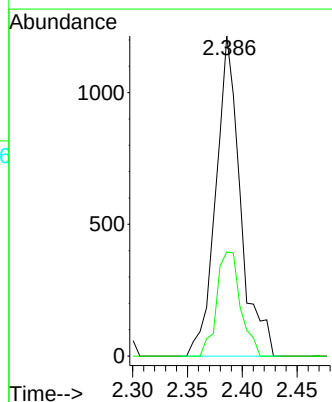
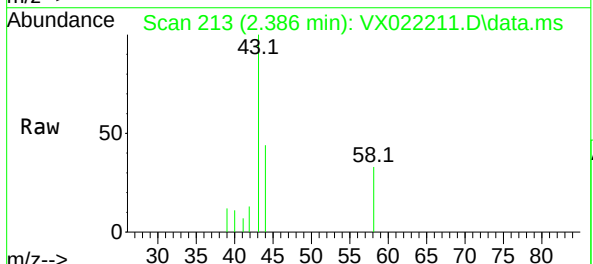
Tgt Ion: 59 Resp: 421
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

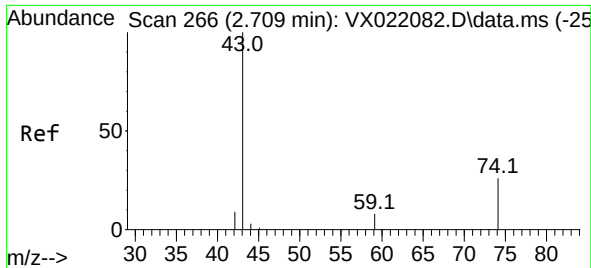


#16

Acetone
Concen: 4.18 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022211.D
Acq: 26 May 2021 20:37

Tgt Ion: 43 Resp: 1894
Ion Ratio Lower Upper
43 100
58 32.5 27.8 41.8

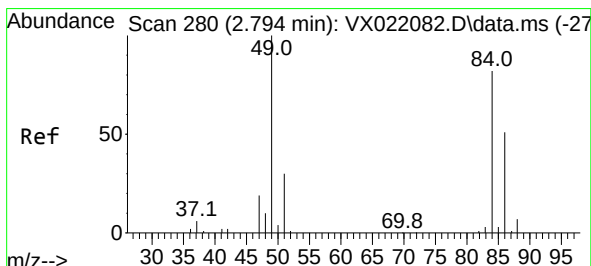
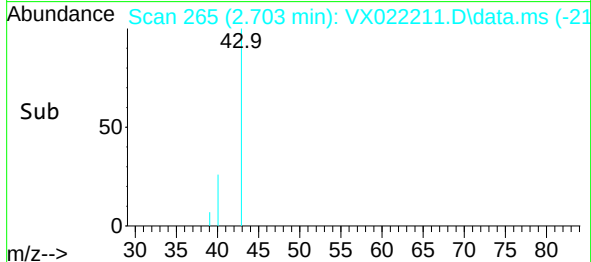
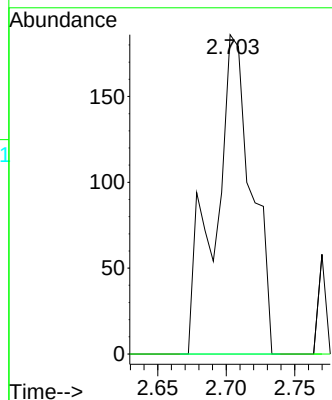
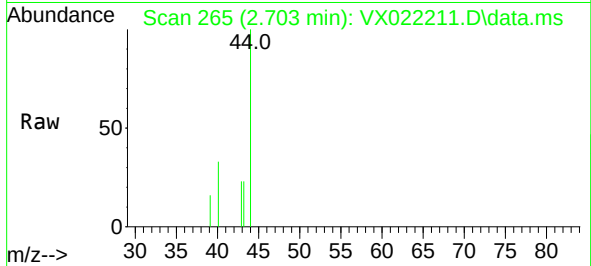




#18
Methyl Acetate
Concen: 0.29 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX022211.D
Acq: 26 May 2021 20:37

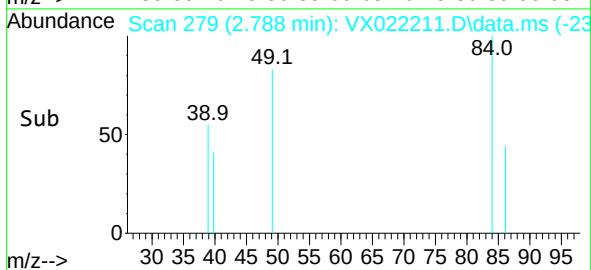
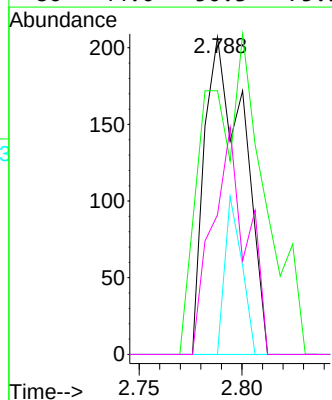
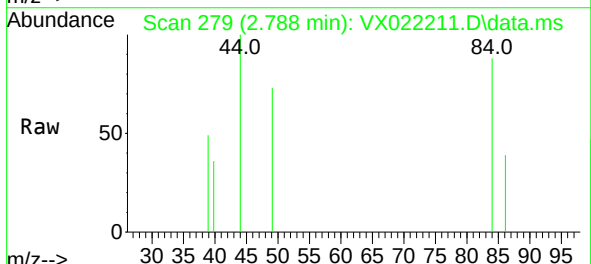
Instrument :
MSVOA_X
ClientSampleId :
SPRING-20210525

