

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051821\
 Data File : VX022041.D
 Acq On : 17 May 2021 18:59
 Operator : JC/MD
 Sample : M2411-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW8-TB-20210510

Quant Time: May 18 02:22:05 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)

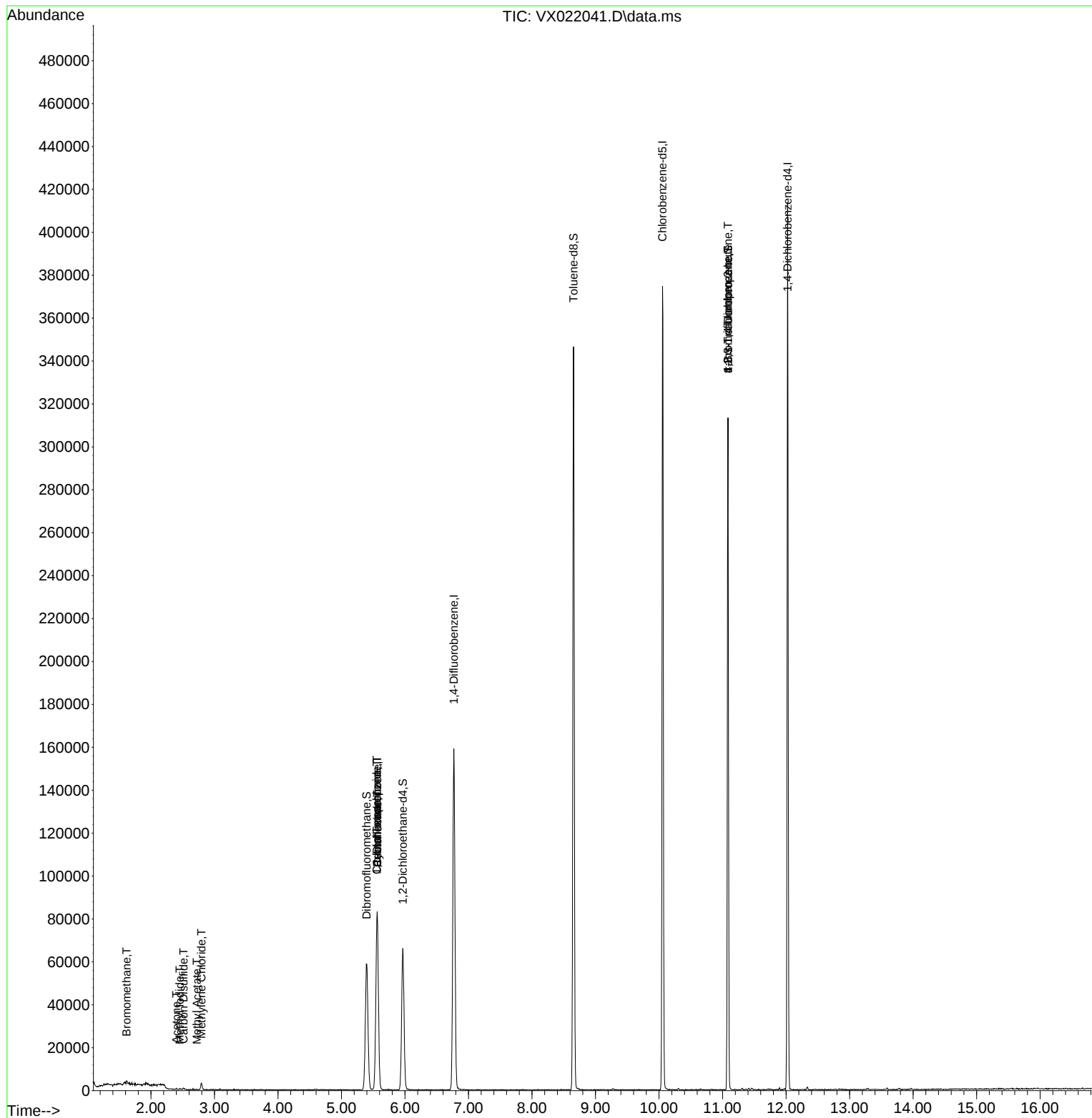
Internal Standards						
1) Pentafluorobenzene	5.562	168	71974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	160912	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	166227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73102	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	60135	50.77	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	101.54%		
35) Dibromofluoromethane	5.397	113	51109	46.35	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.70%		
50) Toluene-d8	8.653	98	204088	48.50	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.00%		
62) 4-Bromofluorobenzene	11.085	95	86679	52.19	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.38%		
Target Compounds						Qvalue
5) Bromomethane	1.618	94	223	0.47	ug/l	80
10) Methyl Iodide	2.453	142	441	0.40	ug/l #	54
13) Acrolein	2.209	56	110	Below Cal	#	14
16) Acetone	2.398	43	597	1.12	ug/l #	75
17) Carbon Disulfide	2.514	76	813	0.30	ug/l	98
18) Methyl Acetate	2.721	43	319	0.22	ug/l #	47
20) Methylene Chloride	2.794	84	1319	1.35	ug/l #	90
31) Cyclohexane	5.562	56	1831	1.17	ug/l #	24
36) 1,1-Dichloropropene	5.556	75	7205	4.22	ug/l #	47
38) Carbon Tetrachloride	5.556	117	7944	4.66	ug/l #	17
76) 1,2,3-Trichloropropane	11.085	75	43968	21.16	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	43968	49.07	ug/l #	12

