

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051821\
 Data File : VX022046.D
 Acq On : 17 May 2021 20:55
 Operator : JC/MD
 Sample : M2411-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW8-GW-768-770

Quant Time: May 18 02:23:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 08 05:38:18 2021
 Response via : Initial Calibration

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

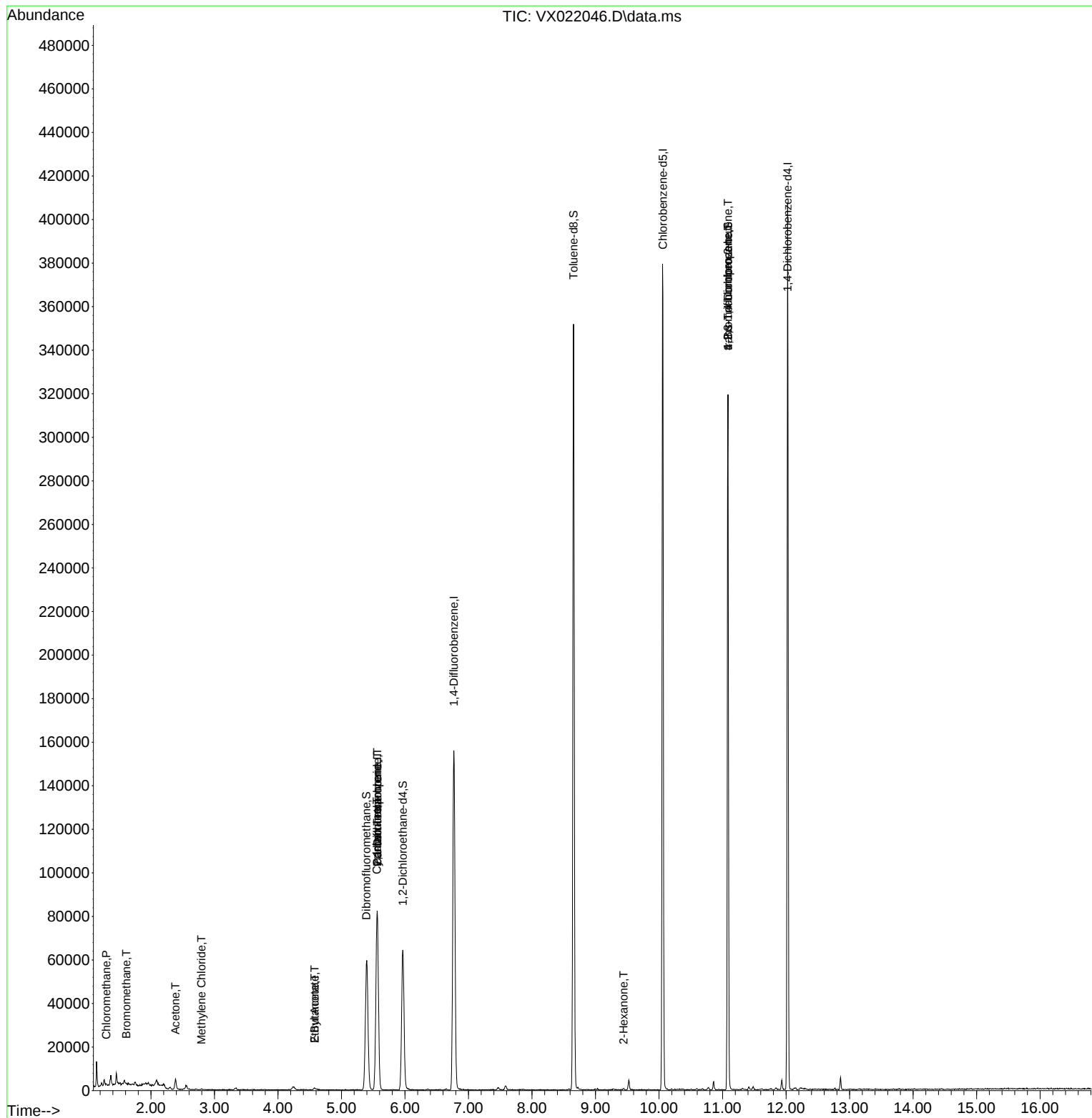
Internal Standards						
1) Pentafluorobenzene	5.562	168	71904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	160808	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	167390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73866	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	59169	50.00	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.00%	
35) Dibromofluoromethane	5.391	113	51645	46.86	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.72%	
50) Toluene-d8	8.653	98	204696	48.67	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.34%	
62) 4-Bromofluorobenzene	11.085	95	87492	52.72	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.44%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	244	0.21	ug/l #	87
5) Bromomethane	1.611	94	156	0.33	ug/l #	2
13) Acrolein	2.245	56	19	Below Cal	#	1
16) Acetone	2.386	43	5185	9.77	ug/l #	86
20) Methylene Chloride	2.794	84	114	0.25	ug/l #	67
25) 2-Butanone	4.574	43	1738	1.90	ug/l	99
31) Cyclohexane	5.556	56	2050	1.31	ug/l #	42
36) 1,1-Dichloropropene	5.562	75	6496	3.81	ug/l #	46
37) Ethyl Acetate	4.574	43	1738	0.84	ug/l #	64
38) Carbon Tetrachloride	5.562	117	8216	4.82	ug/l #	15
59) 2-Hexanone	9.439	43	448	0.27	ug/l	87
76) 1,2,3-Trichloropropane	11.085	75	45184	21.52	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	45184	49.91	ug/l #	12