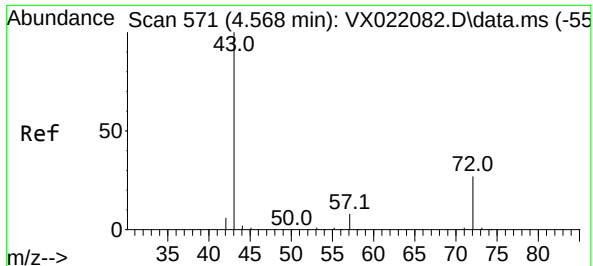
Tgt Ion: 43 Resp: 349
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.27 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX022211.D
Acq: 26 May 2021 20:37

Tgt Ion: 84 Resp: 274
Ion Ratio Lower Upper
84 100
49 83.1 88.6 132.8#
51 0.0 27.0 40.6#
86 44.0 50.3 75.5#

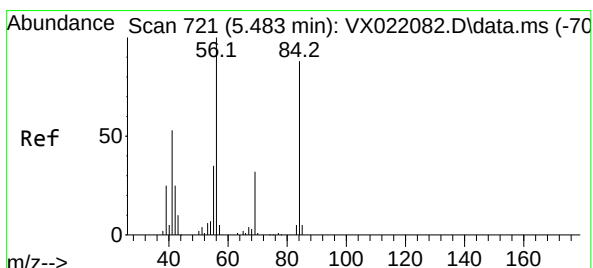
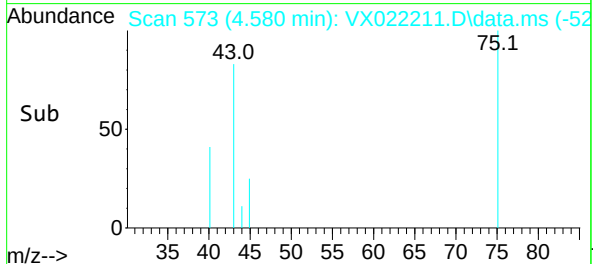
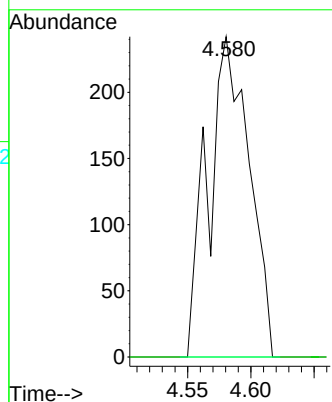
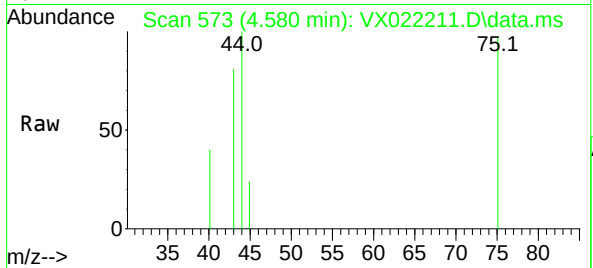




#25
2-Butanone
Concen: 0.75 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX022211.D
Acq: 26 May 2021 20:37

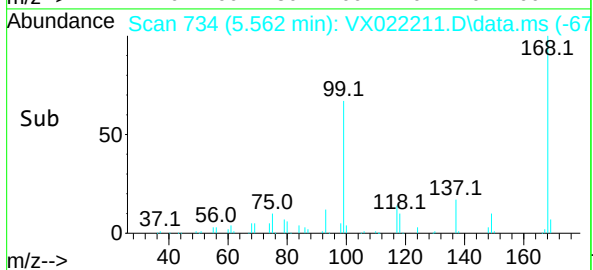
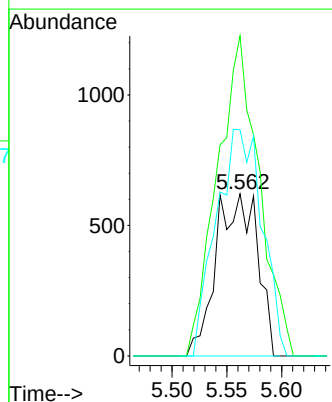
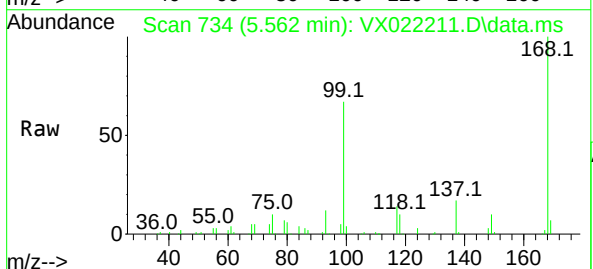
Instrument :
MSVOA_X
ClientSampleId :
SPRING-20210525