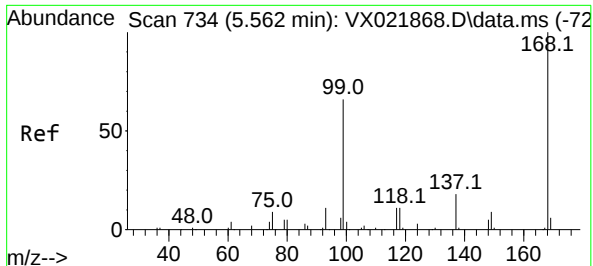
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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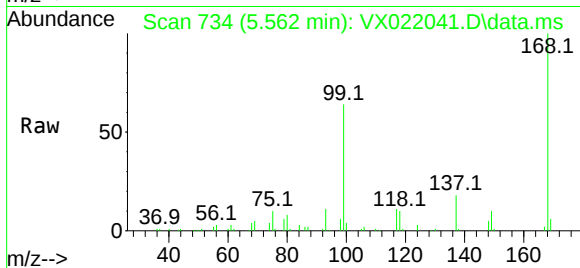
Quant Time: May 18 02:22:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
Quant Title : SW846 8260
QLast Update : Sat May 08 05:38:18 2021
Response via : Initial Calibration



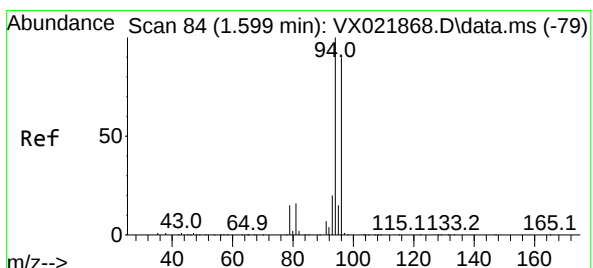
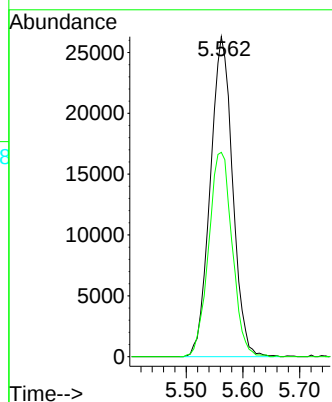
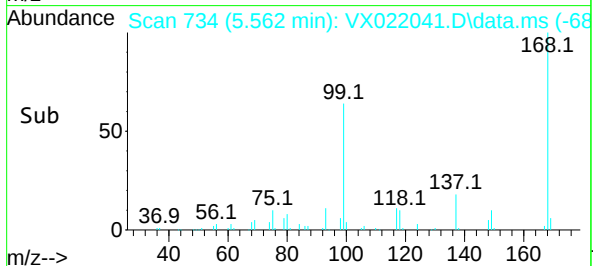


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022041.D
Acq: 17 May 2021 18:59

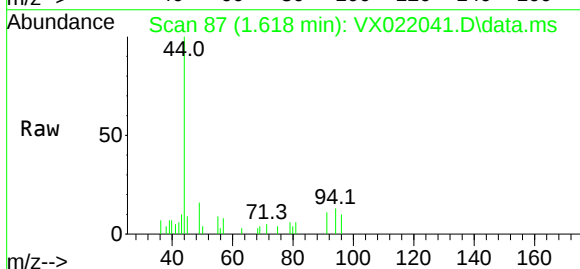
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-TB-20210510



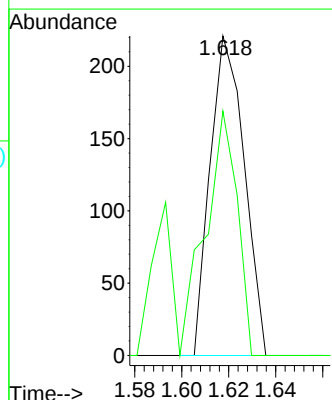
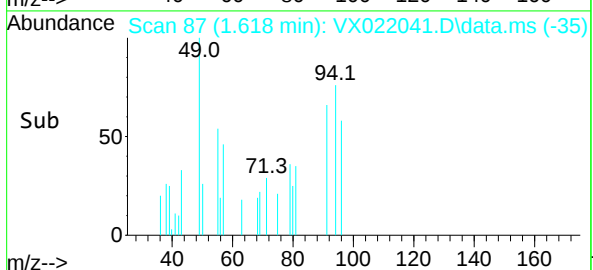
Tgt Ion:168 Resp: 71974
Ion Ratio Lower Upper
168 100
99 63.8 45.8 68.6

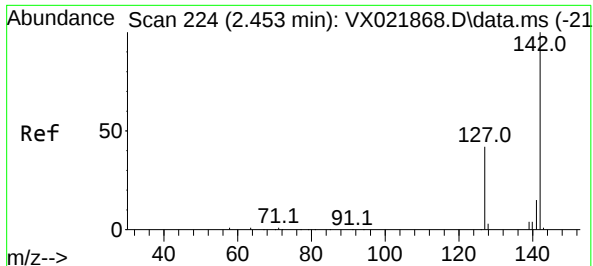


#5
Bromomethane
Concen: 0.47 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX022041.D
Acq: 17 May 2021 18:59



