

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051821\
 Data File : VX022042.D
 Acq On : 17 May 2021 19:22
 Operator : JC/MD
 Sample : M2411-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW8-EB-20210513

Quant Time: May 18 02:22:21 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)

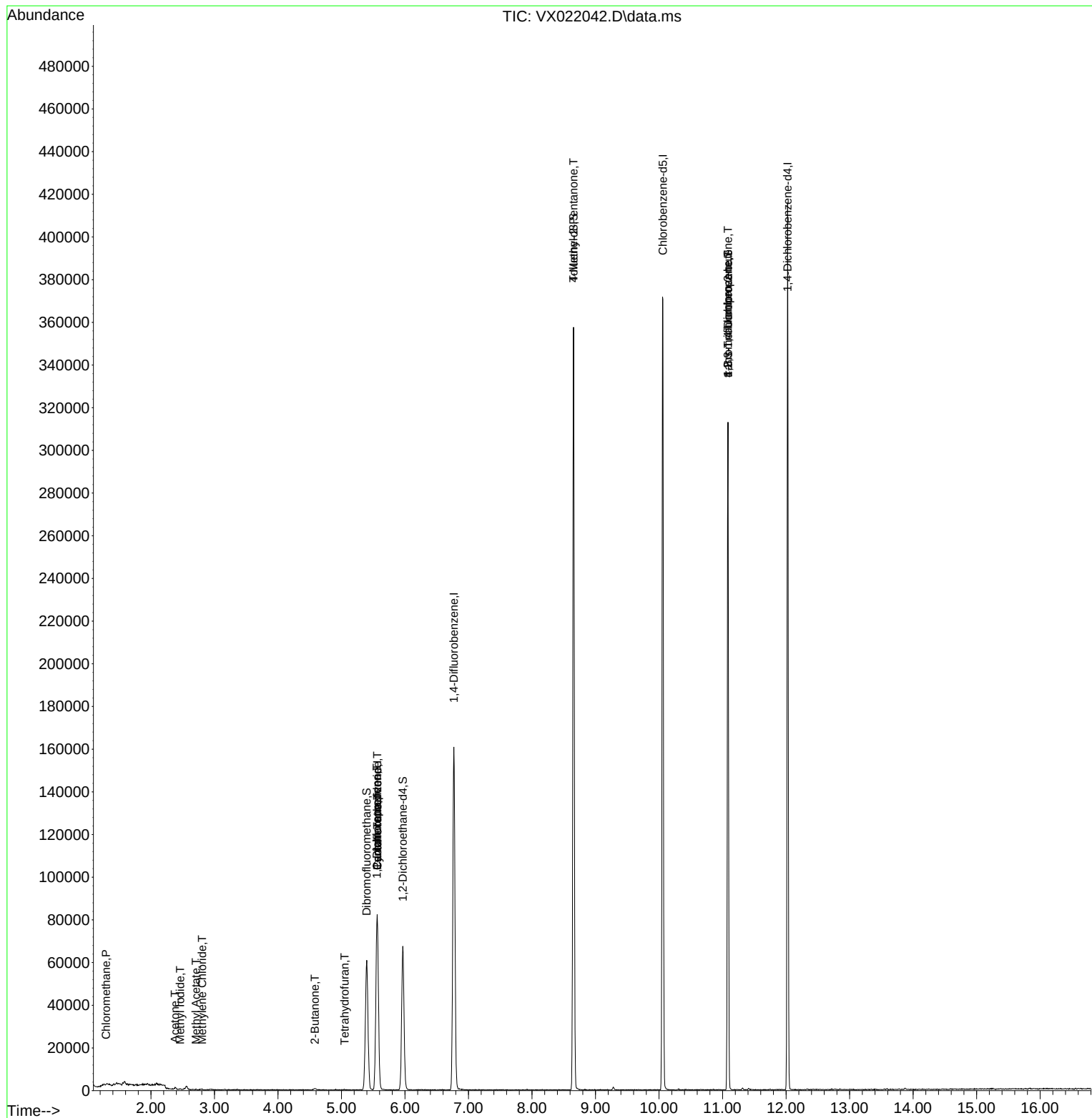
Internal Standards						
1) Pentafluorobenzene	5.562	168	72178	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	163408	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	169774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74224	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	61604	51.86	ug/l	0.00
Spiked Amount 50.000	Range 78	- 117	Recovery	=	103.72%	
35) Dibromofluoromethane	5.397	113	52331	46.73	ug/l	0.00
Spiked Amount 50.000	Range 75	- 124	Recovery	=	93.46%	
50) Toluene-d8	8.653	98	207521	48.56	ug/l	0.00
Spiked Amount 50.000	Range 92	- 112	Recovery	=	97.12%	
62) 4-Bromofluorobenzene	11.085	95	87593	51.94	ug/l	0.00
Spiked Amount 50.000	Range 83	- 123	Recovery	=	103.88%	
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	234	0.21	ug/l	# 83
10) Methyl Iodide	2.459	142	368	0.34	ug/l	# 49
13) Acrolein	2.288	56	28	Below Cal	#	14
16) Acetone	2.380	43	1126	2.11	ug/l	# 88
18) Methyl Acetate	2.709	43	320	0.22	ug/l	# 47
20) Methylene Chloride	2.806	84	216	0.34	ug/l	# 44
25) 2-Butanone	4.580	43	196	0.21	ug/l	# 45
29) Tetrahydrofuran	5.050	42	112	0.21	ug/l	# 39
31) Cyclohexane	5.562	56	1938	1.24	ug/l	# 38
36) 1,1-Dichloropropene	5.556	75	6629	3.83	ug/l	# 48
38) Carbon Tetrachloride	5.562	117	8358	4.83	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.653	43	1004	0.46	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	44756	21.21	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	44756	49.20	ug/l	# 12