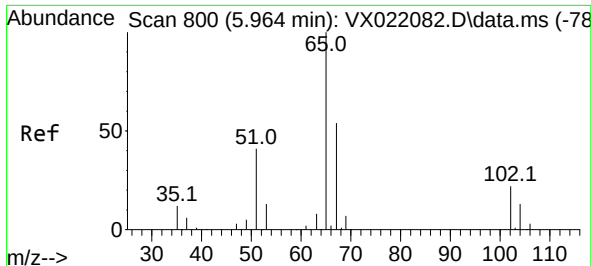
Tgt Ion: 43 Resp: 549
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.24 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022211.D
Acq: 26 May 2021 20:37

Tgt Ion: 56 Resp: 1618
Ion Ratio Lower Upper
56 100
69 197.4 25.3 37.9#
84 139.6 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 53.81 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022211.D

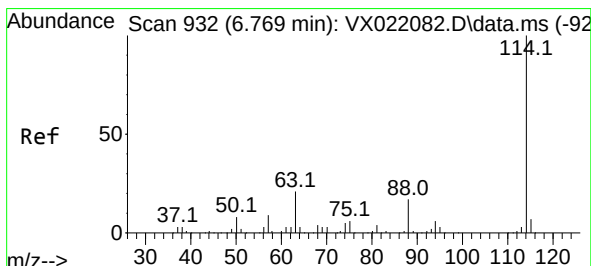
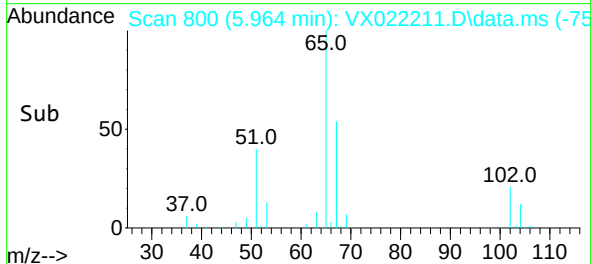
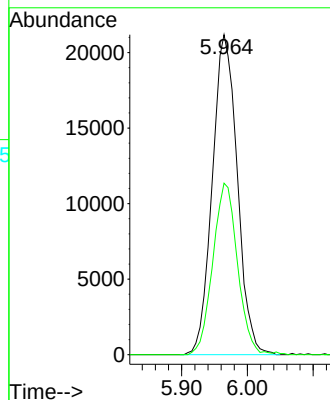
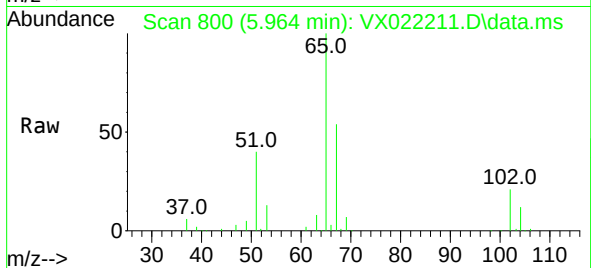
Acq: 26 May 2021 20:37

Tgt Ion: 65 Resp: 55933

Ion Ratio Lower Upper

65 100

67 52.9 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: VX022211.D

Acq: 26 May 2021 20:37

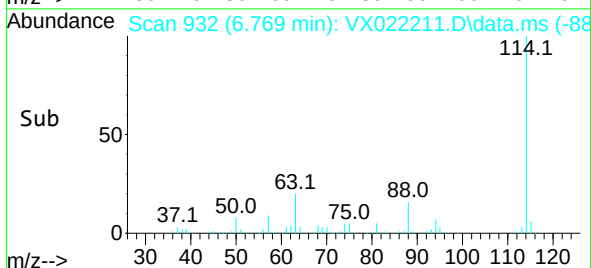
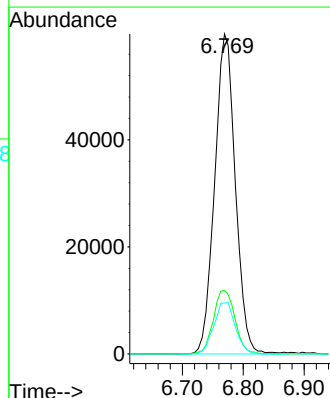
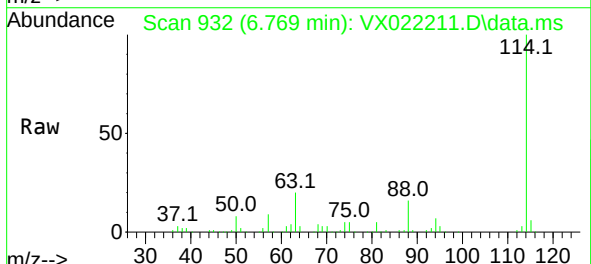
Tgt Ion: 114 Resp: 140893