Tgt Ion: 94 Resp: 223
Ion Ratio Lower Upper
94 100
96 76.5 76.4 114.6

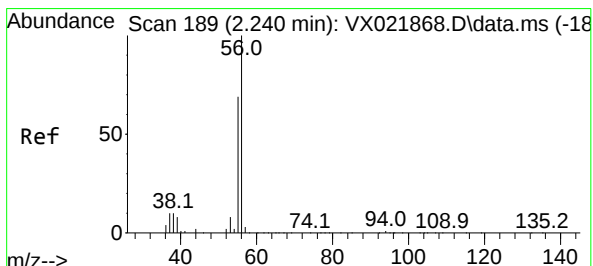
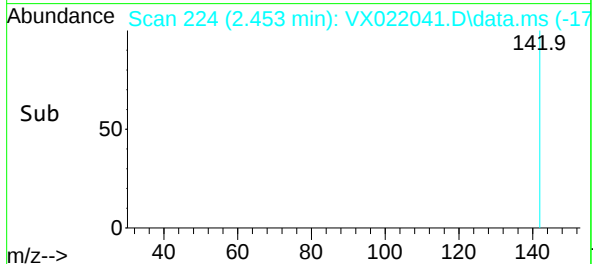
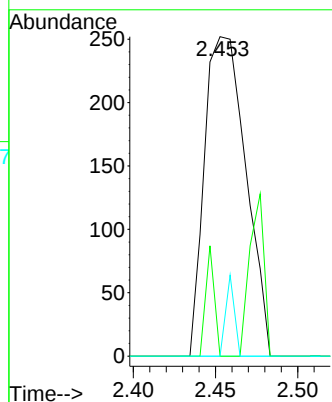
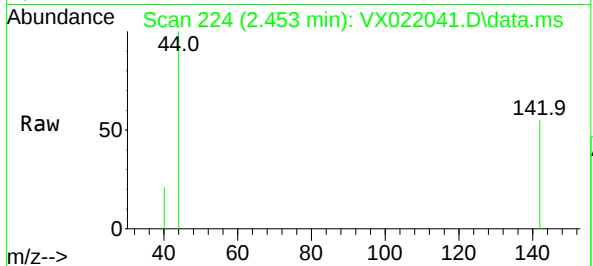




#10
Methyl Iodide
Concen: 0.40 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX022041.D
Acq: 17 May 2021 18:59

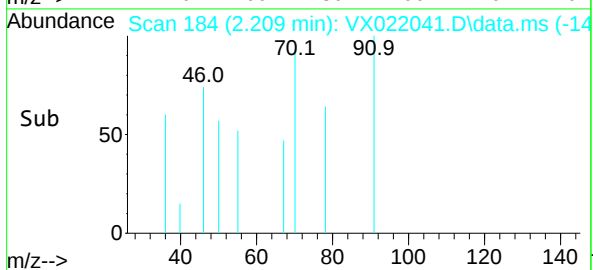
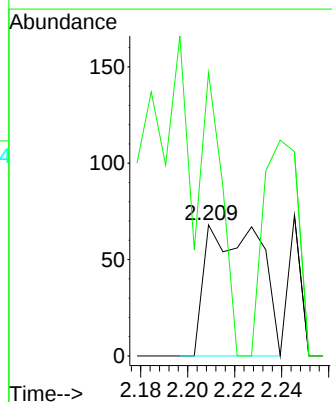
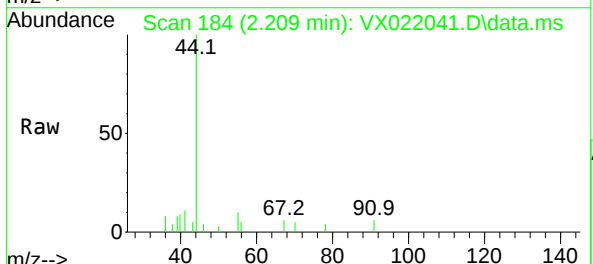
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-TB-20210510

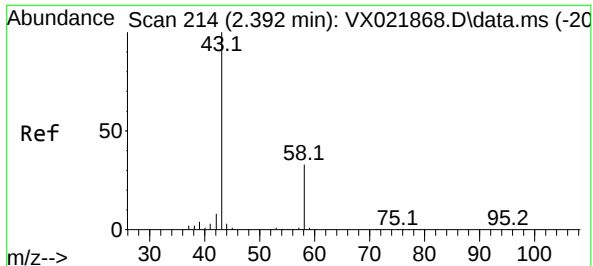
Tgt Ion:142	Resp:	441
Ion	Ratio	Lower Upper
142	100	
127	7.3	33.3 49.9#
141	5.2	11.4 17.0#



#13
Acrolein
Concen: Below Cal
RT: 2.209 min Scan# 184
Delta R.T. -0.031 min
Lab File: VX022041.D
Acq: 17 May 2021 18:59

Tgt Ion: 56	Resp:	110
Ion	Ratio	Lower Upper
56	100	
55	0.0	56.4 84.6#

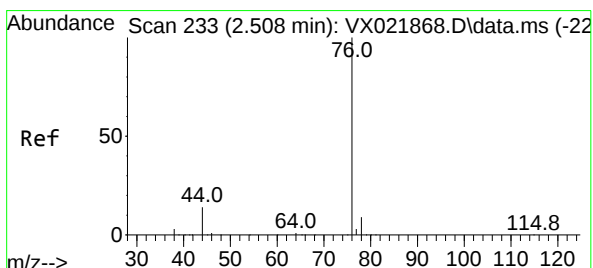
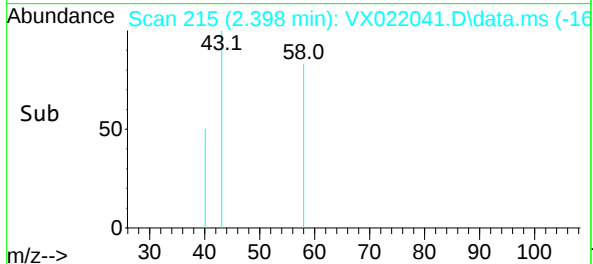
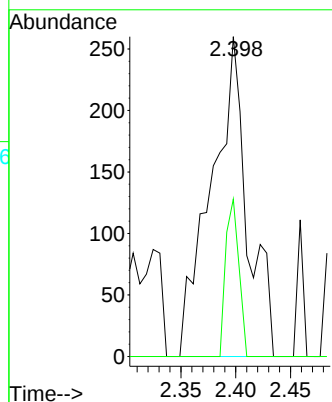
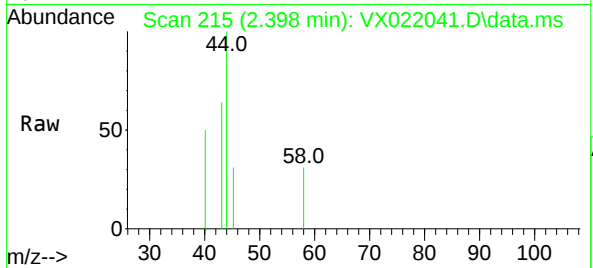