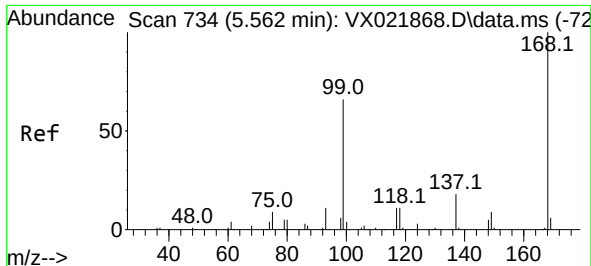
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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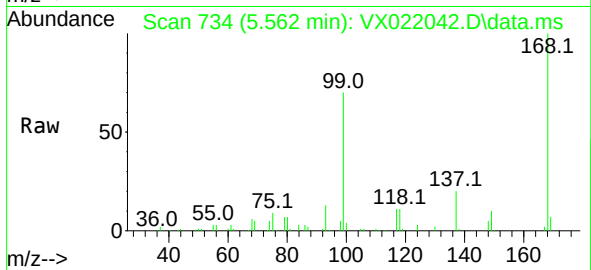
Quant Time: May 18 02:22:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
Quant Title : SW846 8260
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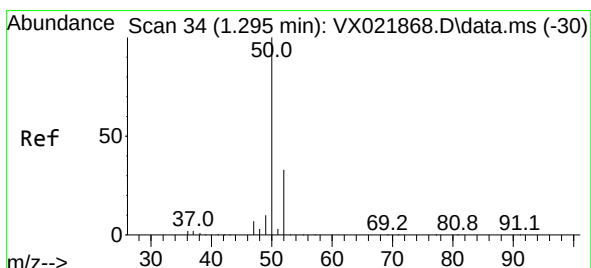
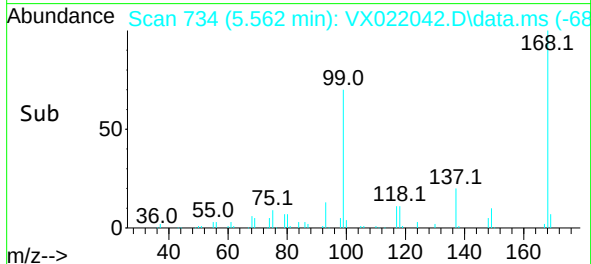
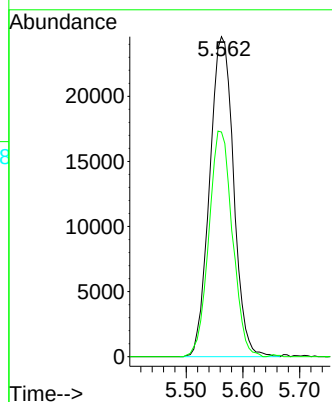


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022042.D
Acq: 17 May 2021 19:22

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-EB-20210513

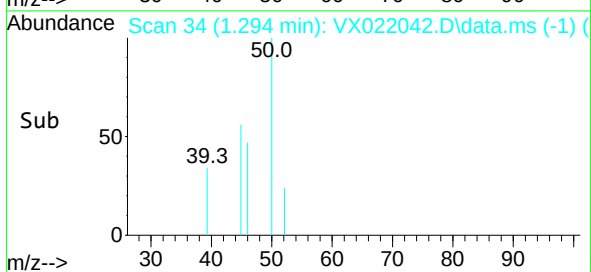
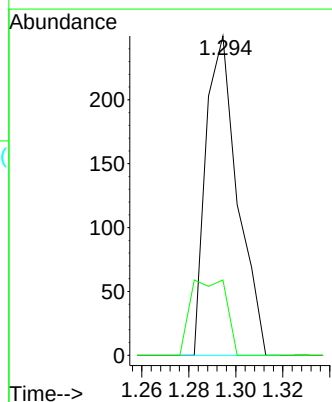
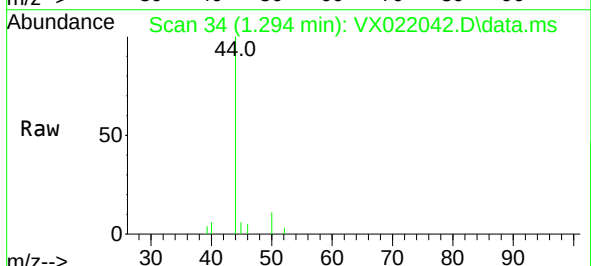


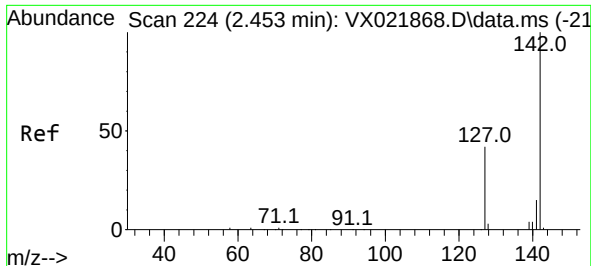
Tgt Ion:168 Resp: 72178
Ion Ratio Lower Upper
168 100
99 70.2 45.8 68.6#



#3
Chloromethane
Concen: 0.21 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX022042.D
Acq: 17 May 2021 19:22

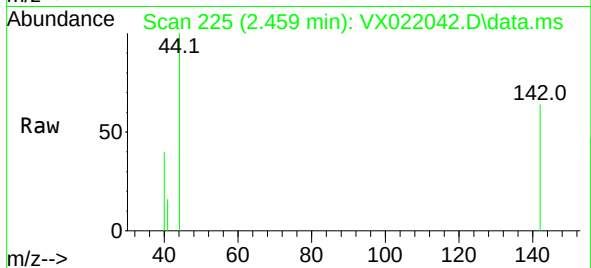
Tgt Ion: 50 Resp: 234
Ion Ratio Lower Upper
50 100
52 23.6 26.4 39.6#



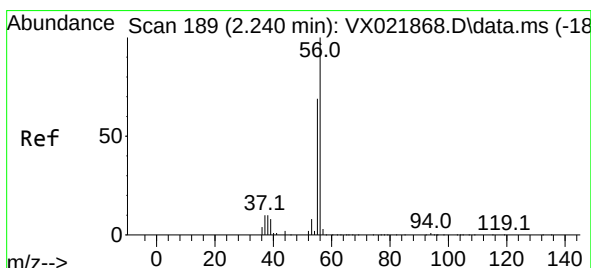
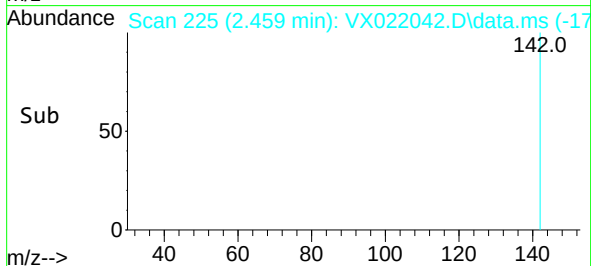
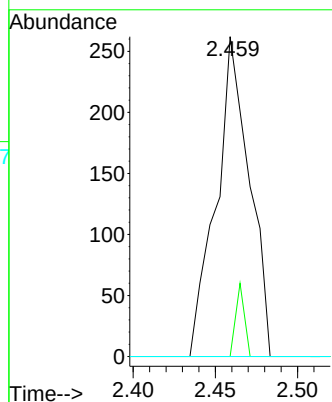


#10
Methyl Iodide
Concen: 0.34 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022042.D
Acq: 17 May 2021 19:22