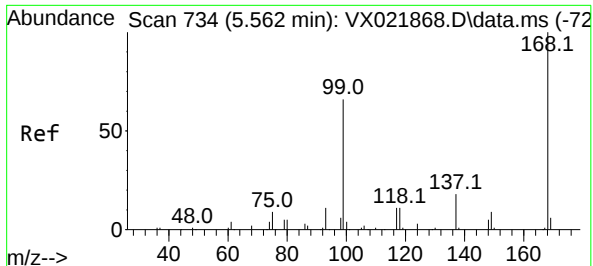
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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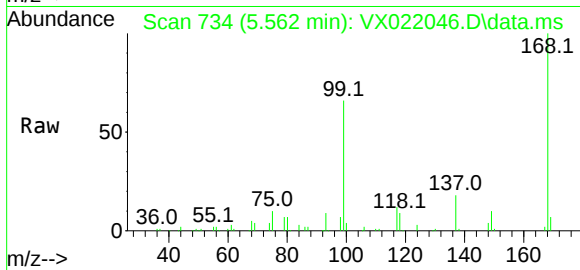
Quant Time: May 18 02:23:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
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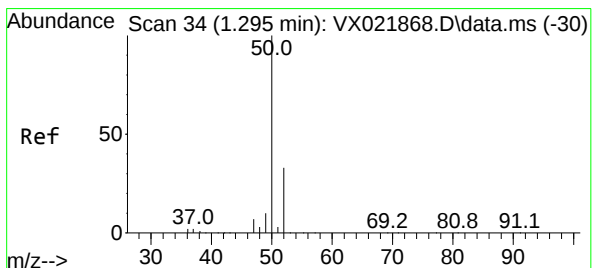
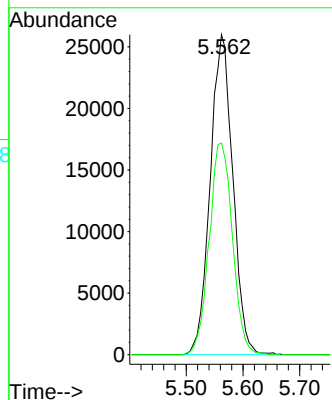
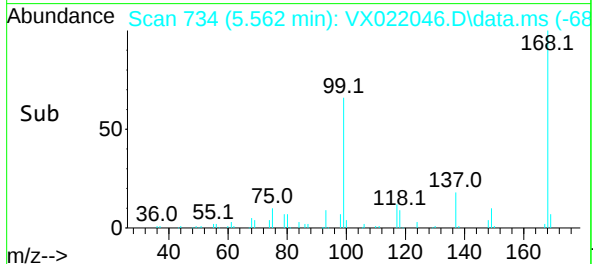


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022046.D
Acq: 17 May 2021 20:55

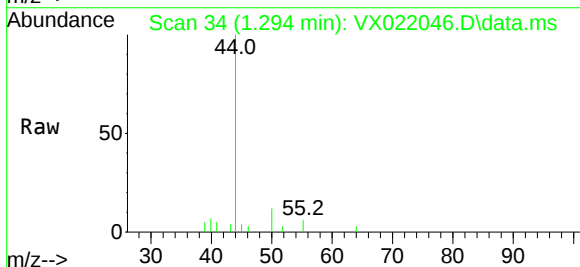
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-768-770



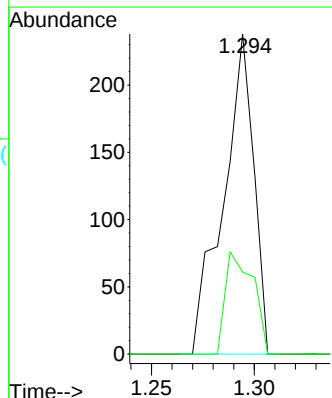
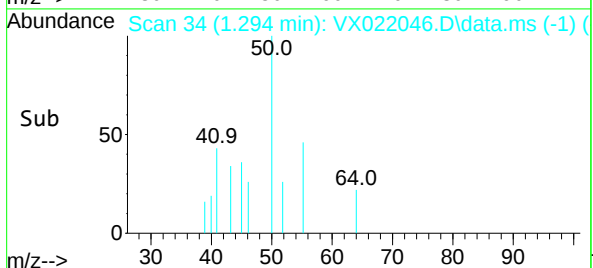
Tgt Ion:168 Resp: 71904
Ion Ratio Lower Upper
168 100
99 66.1 45.8 68.6

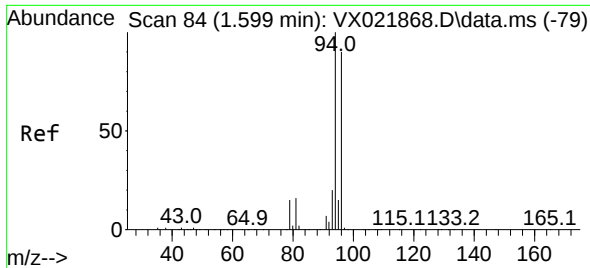


#3
Chloromethane
Concen: 0.21 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX022046.D
Acq: 17 May 2021 20:55



Tgt Ion: 50 Resp: 244
Ion Ratio Lower Upper
50 100
52 25.6 26.4 39.6#

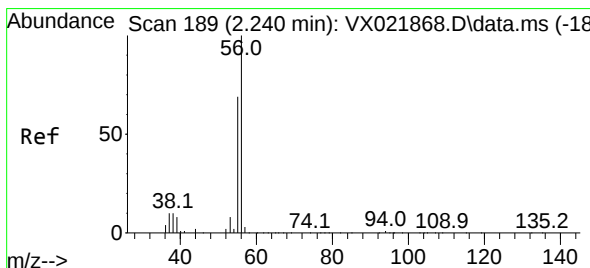
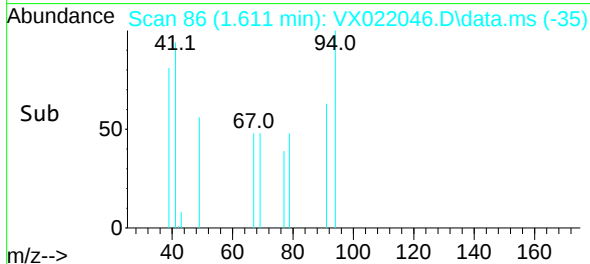
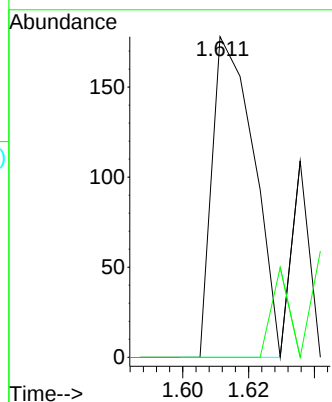
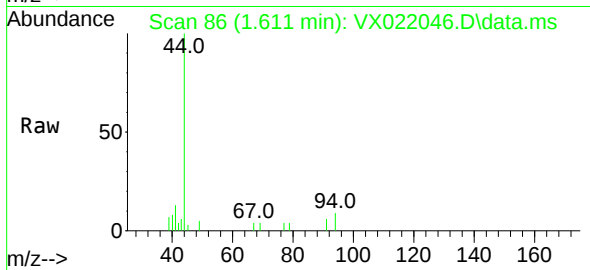




#5
Bromomethane
Concen: 0.33 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX022046.D
Acq: 17 May 2021 20:55