#16
Acetone
Concen: 1.12 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX022041.D
Acq: 17 May 2021 18:59

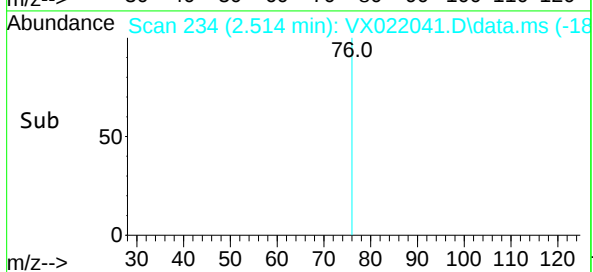
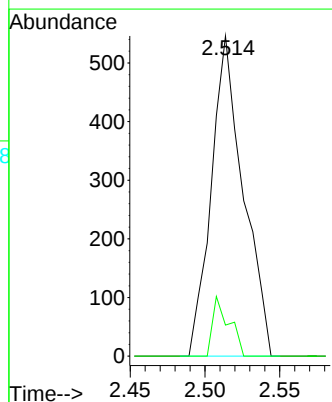
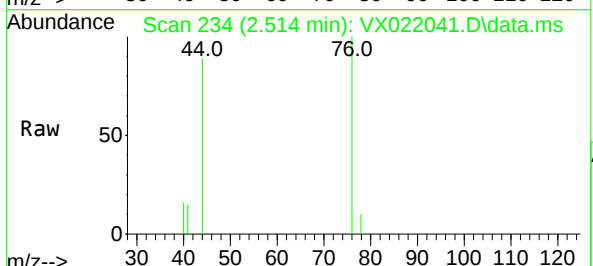
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-TB-20210510

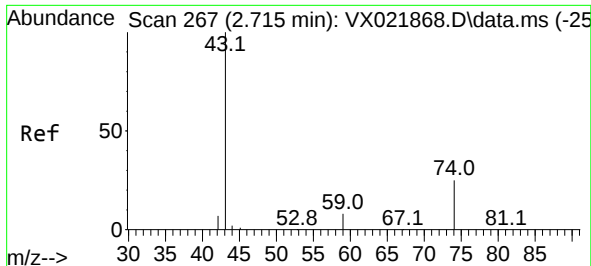
Tgt Ion: 43 Resp: 597
Ion Ratio Lower Upper
43 100
58 49.2 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.30 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX022041.D
Acq: 17 May 2021 18:59

Tgt Ion: 76 Resp: 813
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8

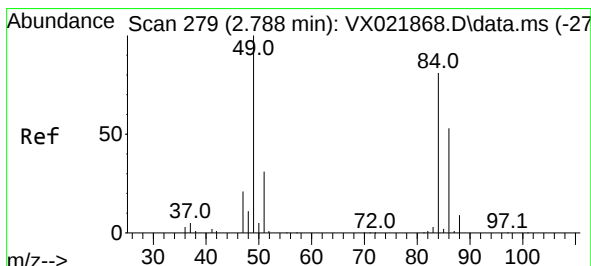
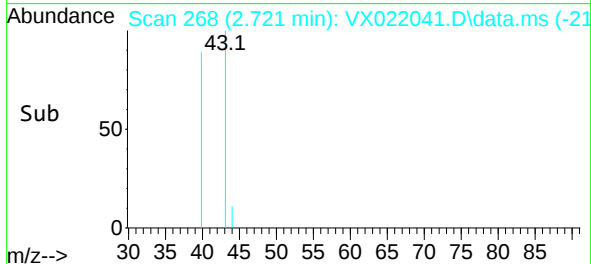
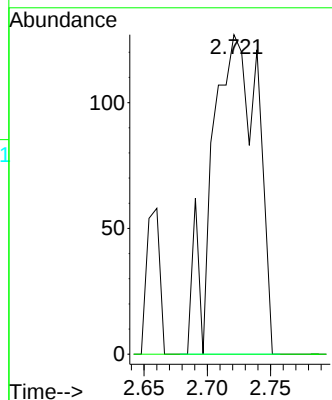
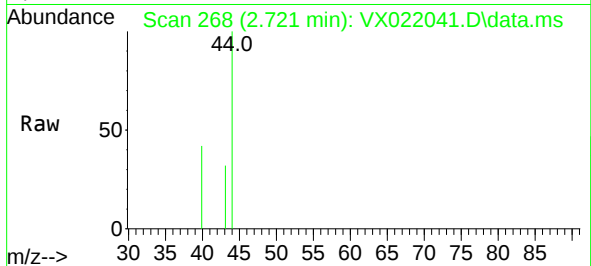




#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.006 min
Lab File: VX022041.D
Acq: 17 May 2021 18:59

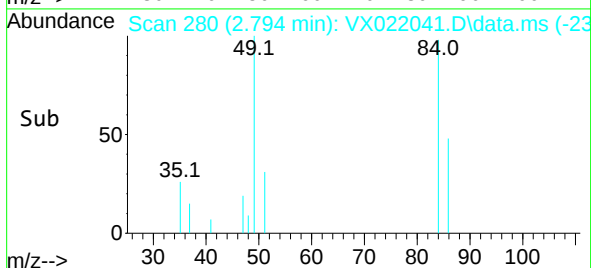
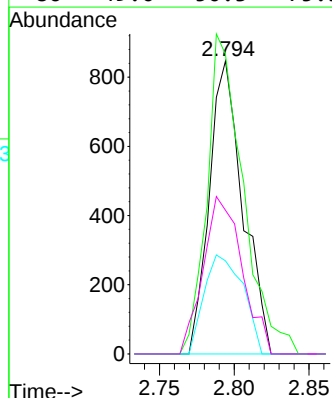
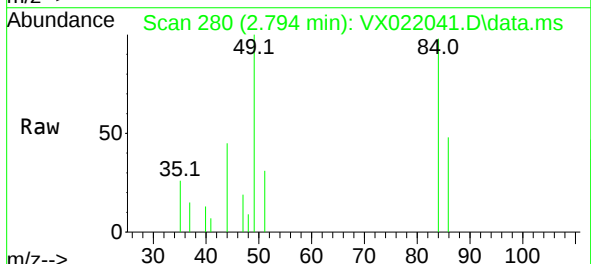
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-TB-20210510