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-EB-20210513

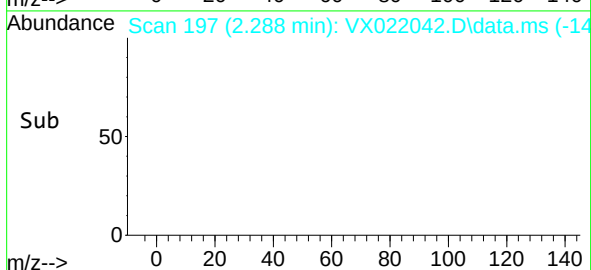
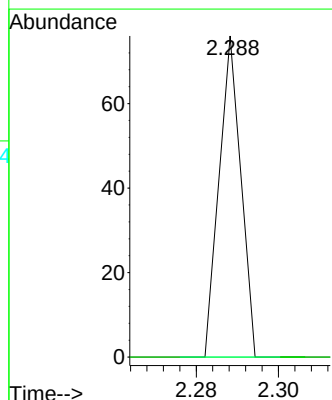
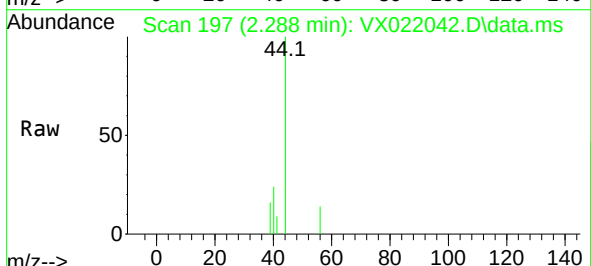


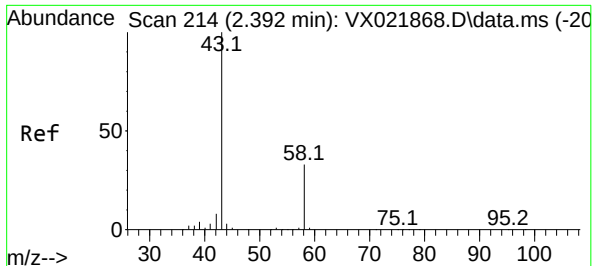
Tgt Ion:142 Resp: 368
Ion Ratio Lower Upper
142 100
127 6.0 33.3 49.9#
141 0.0 11.4 17.0#



#13
Acrolein
Concen: Below Cal
RT: 2.288 min Scan# 197
Delta R.T. 0.048 min
Lab File: VX022042.D
Acq: 17 May 2021 19:22

Tgt Ion: 56 Resp: 28
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

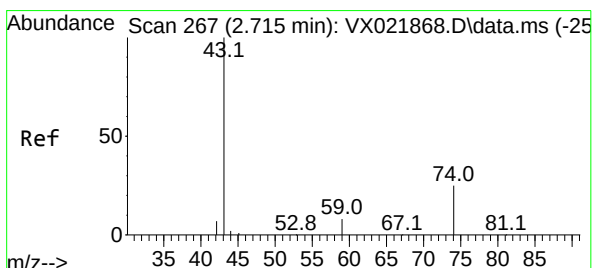
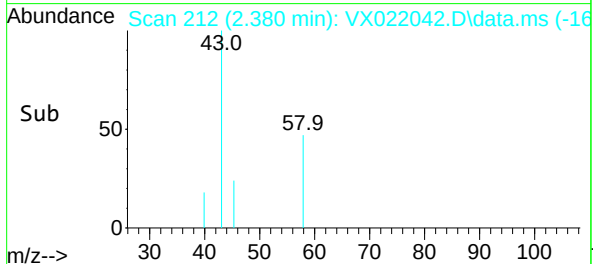
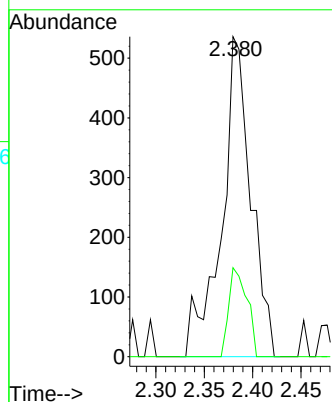
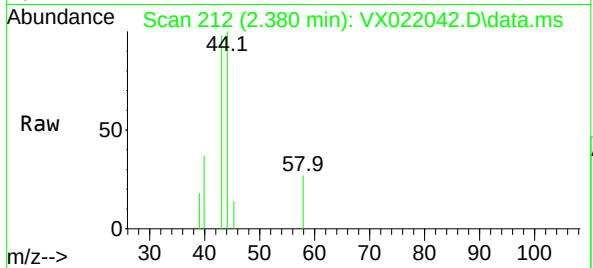




#16
Acetone
Concen: 2.11 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX022042.D
Acq: 17 May 2021 19:22

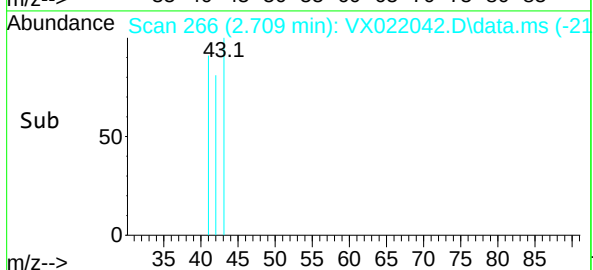
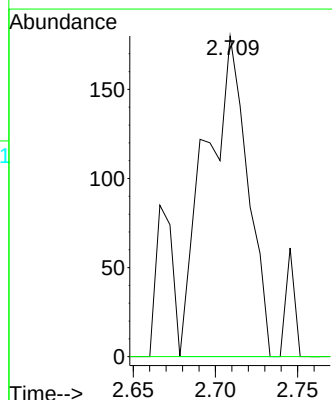
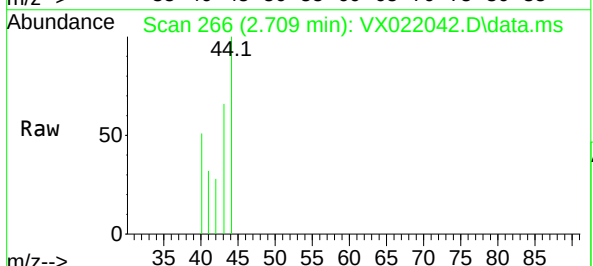
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-EB-20210513

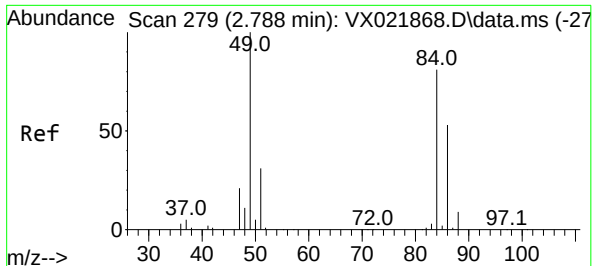
Tgt Ion: 43 Resp: 1126
Ion Ratio Lower Upper
43 100
58 27.8 27.8 41.8#



#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX022042.D
Acq: 17 May 2021 19:22