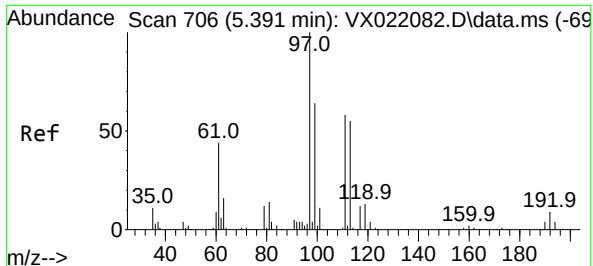
Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.8

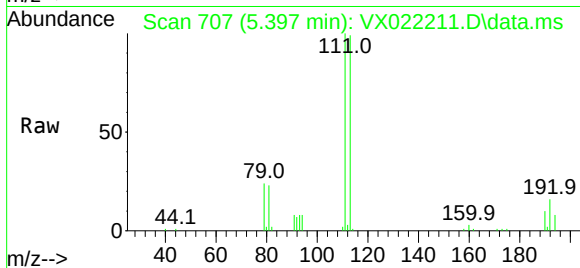
88 15.9 0.0 32.8



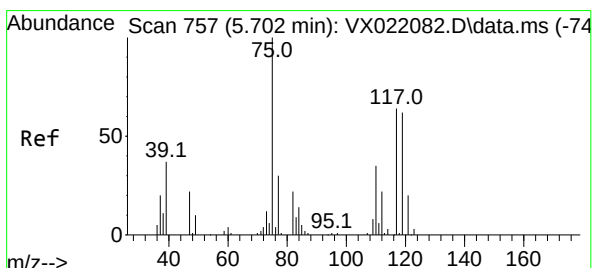
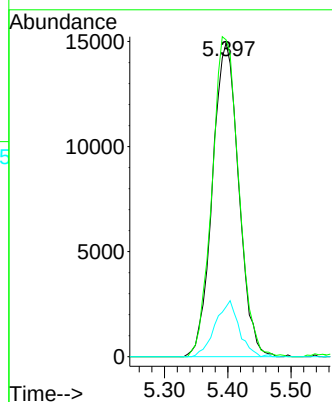
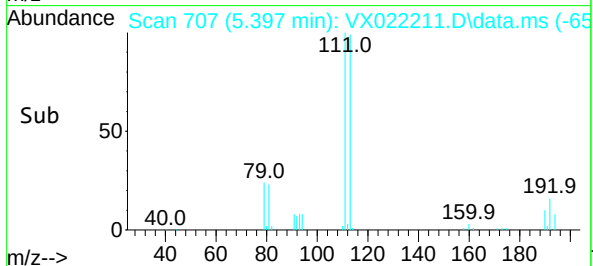


#35
Dibromofluoromethane
Concen: 48.14 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022211.D
Acq: 26 May 2021 20:37

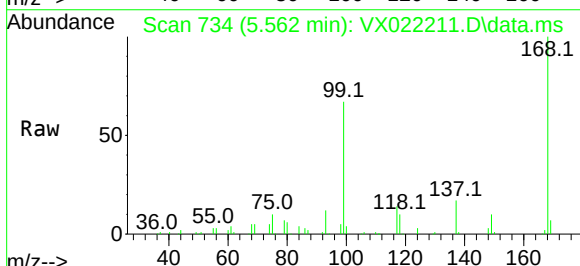
Instrument :
MSVOA_X
ClientSampleId :
SPRING-20210525



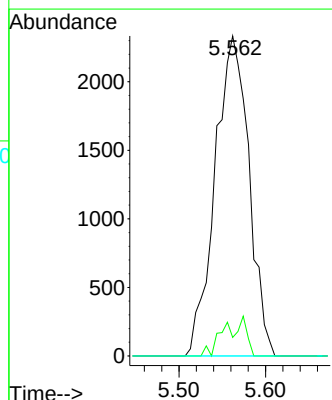
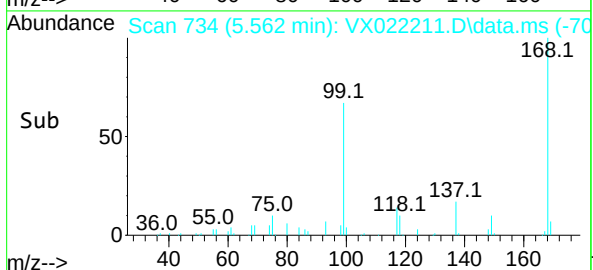
Tgt Ion:113 Resp: 43008
Ion Ratio Lower Upper
113 100
111 103.7 81.9 122.9
192 16.3 16.7 25.1#