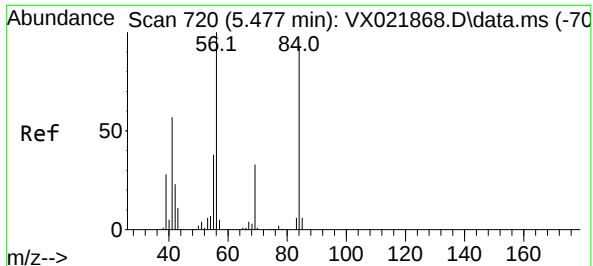
Tgt Ion: 43 Resp: 319
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 1.35 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX022041.D
Acq: 17 May 2021 18:59

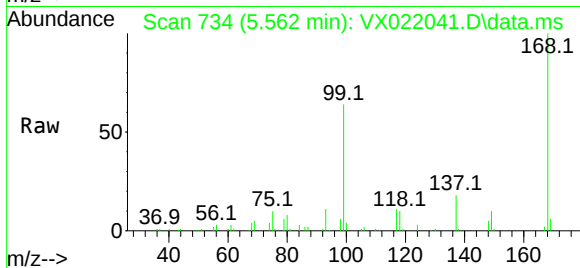
Tgt Ion: 84 Resp: 1319
Ion Ratio Lower Upper
84 100
49 102.2 88.6 132.8
51 31.8 27.0 40.6
86 49.0 50.3 75.5#



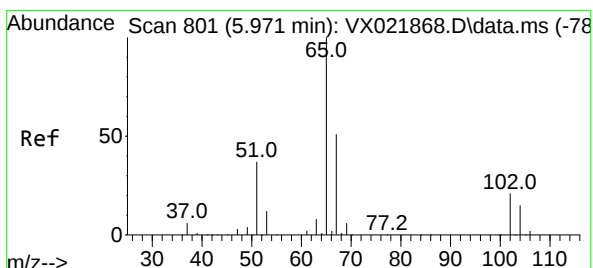
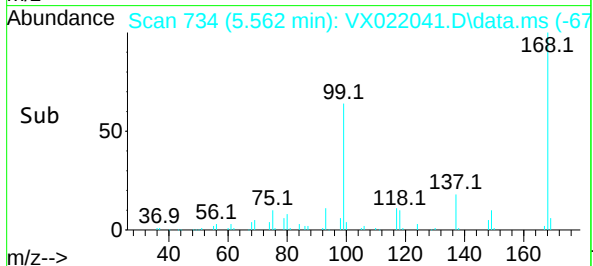
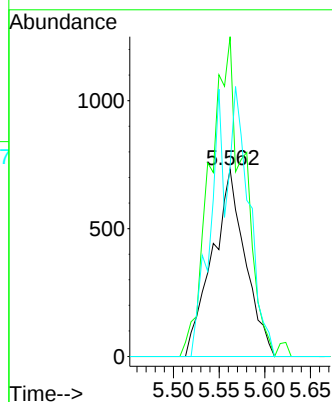


#31
Cyclohexane
Concen: 1.17 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX022041.D
Acq: 17 May 2021 18:59

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-TB-20210510

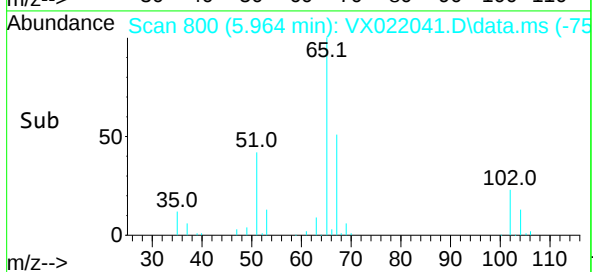
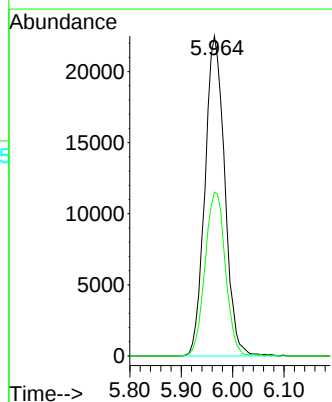
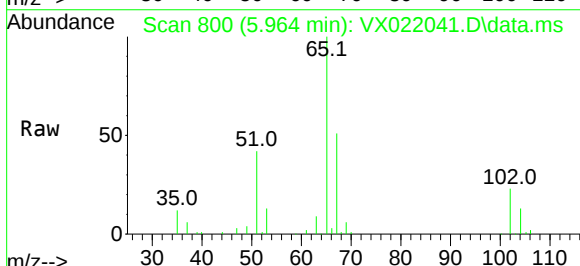


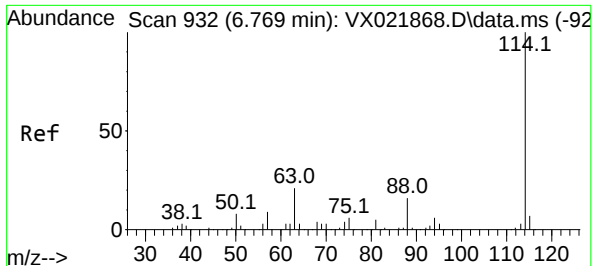
Tgt Ion: 56 Resp: 1831
Ion Ratio Lower Upper
56 100
69 171.0 25.3 37.9#
84 101.9 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 50.77 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX022041.D
Acq: 17 May 2021 18:59