Tgt Ion: 43 Resp: 320
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



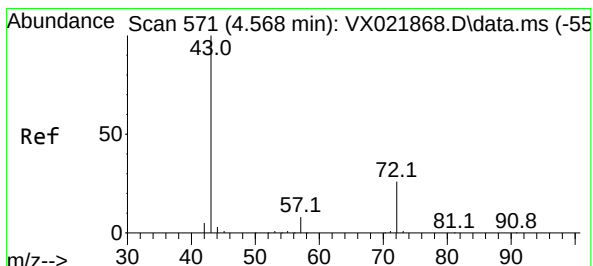
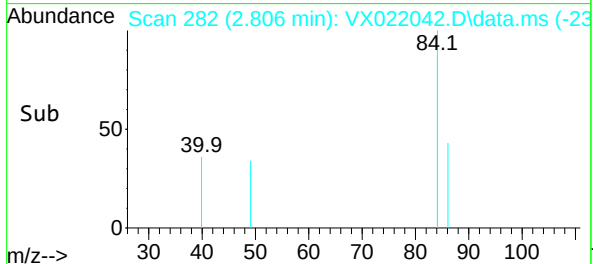
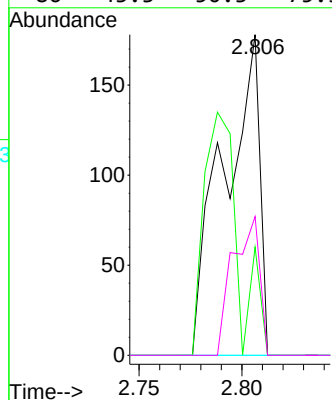
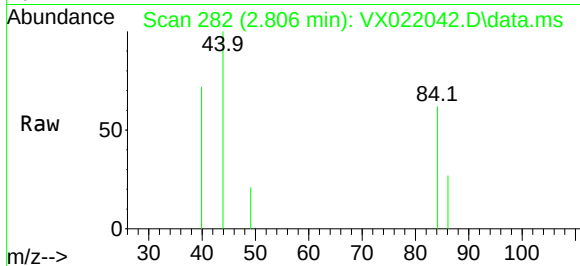


#20
Methylene Chloride
Concen: 0.34 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.018 min
Lab File: VX022042.D
Acq: 17 May 2021 19:22

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-EB-20210513

Tgt Ion: 84 Resp: 216

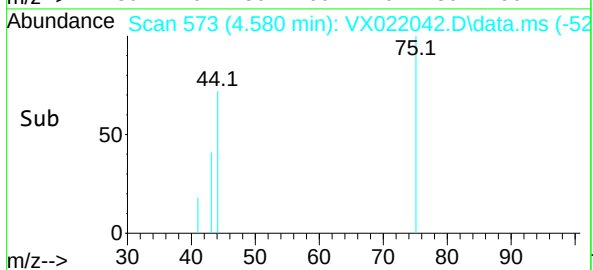
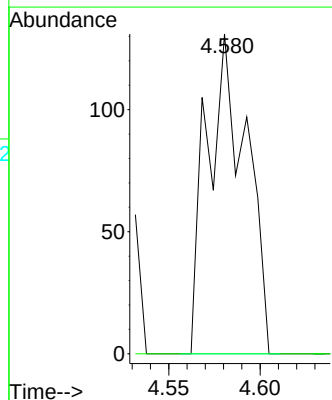
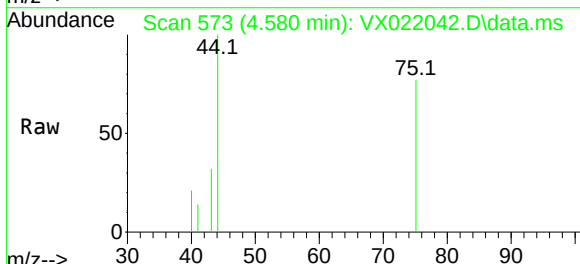
Ion	Ratio	Lower	Upper
84	100		
49	33.7	88.6	132.8#
51	0.0	27.0	40.6#
86	43.3	50.3	75.5#

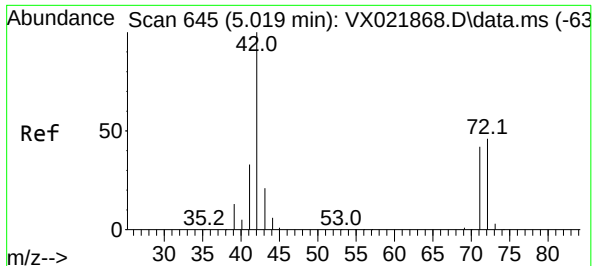


#25
2-Butanone
Concen: 0.21 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX022042.D
Acq: 17 May 2021 19:22

Tgt Ion: 43 Resp: 196

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#





#29

Tetrahydrofuran

Concen: 0.21 ug/l

RT: 5.050 min Scan# 650

Delta R.T. 0.031 min

Lab File: VX022042.D

Acq: 17 May 2021 19:22

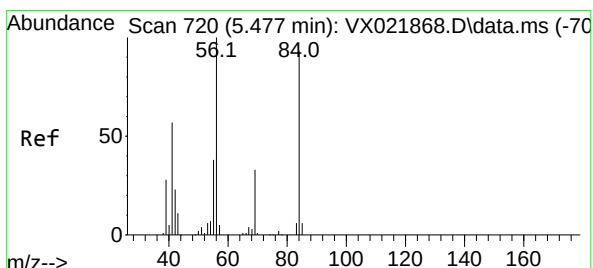
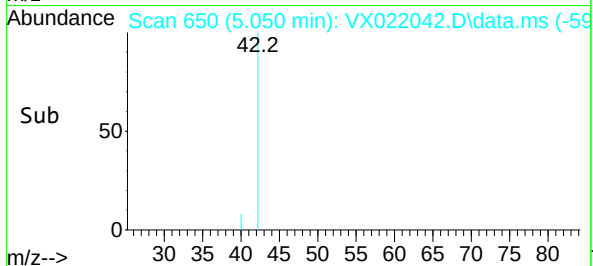
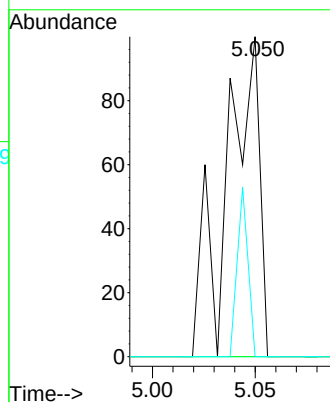
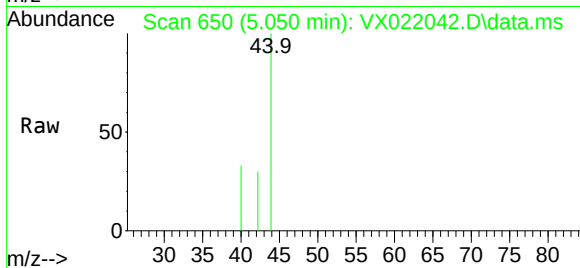
Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW8-EB-20210513

Tgt Ion: 42	Resp: 112
Ion Ratio	Lower Upper
42 100	
72 0.0	41.7 62.5#
71 17.0	38.4 57.6#