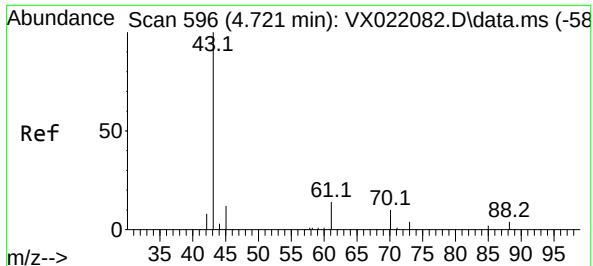


#36
1,1-Dichloropropene
Concen: 4.88 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022211.D
Acq: 26 May 2021 20:37



Tgt Ion: 75 Resp: 6355
Ion Ratio Lower Upper
75 100
110 4.6 18.1 54.4#
77 0.0 25.3 37.9#

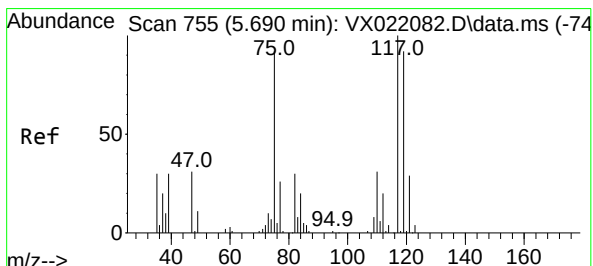
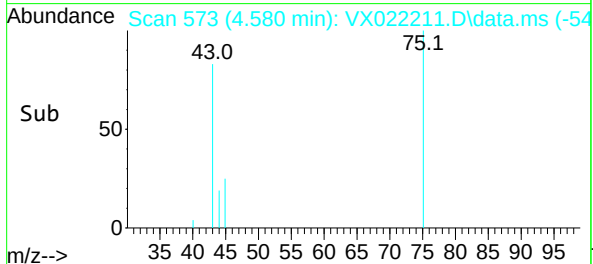
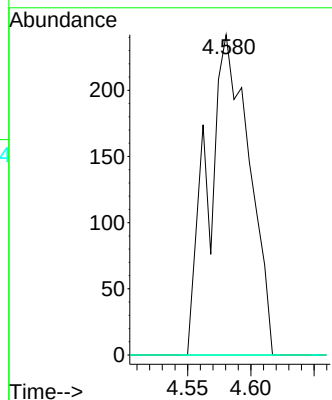
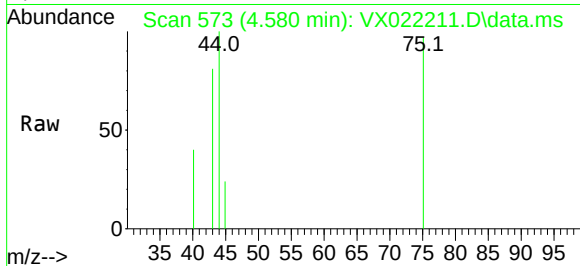




#37
Ethyl Acetate
Concen: 0.34 ug/l
RT: 4.580 min Scan# 573
Delta R.T. -0.141 min
Lab File: VX022211.D
Acq: 26 May 2021 20:37

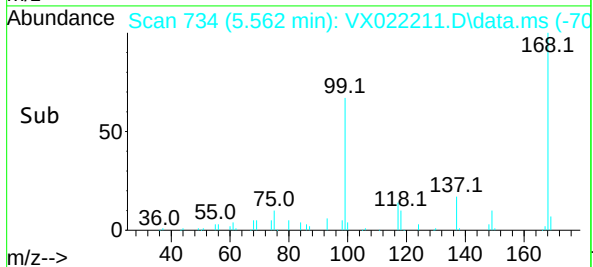
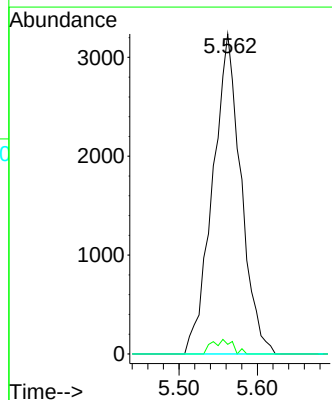
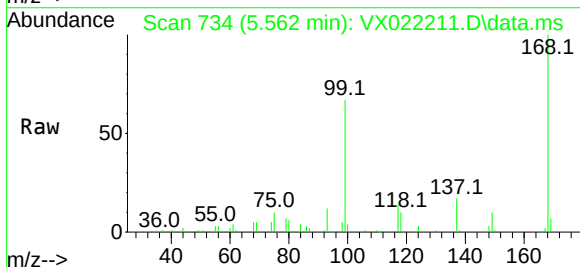
Instrument :
MSVOA_X
ClientSampleId :
SPRING-20210525

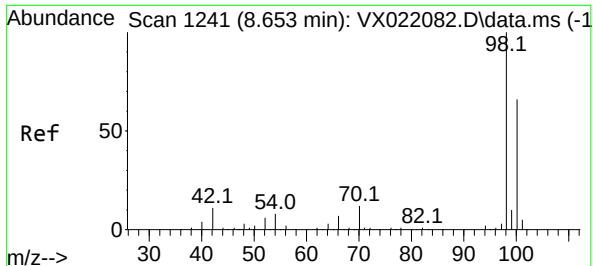
Tgt Ion: 43	Resp: 549
Ion Ratio	Lower Upper
43 100	
61 0.0	12.8 19.2#
70 0.0	10.5 15.7#