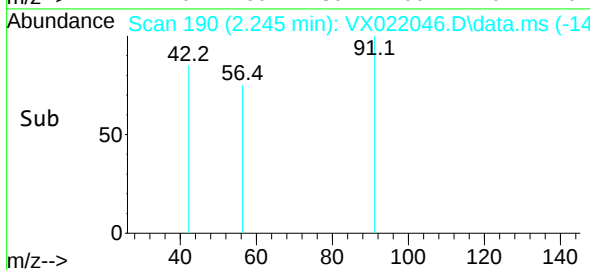
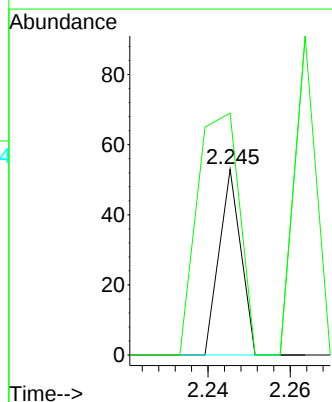
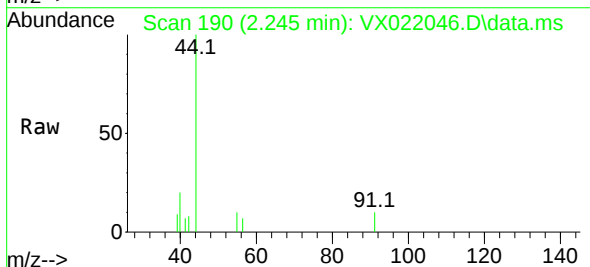
Instrument :
MSVOA_X
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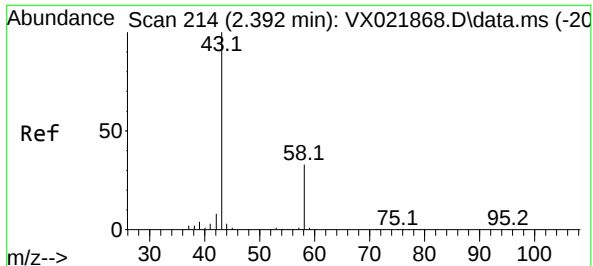
Tgt Ion: 94 Resp: 156
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#13
Acrolein
Concen: Below Cal
RT: 2.245 min Scan# 190
Delta R.T. 0.005 min
Lab File: VX022046.D
Acq: 17 May 2021 20:55

Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 257.9 56.4 84.6#

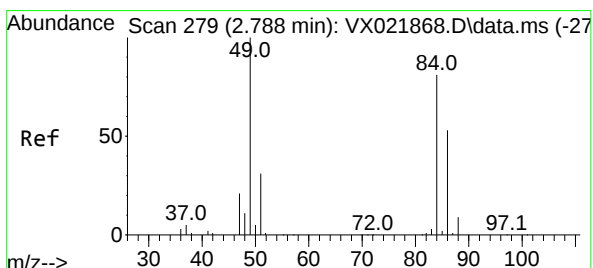
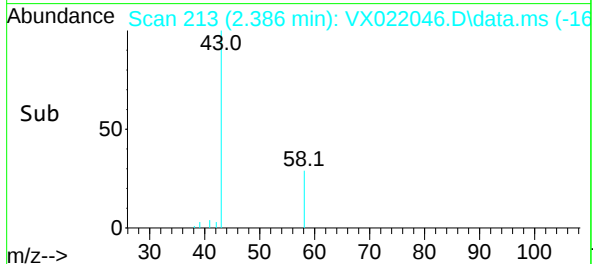
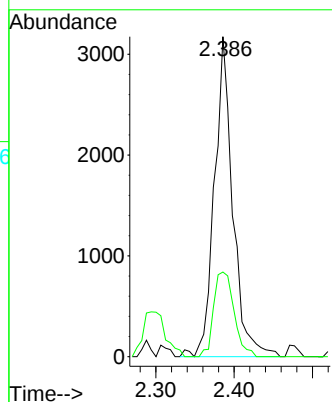
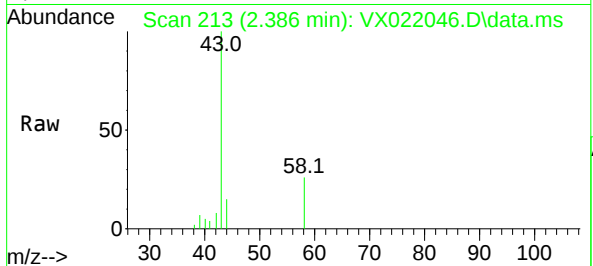




#16
Acetone
Concen: 9.77 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022046.D
Acq: 17 May 2021 20:55

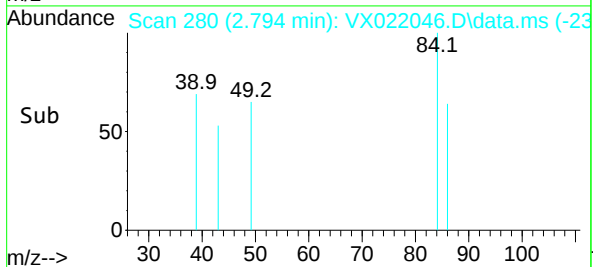
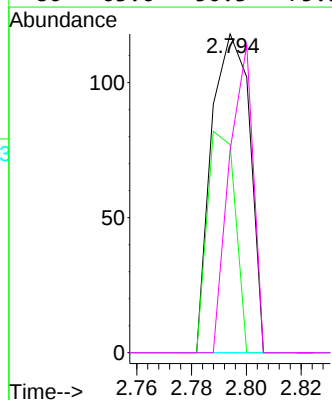
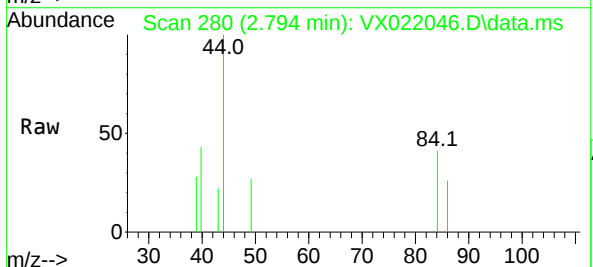
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-768-770

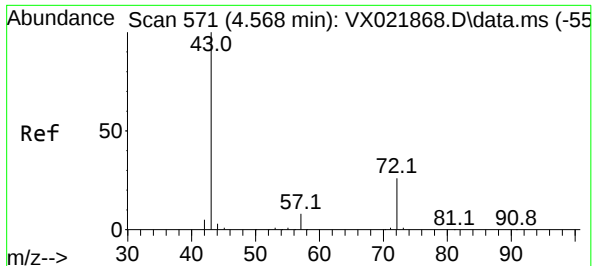
Tgt Ion: 43 Resp: 5185
Ion Ratio Lower Upper
43 100
58 26.5 27.8 41.8#



#20
Methylene Chloride
Concen: 0.25 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX022046.D
Acq: 17 May 2021 20:55

Tgt Ion: 84 Resp: 114
Ion Ratio Lower Upper
84 100
49 65.3 88.6 132.8#
51 0.0 27.0 40.6#
86 63.6 50.3 75.5