#31

Cyclohexane

Concen: 1.24 ug/l

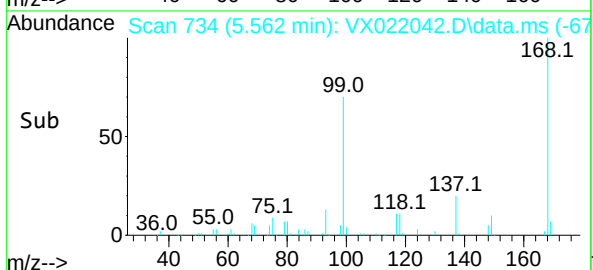
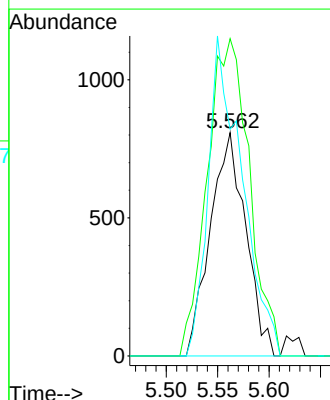
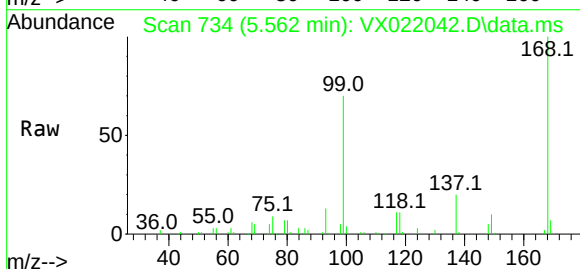
RT: 5.562 min Scan# 734

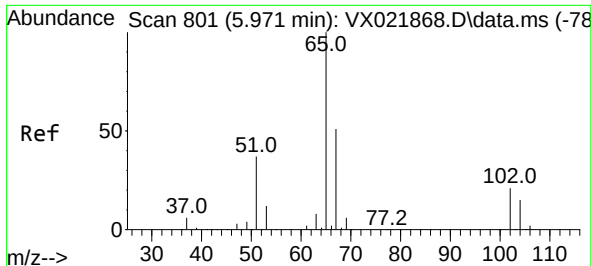
Delta R.T. 0.085 min

Lab File: VX022042.D

Acq: 17 May 2021 19:22

Tgt Ion: 56	Resp: 1938
Ion Ratio	Lower Upper
56 100	
69 142.0	25.3 37.9#
84 101.5	71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 51.86 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.007 min

Lab File: VX022042.D

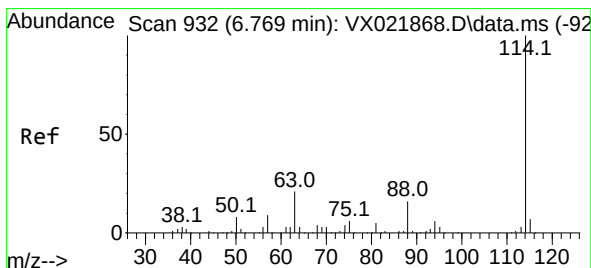
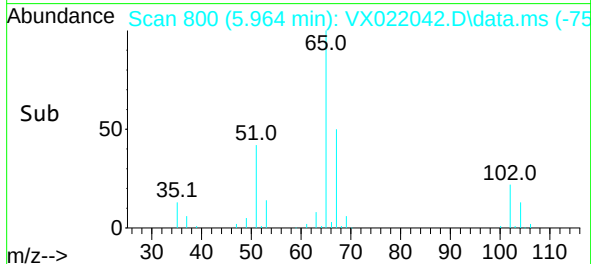
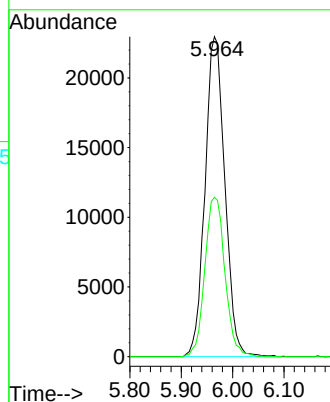
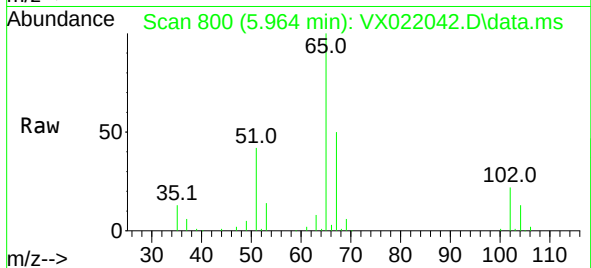
Acq: 17 May 2021 19:22

Tgt Ion: 65 Resp: 61604

Ion Ratio Lower Upper

65 100

67 50.4 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: VX022042.D

Acq: 17 May 2021 19:22

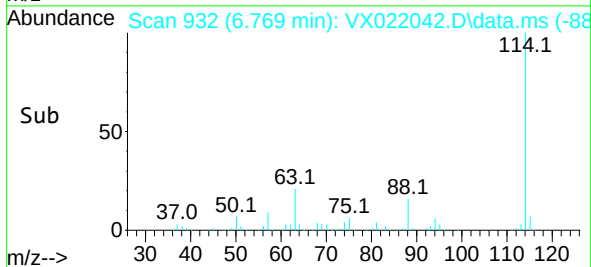
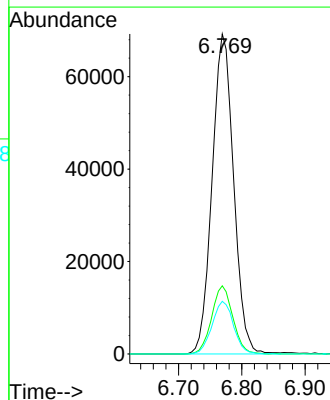
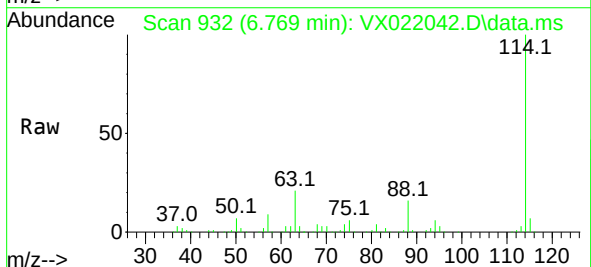
Tgt Ion: 114 Resp: 163408

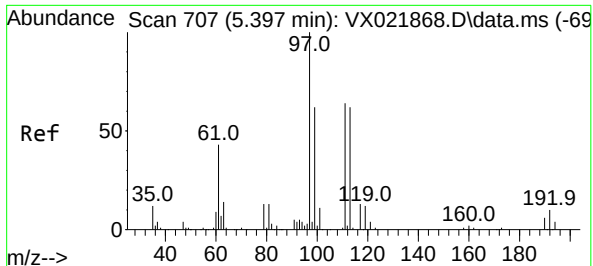
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.8

88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.73 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX022042.D