#38
Carbon Tetrachloride
Concen: 6.38 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022211.D
Acq: 26 May 2021 20:37

Tgt Ion: 117	Resp: 8126
Ion Ratio	Lower Upper
117 100	
119 3.0	76.2 114.2#
121 0.0	24.8 37.2#

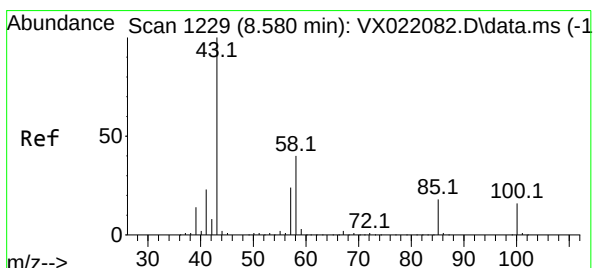
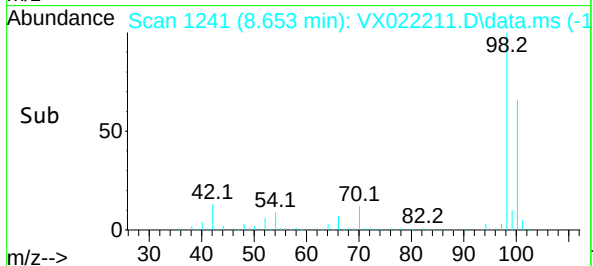
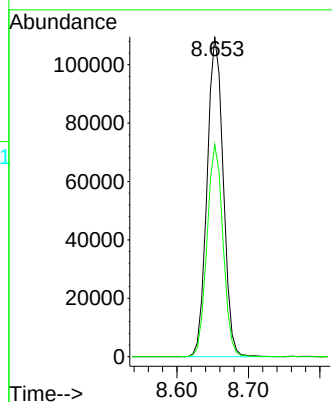
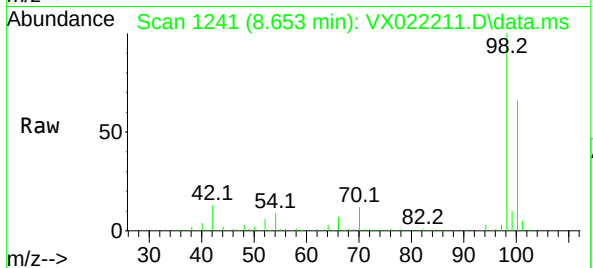




#50
Toluene-d8
Concen: 49.90 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022211.D
Acq: 26 May 2021 20:37

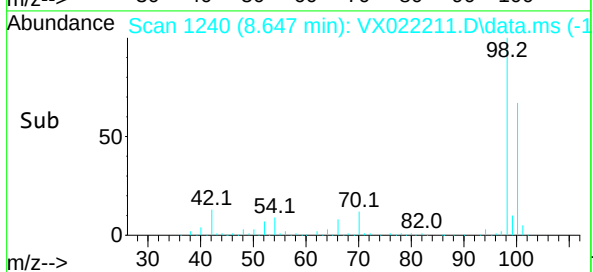
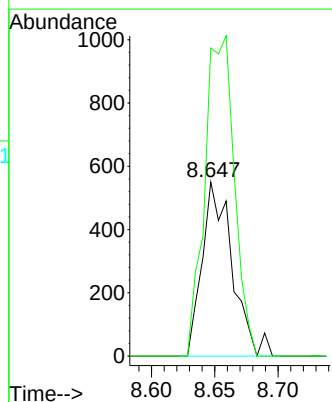
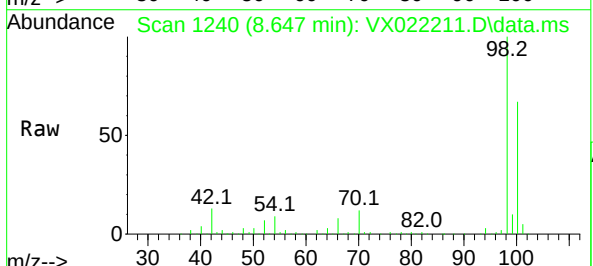
Instrument :
MSVOA_X
ClientSampleId :
SPRING-20210525

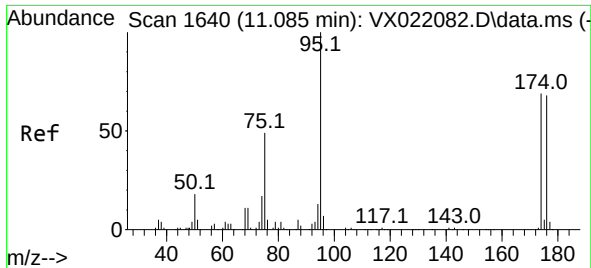
Tgt Ion: 98 Resp: 171728
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.58 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX022211.D
Acq: 26 May 2021 20:37