#25

2-Butanone

Concen: 1.90 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.006 min

Lab File: VX022046.D

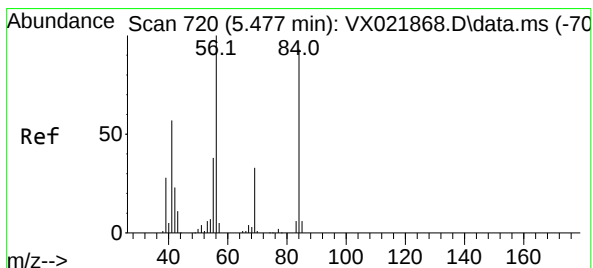
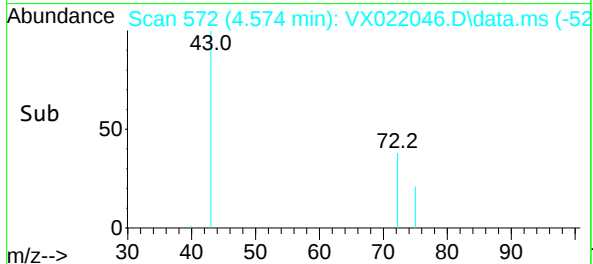
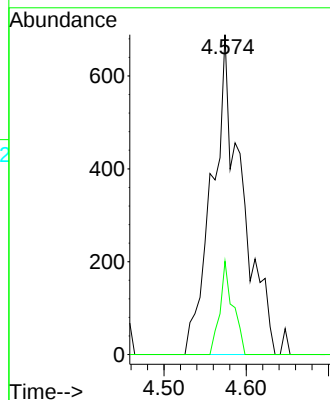
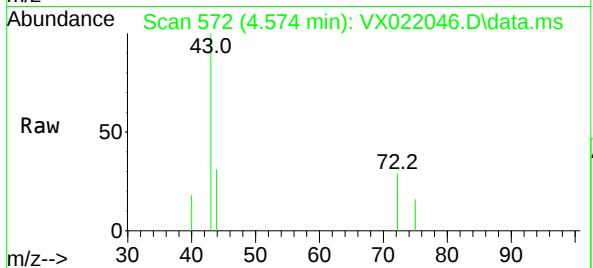
Acq: 17 May 2021 20:55

Tgt Ion: 43 Resp: 1738

Ion Ratio Lower Upper

43 100

72 29.2 23.7 35.5



#31

Cyclohexane

Concen: 1.31 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX022046.D

Acq: 17 May 2021 20:55

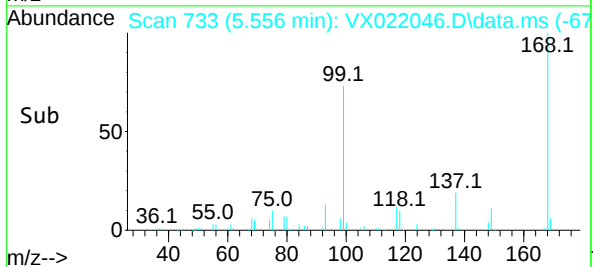
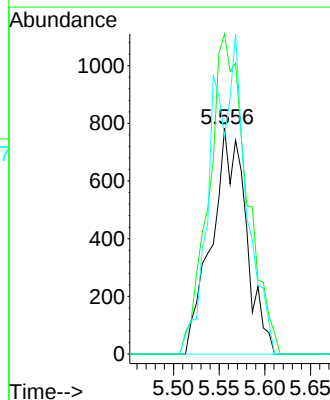
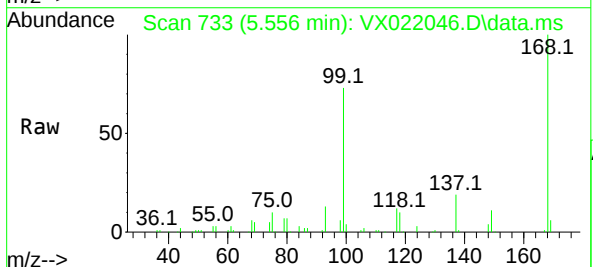
Tgt Ion: 56 Resp: 2050

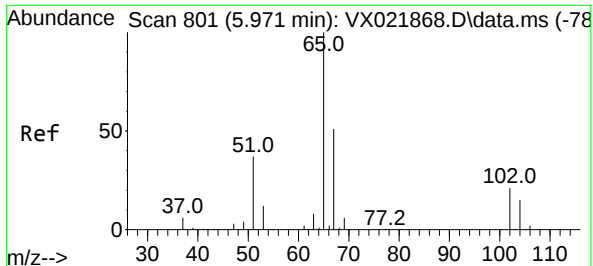
Ion Ratio Lower Upper

56 100

69 141.9 25.3 37.9#

84 96.5 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 50.00 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.007 min

Lab File: VX022046.D

Acq: 17 May 2021 20:55

Tgt Ion: 65 Resp: 59169

Ion Ratio Lower Upper

65 100

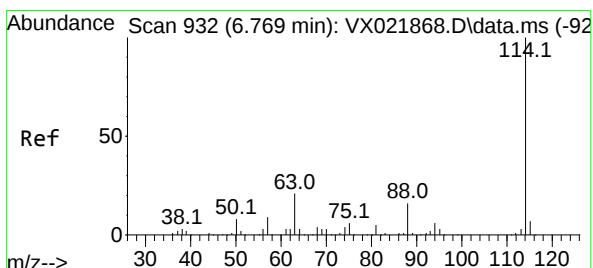
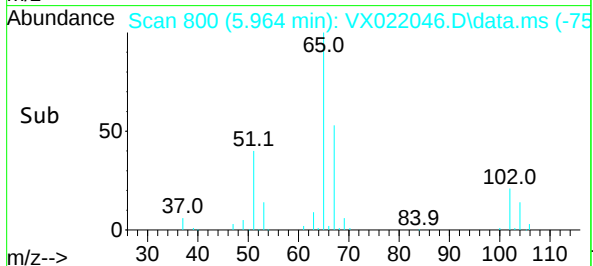
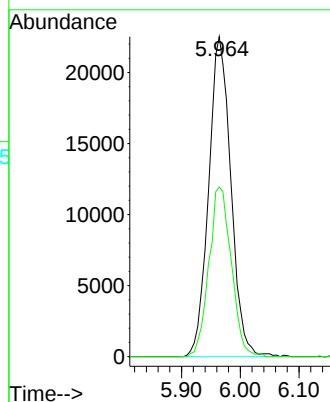
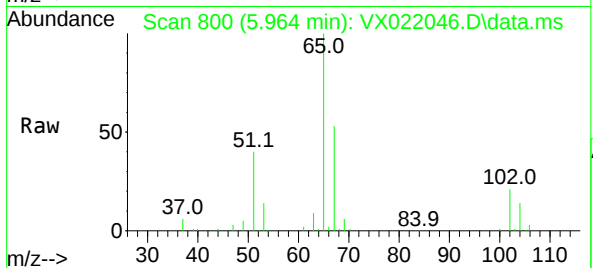
67 53.4 0.0 105.4