Acq: 17 May 2021 19:22

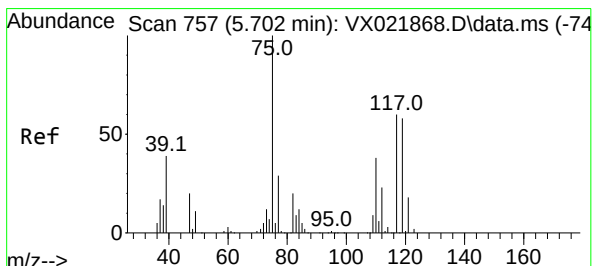
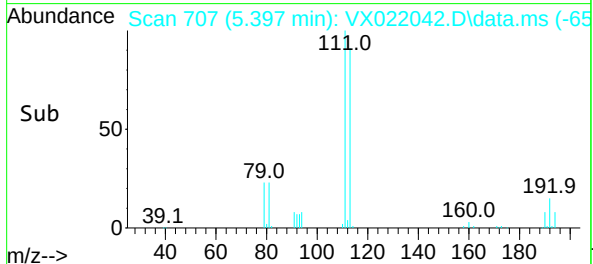
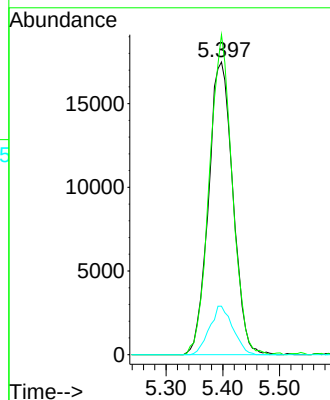
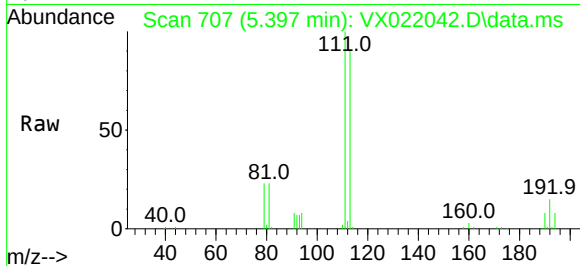
Tgt Ion:113 Resp: 52331

Ion Ratio Lower Upper

113 100

111 102.3 81.9 122.9

192 15.8 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 3.83 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022042.D

Acq: 17 May 2021 19:22

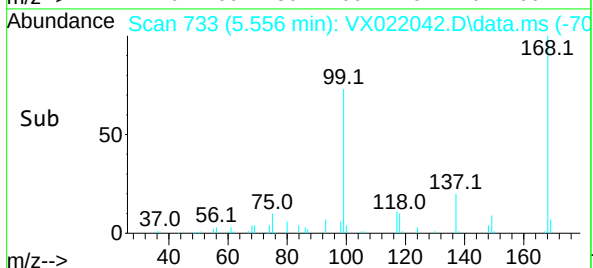
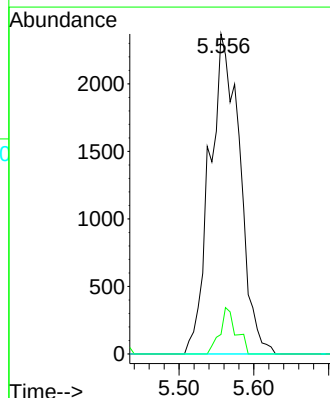
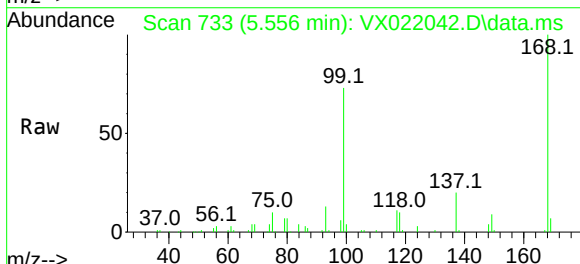
Tgt Ion: 75 Resp: 6629

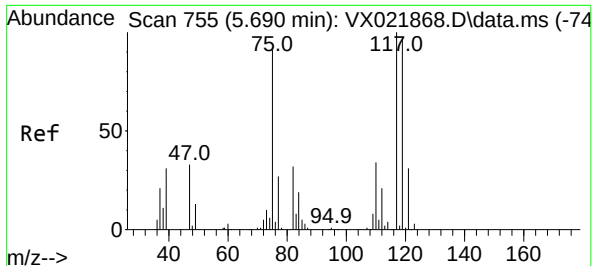
Ion Ratio Lower Upper

75 100

110 7.8 18.1 54.4#

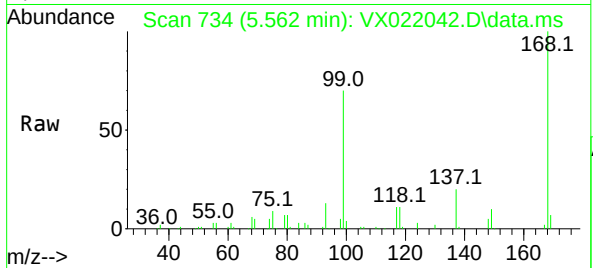
77 0.0 25.3 37.9#



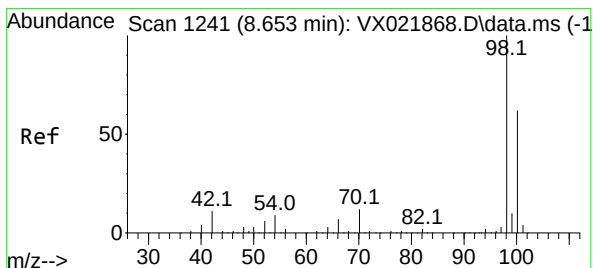
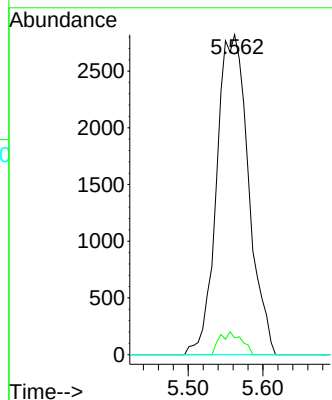
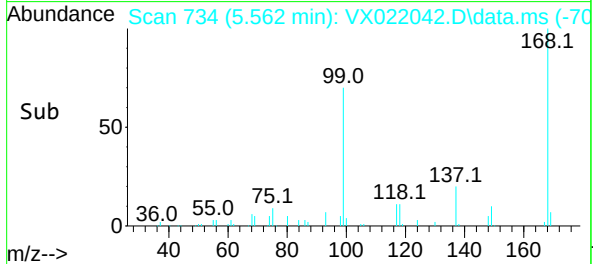


#38
Carbon Tetrachloride
Concen: 4.83 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022042.D
Acq: 17 May 2021 19:22

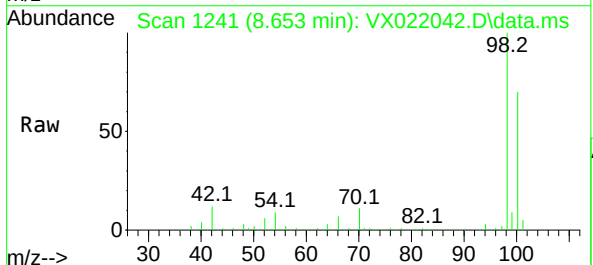
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-EB-20210513