Tgt Ion: 65 Resp: 60135
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.4

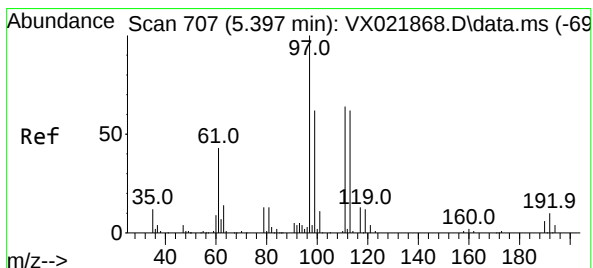
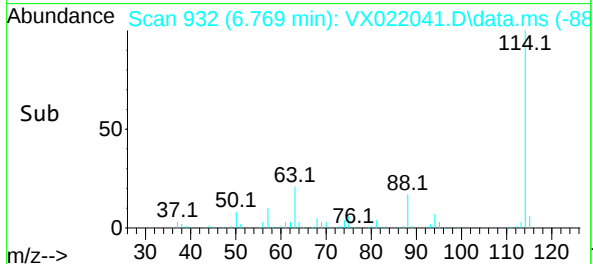
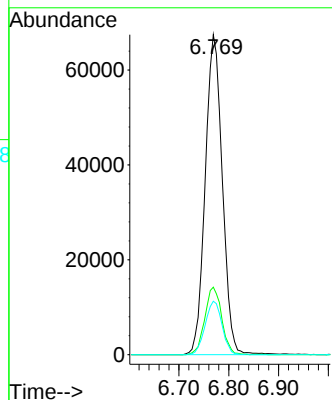
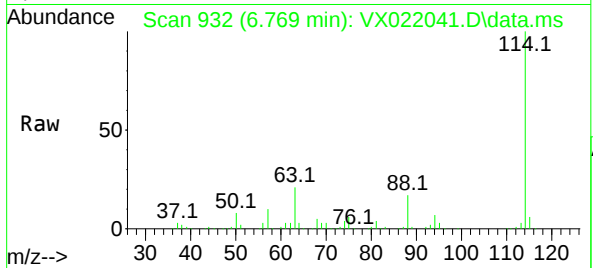




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022041.D
Acq: 17 May 2021 18:59

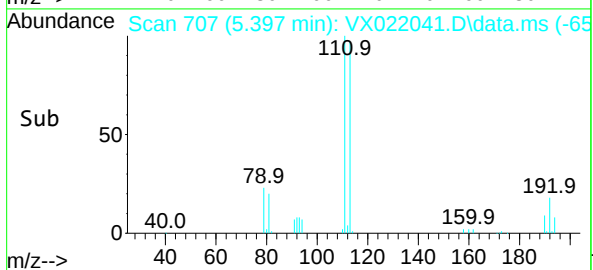
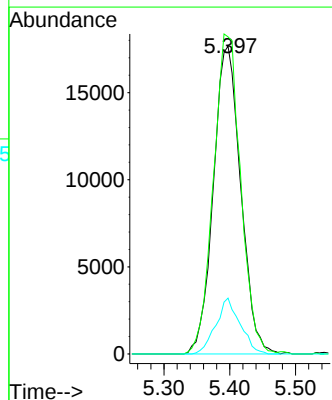
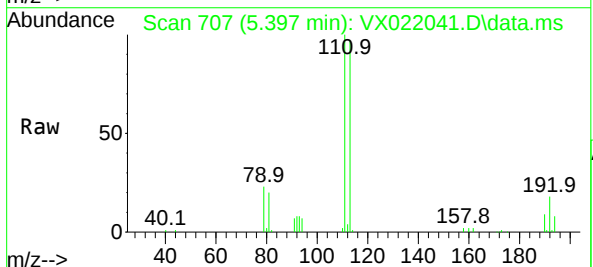
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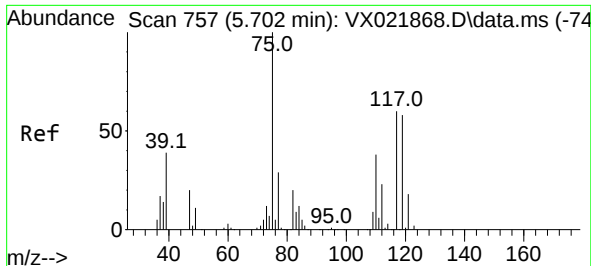
Tgt Ion:114 Resp: 160912
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.8
88 16.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.35 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX022041.D
Acq: 17 May 2021 18:59

Tgt Ion:113 Resp: 51109
Ion Ratio Lower Upper
113 100
111 103.7 81.9 122.9
192 16.1 16.7 25.1#

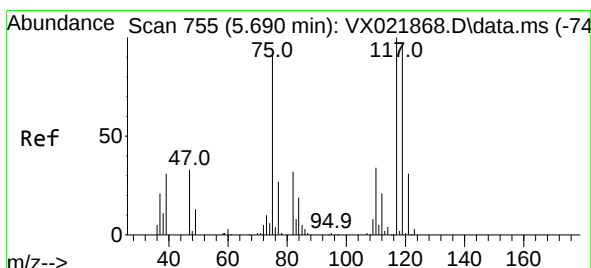
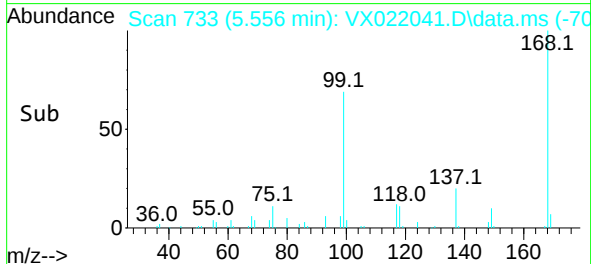
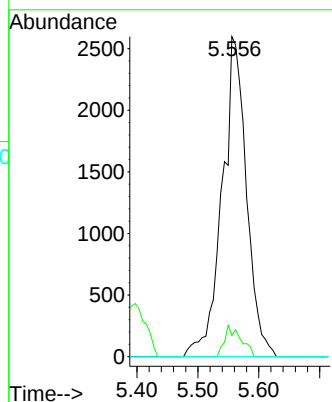
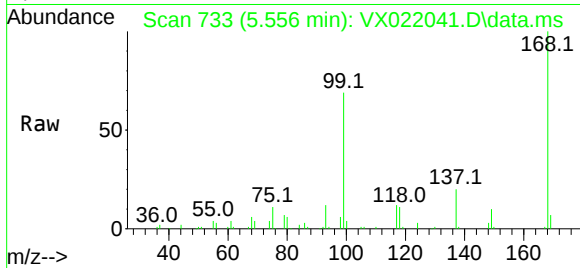