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX022046.D

Acq: 17 May 2021 20:55

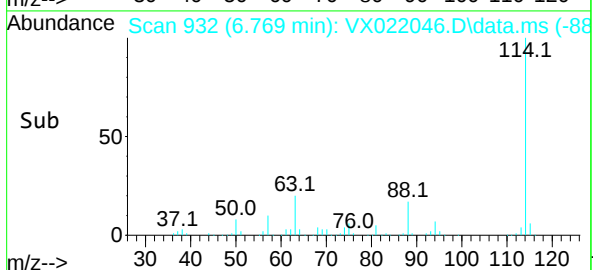
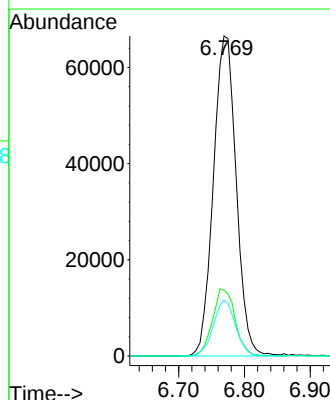
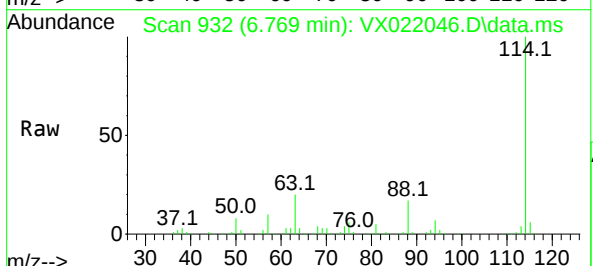
Tgt Ion: 114 Resp: 160808

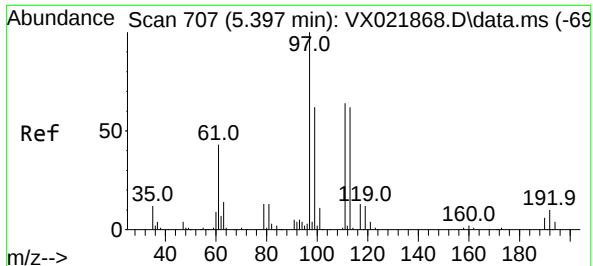
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

88 17.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.86 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX022046.D

Acq: 17 May 2021 20:55

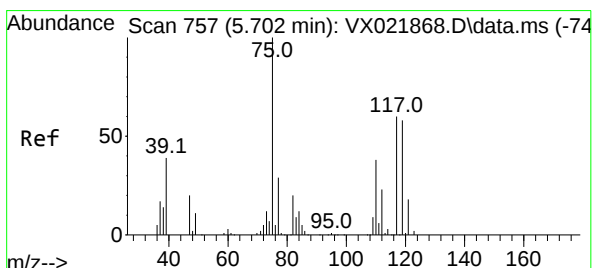
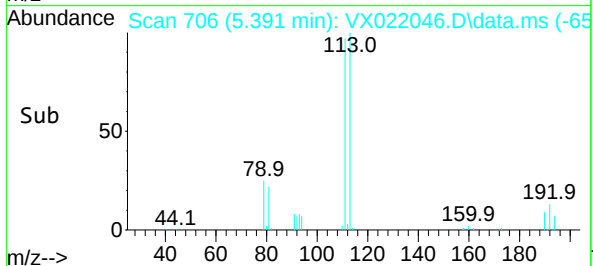
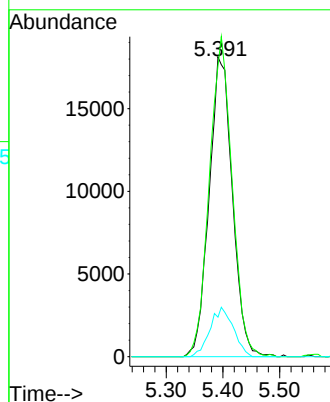
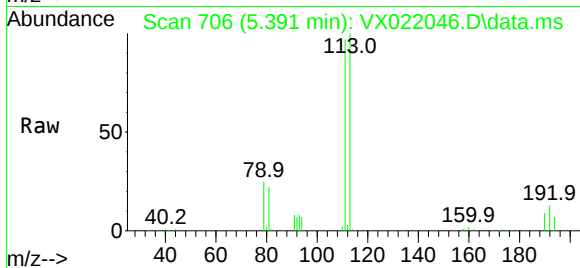
Tgt Ion:	113	Resp:	51645
Ion	Ratio	Lower	Upper
113	100		
111	104.4	81.9	122.9
192	16.5	16.7	25.1#

Instrument :

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#36

1,1-Dichloropropene

Concen: 3.81 ug/l

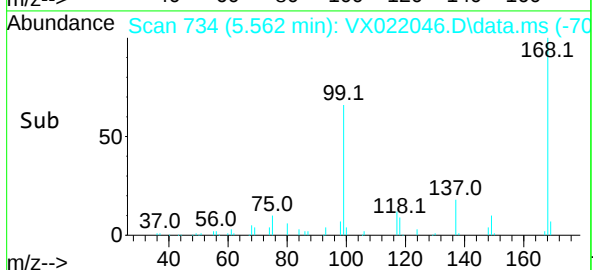
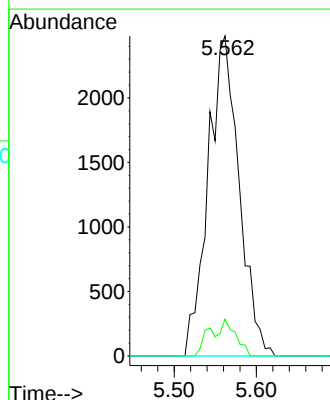
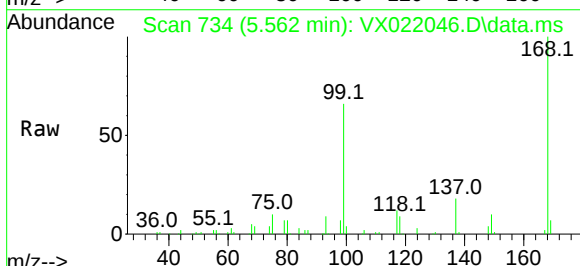
RT: 5.562 min Scan# 734