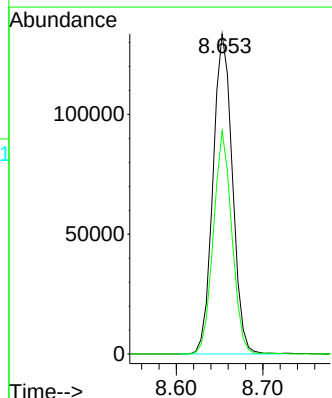
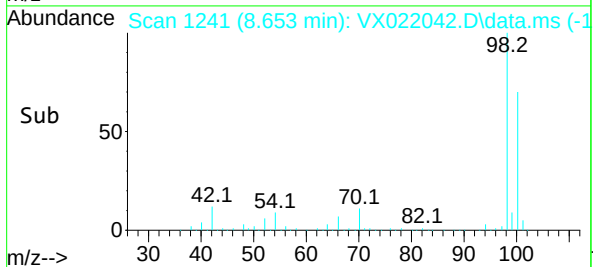
Tgt Ion: 117 Resp: 8358
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#

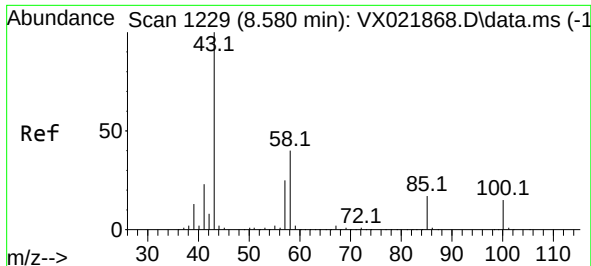


#50
Toluene-d8
Concen: 48.56 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022042.D
Acq: 17 May 2021 19:22



Tgt Ion: 98 Resp: 207521
Ion Ratio Lower Upper
98 100
100 66.5 51.9 77.9

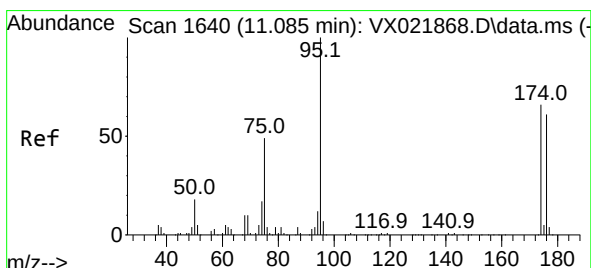
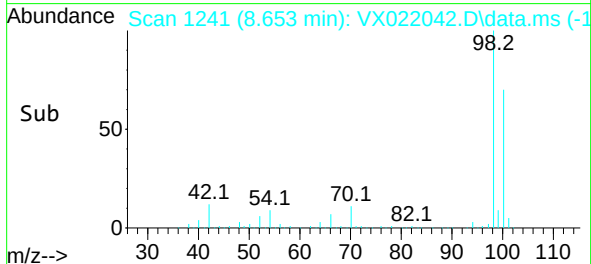
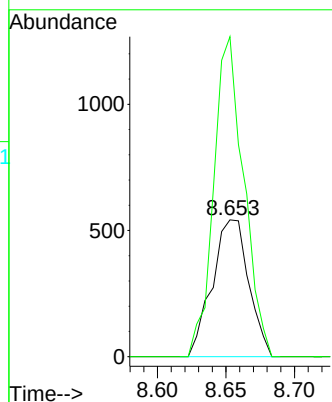
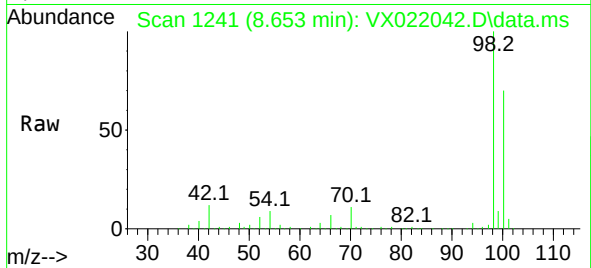




#51
4-Methyl-2-Pentanone
Concen: 0.46 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022042.D
Acq: 17 May 2021 19:22

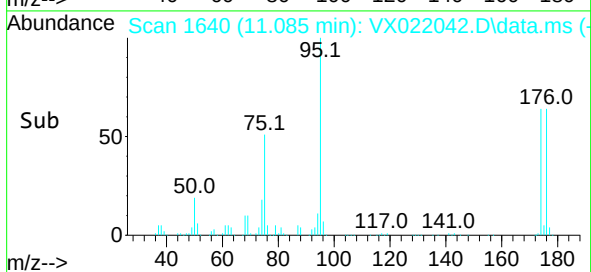
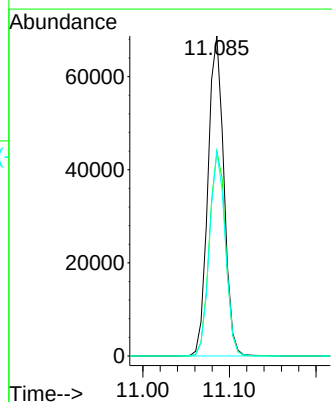
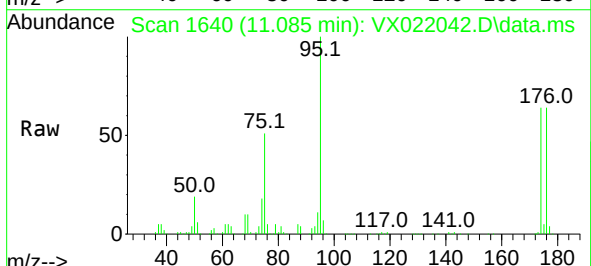
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-EB-20210513

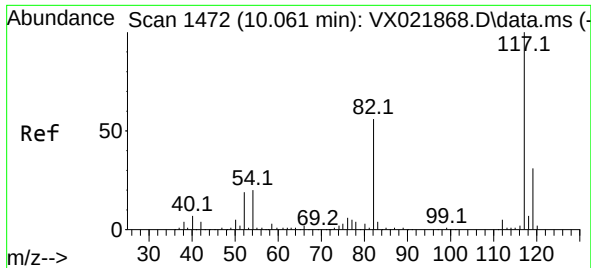
Tgt Ion: 43 Resp: 1004
Ion Ratio Lower Upper
43 100
58 192.7 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 51.94 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022042.D
Acq: 17 May 2021 19:22

Tgt Ion: 95 Resp: 87593
Ion Ratio Lower Upper
95 100
174 65.1 0.0 154.6
176 63.4 0.0 155.8