Tgt Ion: 43 Resp: 908
Ion Ratio Lower Upper
43 100
58 181.6 35.4 53.0#

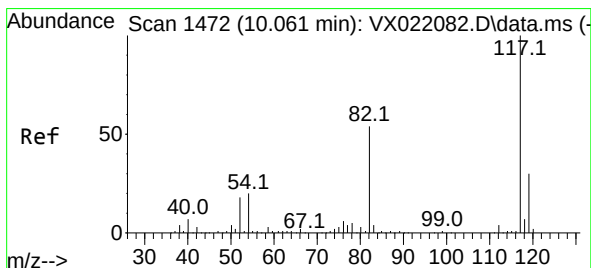
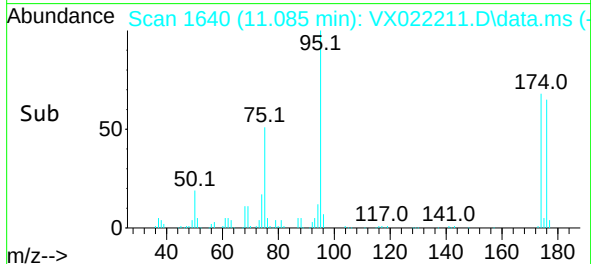
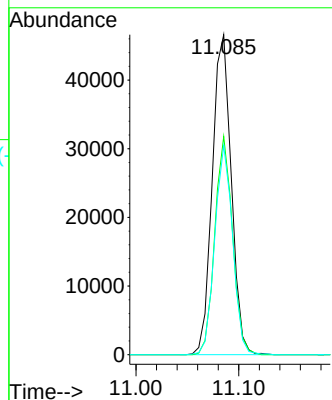
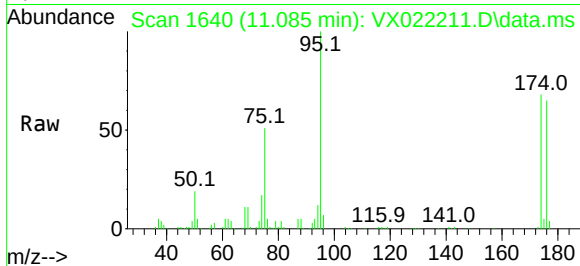




#62
4-Bromofluorobenzene
Concen: 47.00 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022211.D
Acq: 26 May 2021 20:37

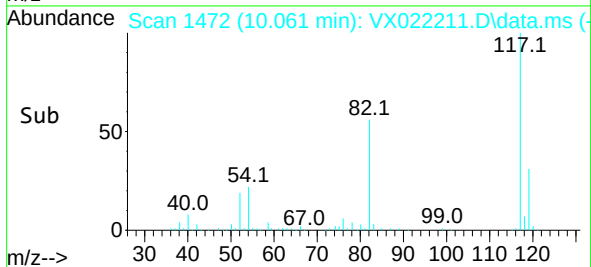
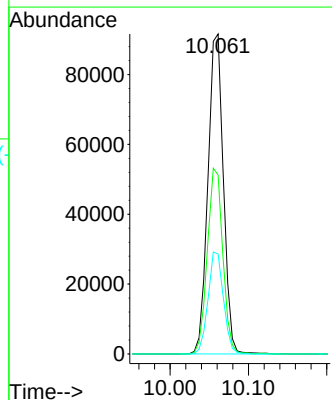
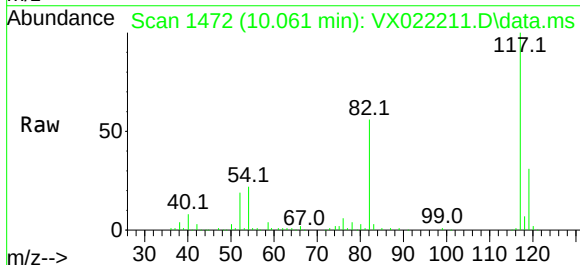
Instrument :
MSVOA_X
ClientSampleId :
SPRING-20210525

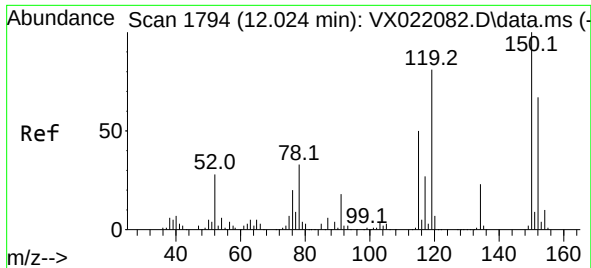
Tgt Ion: 95 Resp: 59790
Ion Ratio Lower Upper
95 100
174 63.7 0.0 154.6
176 61.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022211.D
Acq: 26 May 2021 20:37

Tgt Ion: 117 Resp: 125382
Ion Ratio Lower Upper
117 100
82 55.9 47.4 71.2
119 31.2 26.6 39.8