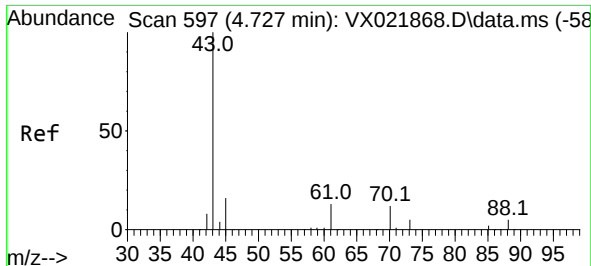
Delta R.T. -0.140 min

Lab File: VX022046.D

Acq: 17 May 2021 20:55

Tgt Ion:	75	Resp:	6496
Ion	Ratio	Lower	Upper
75	100		
110	5.8	18.1	54.4#
77	0.0	25.3	37.9#





#37

Ethyl Acetate

Concen: 0.84 ug/l

RT: 4.574 min Scan# 572

Delta R.T. -0.153 min

Lab File: VX022046.D

Acq: 17 May 2021 20:55

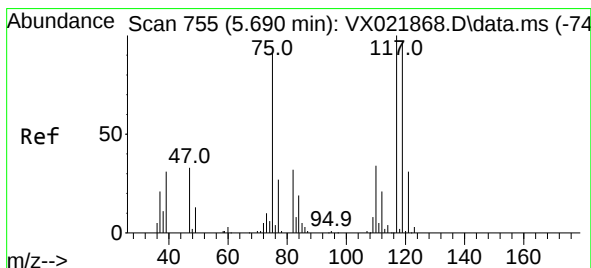
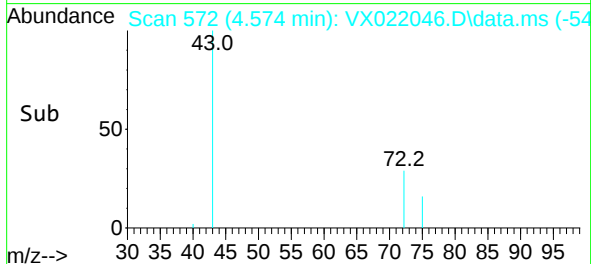
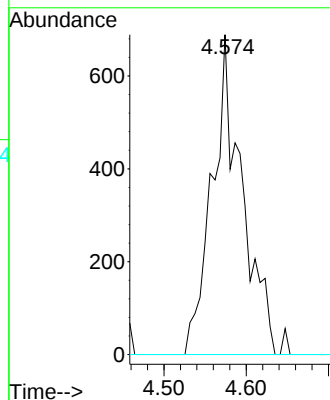
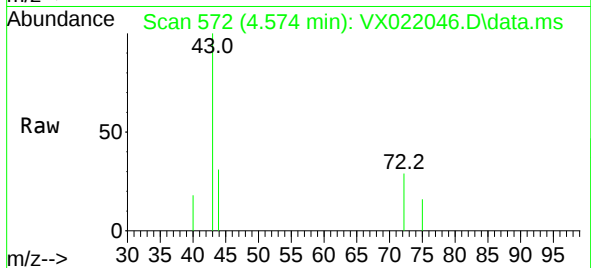
Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW8-GW-768-770

Tgt Ion: 43	Resp: 1738
Ion Ratio	Lower Upper
43 100	
61 0.0	12.8 19.2#
70 0.0	10.5 15.7#



#38

Carbon Tetrachloride

Concen: 4.82 ug/l

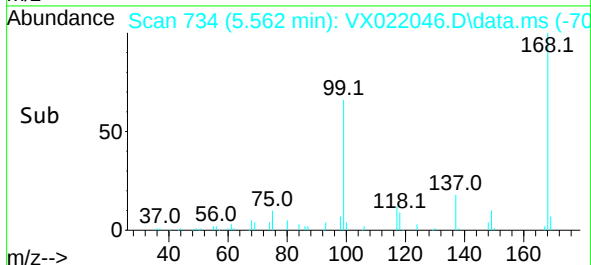
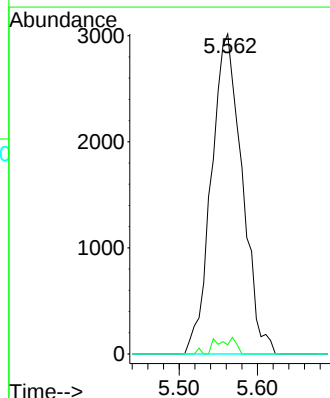
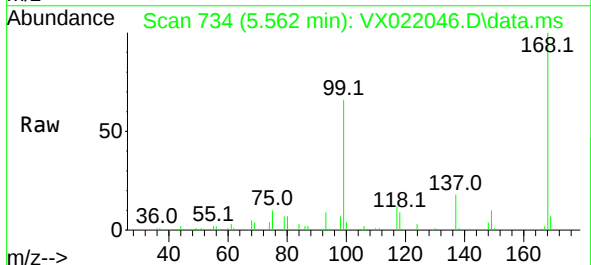
RT: 5.562 min Scan# 734

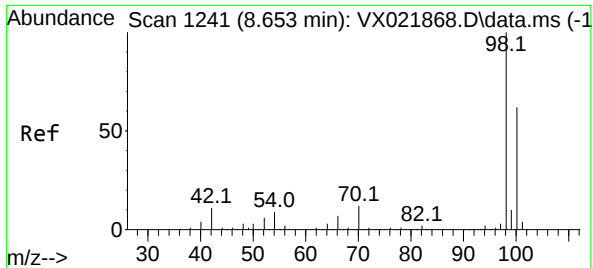
Delta R.T. -0.128 min

Lab File: VX022046.D

Acq: 17 May 2021 20:55

Tgt Ion: 117	Resp: 8216
Ion Ratio	Lower Upper
117 100	
119 2.9	76.2 114.2#
121 0.0	24.8 37.2#

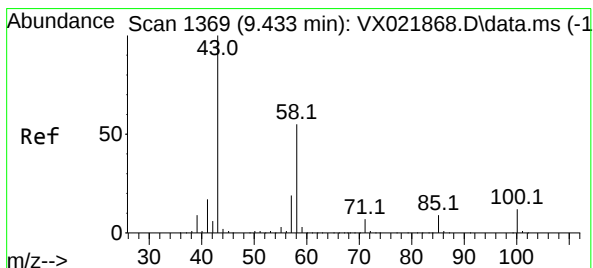
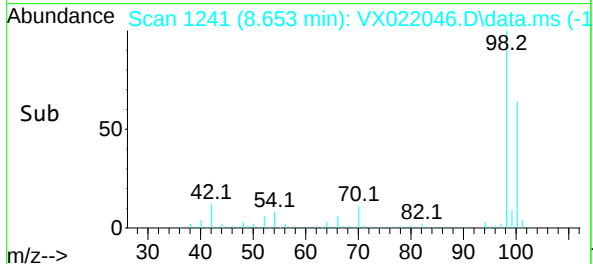
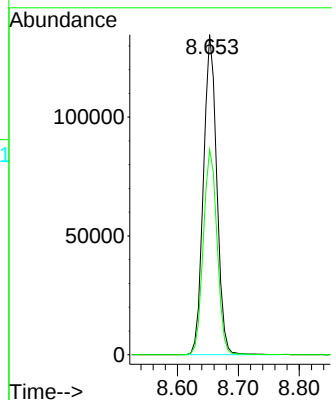
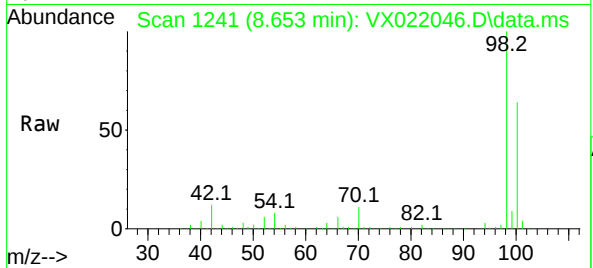