#36
1,1-Dichloropropene
Concen: 4.22 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022041.D
Acq: 17 May 2021 18:59

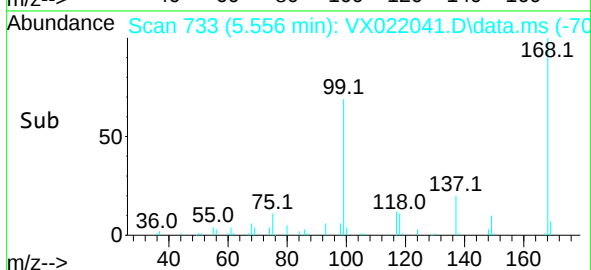
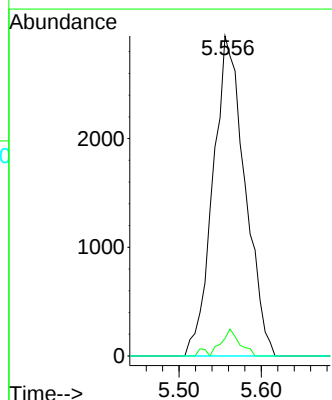
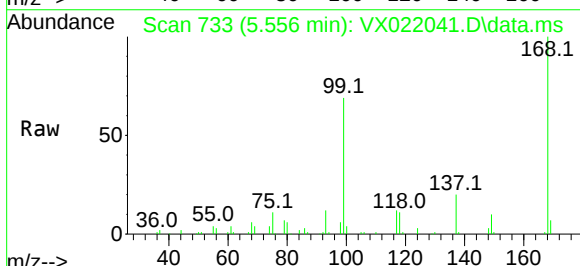
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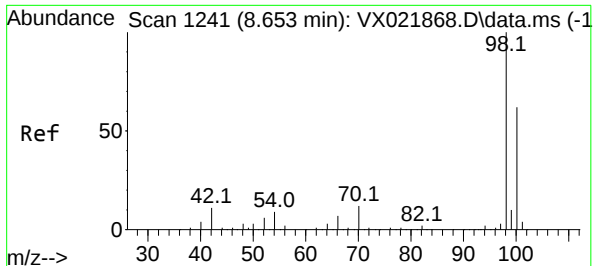
Tgt Ion: 75 Resp: 7205
Ion Ratio Lower Upper
75 100
110 6.5 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 4.66 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022041.D
Acq: 17 May 2021 18:59

Tgt Ion: 117 Resp: 7944
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.2#
121 0.0 24.8 37.2#

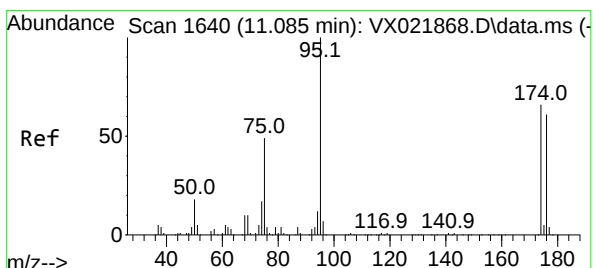
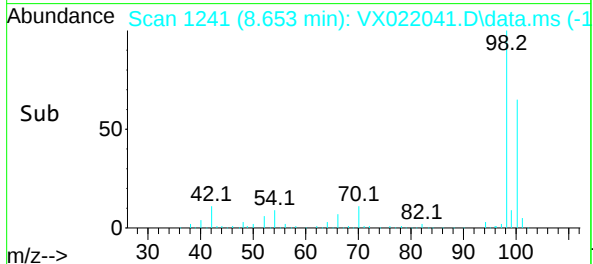
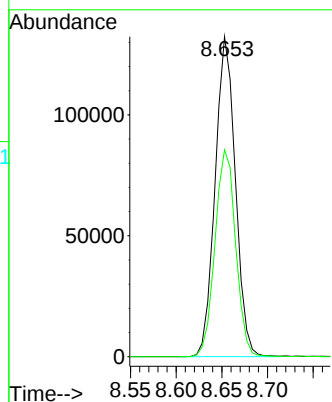
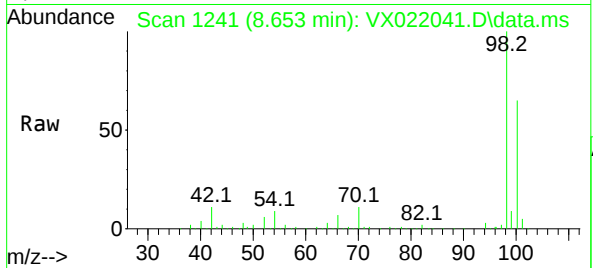




#50
Toluene-d8
Concen: 48.50 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022041.D
Acq: 17 May 2021 18:59