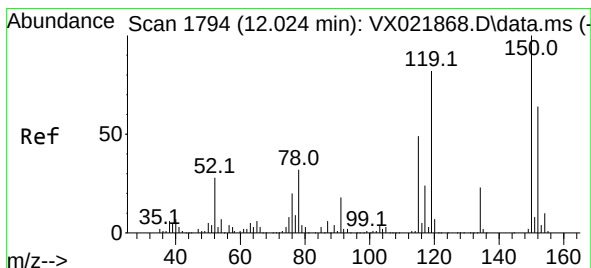
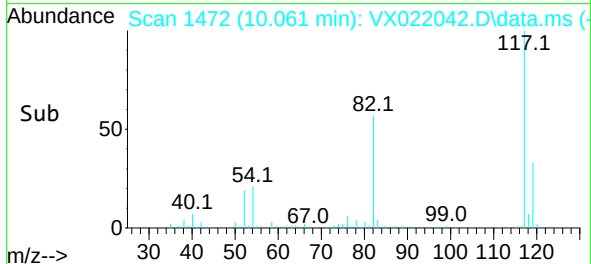
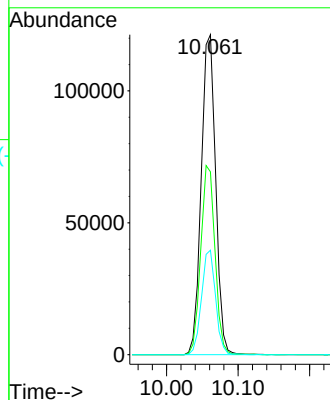
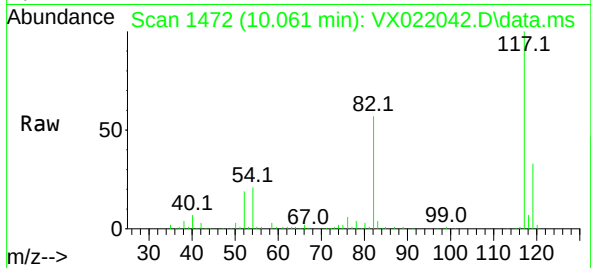




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022042.D
Acq: 17 May 2021 19:22

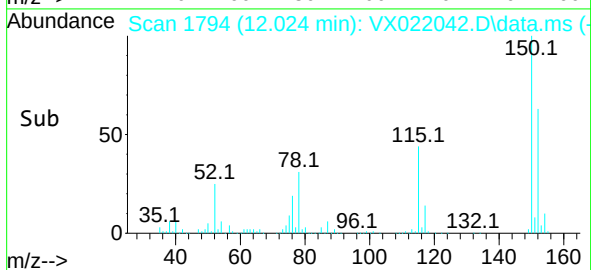
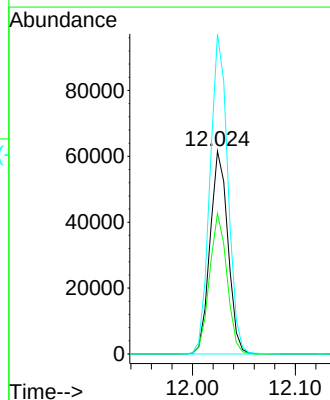
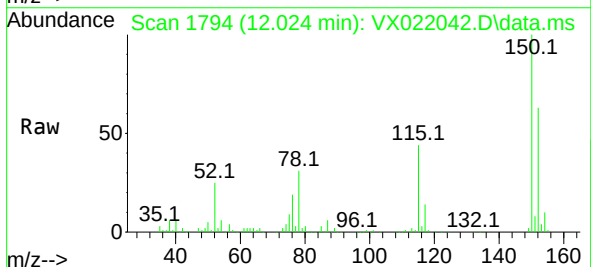
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-EB-20210513

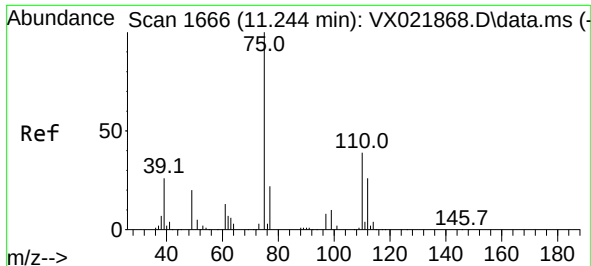
Tgt Ion:117 Resp: 169774
Ion Ratio Lower Upper
117 100
82 57.2 47.4 71.2
119 32.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022042.D
Acq: 17 May 2021 19:22

Tgt Ion:152 Resp: 74224
Ion Ratio Lower Upper
152 100
115 67.7 41.1 123.3
150 157.6 0.0 349.0

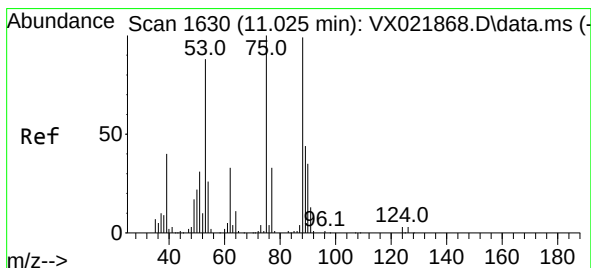
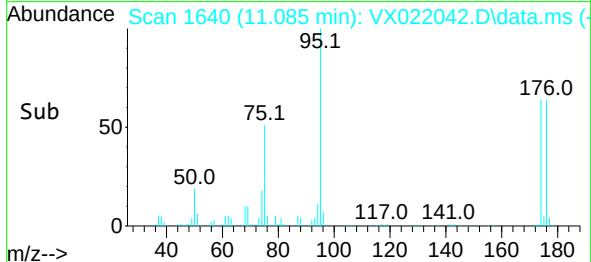
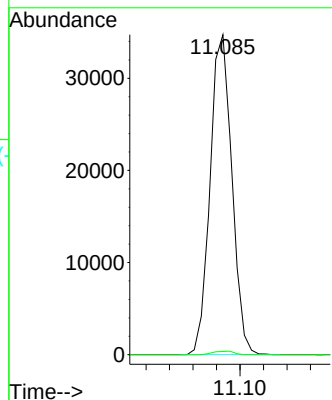
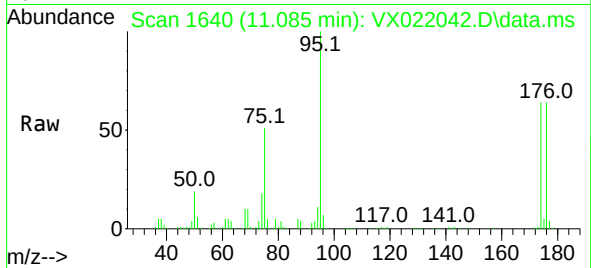




#76
1,2,3-Trichloropropane
Concen: 21.21 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022042.D
Acq: 17 May 2021 19:22

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-EB-20210513

Tgt Ion: 75 Resp: 44756
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 49.20 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022042.D
Acq: 17 May 2021 19:22

Tgt Ion: 75 Resp: 44756
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