#50
Toluene-d8
Concen: 48.67 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022046.D
Acq: 17 May 2021 20:55

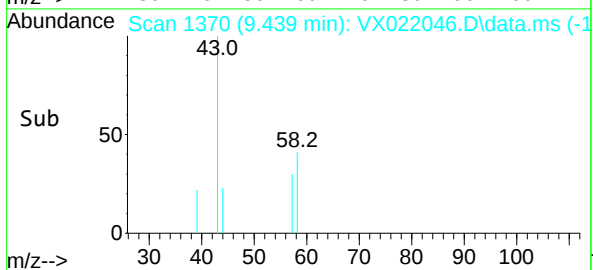
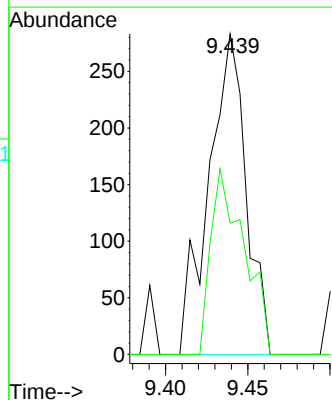
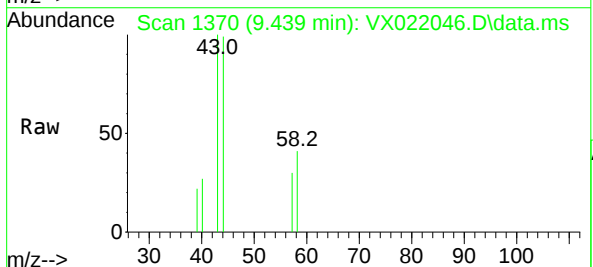
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-768-770

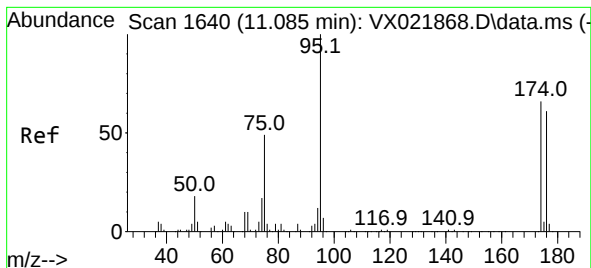
Tgt Ion: 98 Resp: 204696
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9



#59
2-Hexanone
Concen: 0.27 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX022046.D
Acq: 17 May 2021 20:55

Tgt Ion: 43 Resp: 448
Ion Ratio Lower Upper
43 100
58 51.8 30.9 92.8

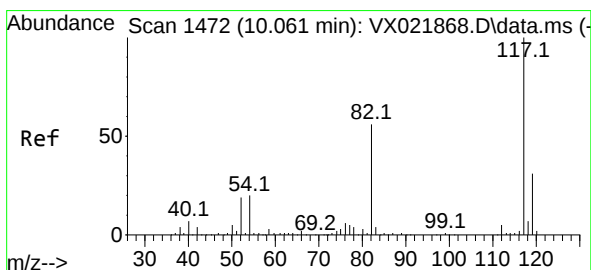
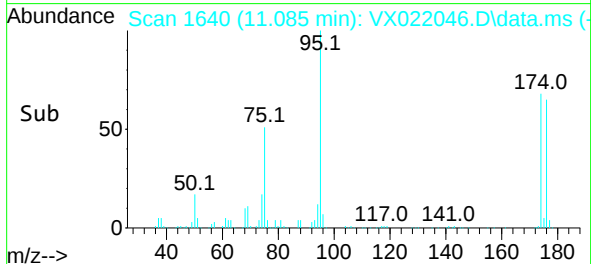
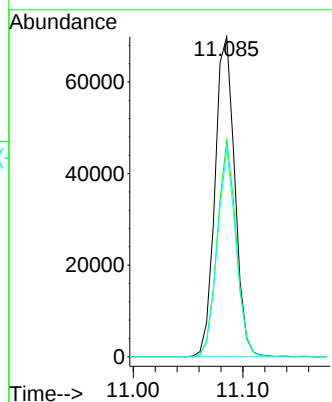
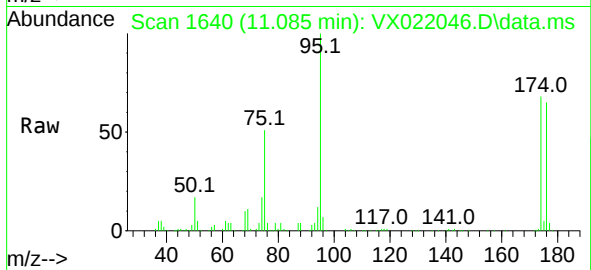




#62
4-Bromofluorobenzene
Concen: 52.72 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022046.D
Acq: 17 May 2021 20:55

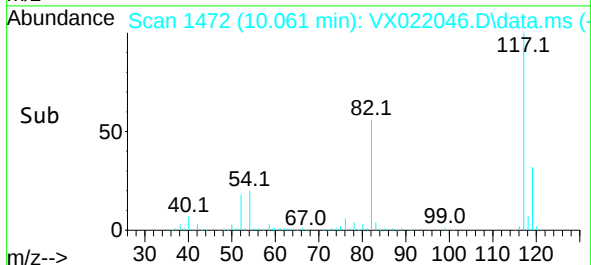
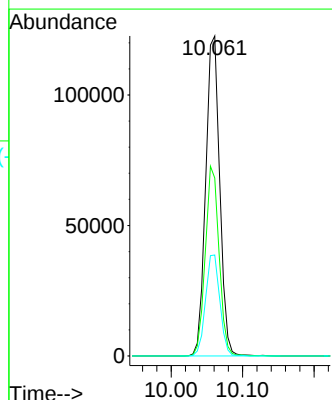
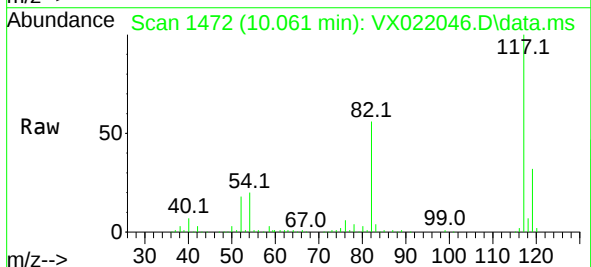
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-768-770