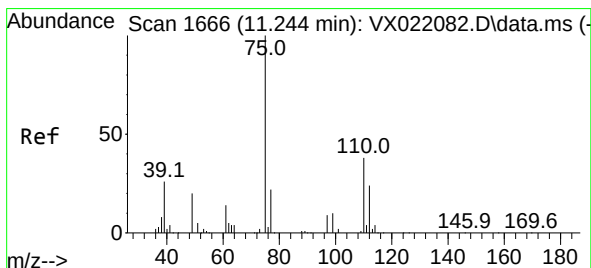
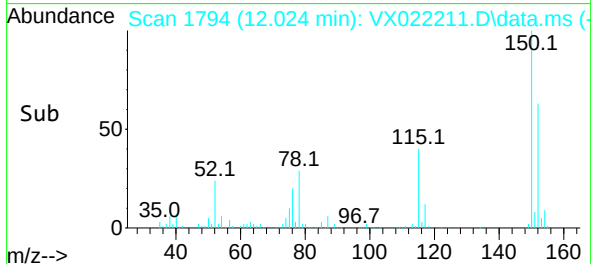
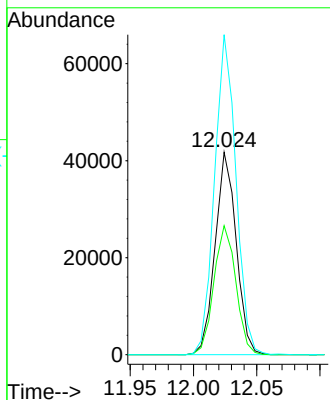
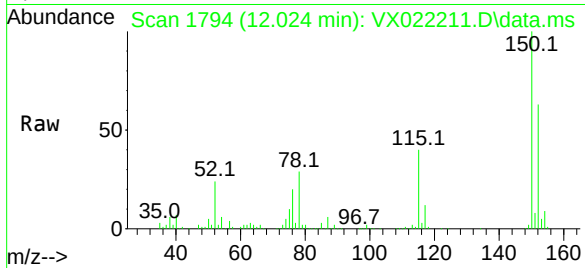




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022211.D
 Acq: 26 May 2021 20:37

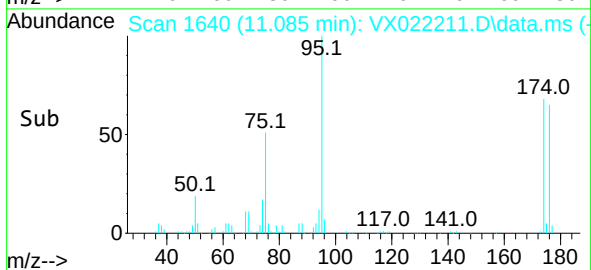
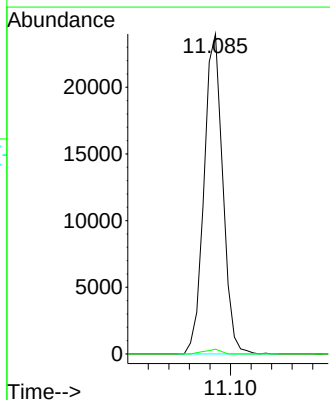
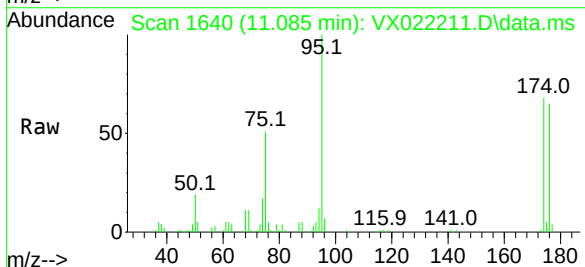
Instrument :
 MSVOA_X
 ClientSampleId :
 SPRING-20210525

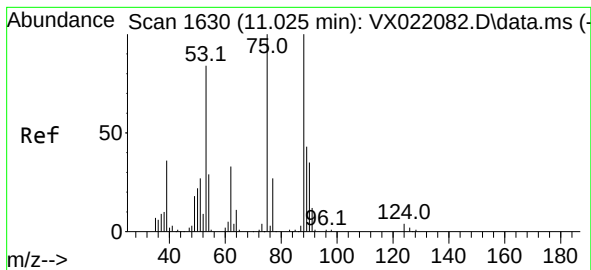
Tgt Ion:152 Resp: 48394
 Ion Ratio Lower Upper
 152 100
 115 66.2 41.1 123.3
 150 160.4 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.40 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022211.D
 Acq: 26 May 2021 20:37

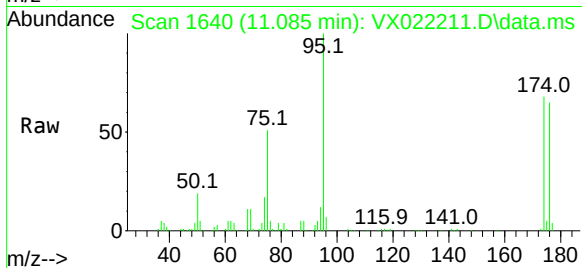
Tgt Ion: 75 Resp: 30328
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.19 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022211.D
 Acq: 26 May 2021 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 SPRING-20210525



Tgt Ion: 75 Resp: 30328
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.2 37.9 56.9#