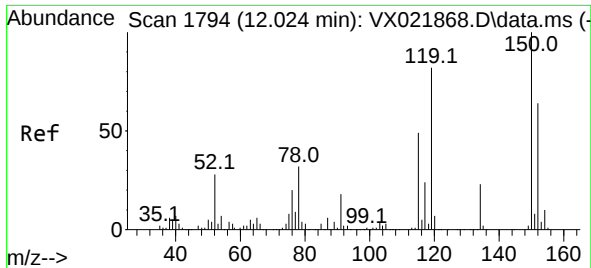
Tgt Ion: 95 Resp: 87492
Ion Ratio Lower Upper
95 100
174 64.8 0.0 154.6
176 61.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022046.D
Acq: 17 May 2021 20:55

Tgt Ion: 117 Resp: 167390
Ion Ratio Lower Upper
117 100
82 55.6 47.4 71.2
119 31.6 26.6 39.8

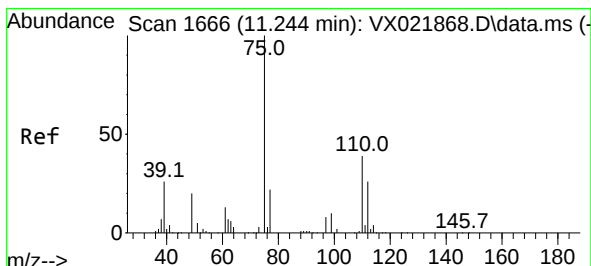
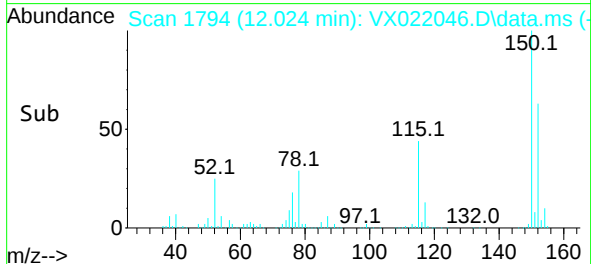
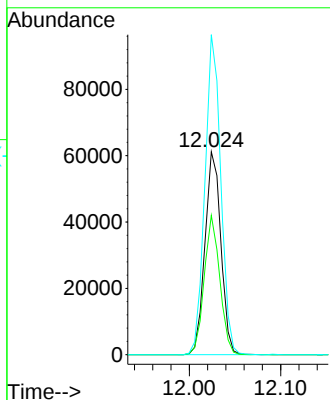
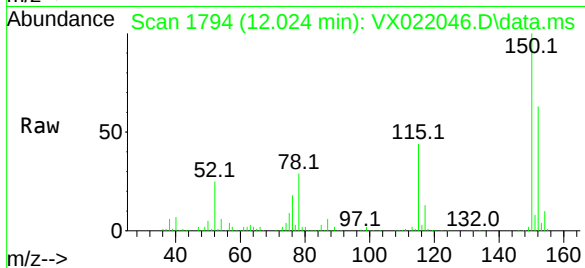




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022046.D
 Acq: 17 May 2021 20:55

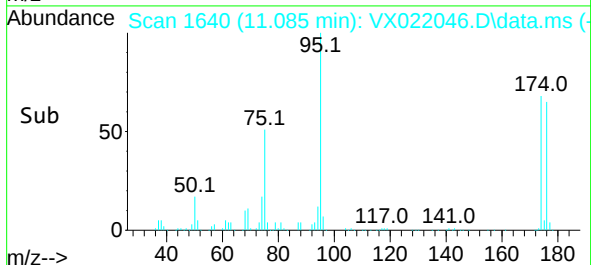
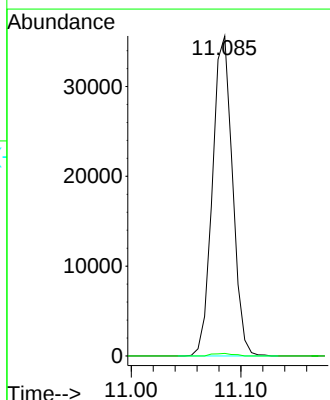
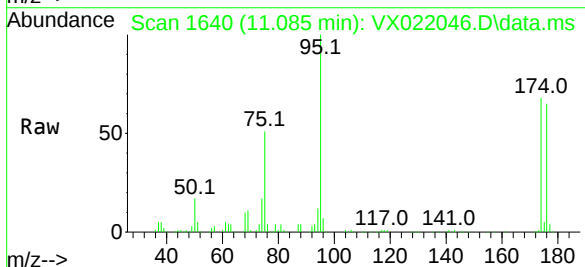
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW8-GW-768-770

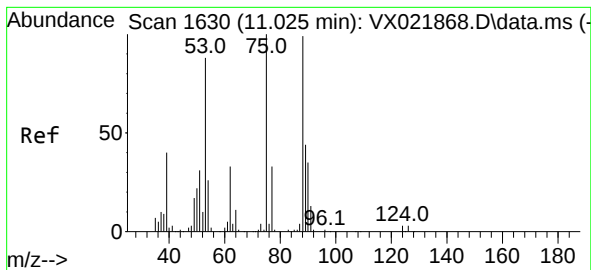
Tgt Ion:152 Resp: 73866
 Ion Ratio Lower Upper
 152 100
 115 66.9 41.1 123.3
 150 157.1 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 21.52 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022046.D
 Acq: 17 May 2021 20:55

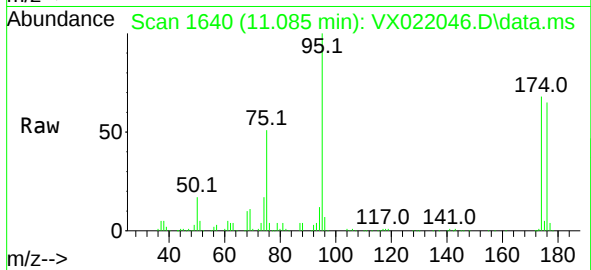
Tgt Ion: 75 Resp: 45184
 Ion Ratio Lower Upper
 75 100
 77 0.8 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 49.91 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022046.D
 Acq: 17 May 2021 20:55

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW8-GW-768-770



Tgt Ion:	75	Resp:	45184
Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.5	111.7#
89	0.0	37.9	56.9#