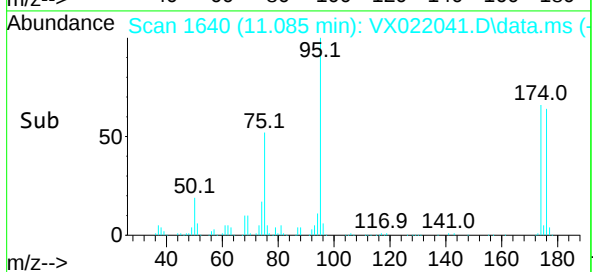
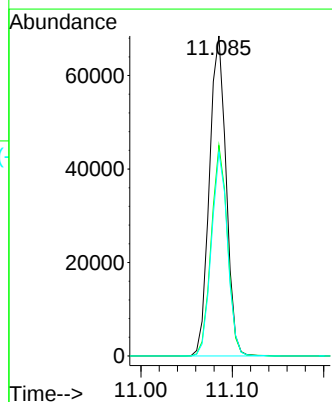
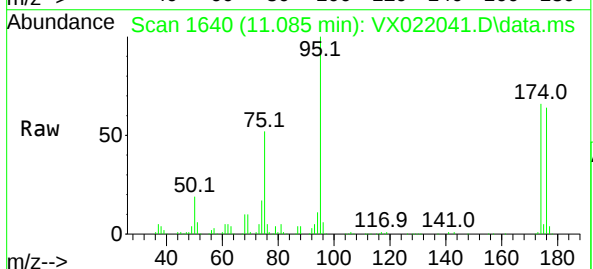
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-TB-20210510

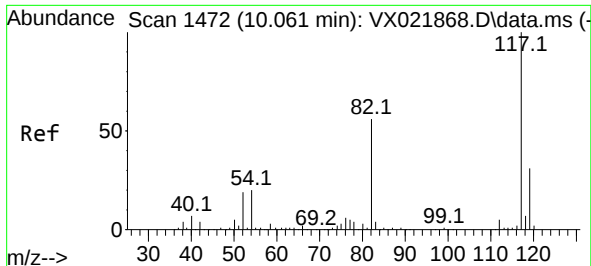
Tgt Ion: 98 Resp: 204088
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 52.19 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022041.D
Acq: 17 May 2021 18:59

Tgt Ion: 95 Resp: 86679
Ion Ratio Lower Upper
95 100
174 63.9 0.0 154.6
176 61.5 0.0 155.8

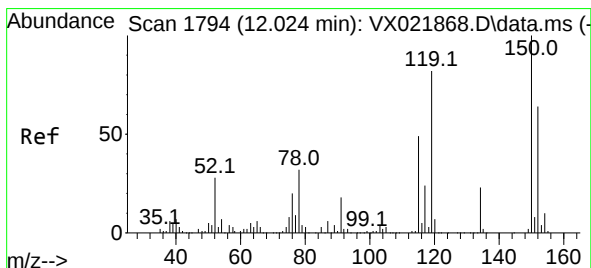
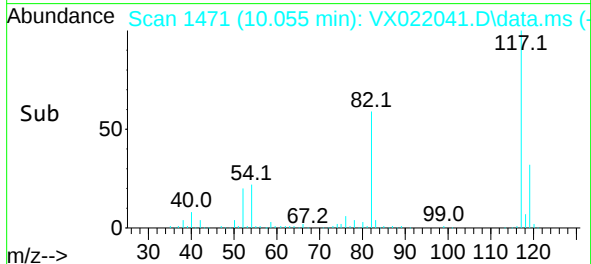
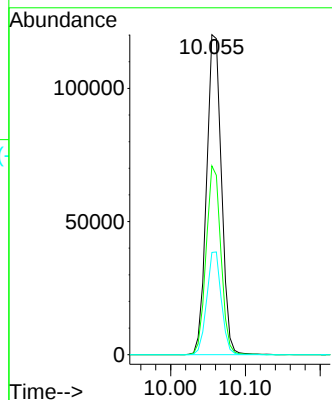
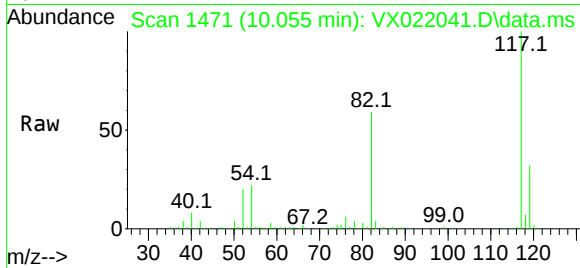




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022041.D
Acq: 17 May 2021 18:59

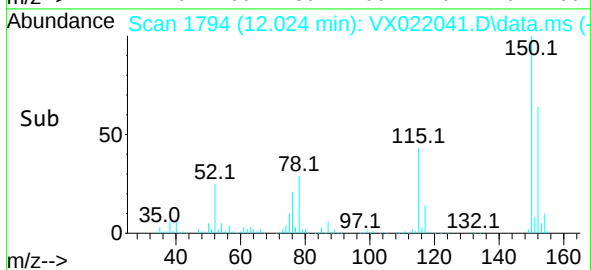
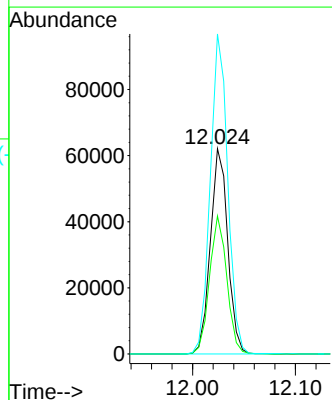
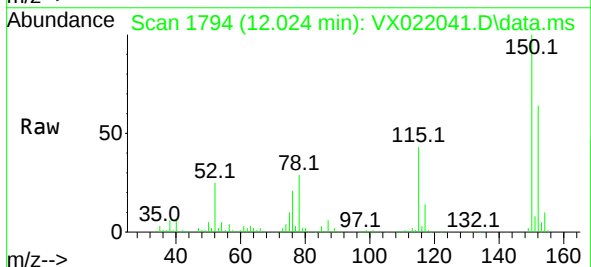
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-TB-20210510

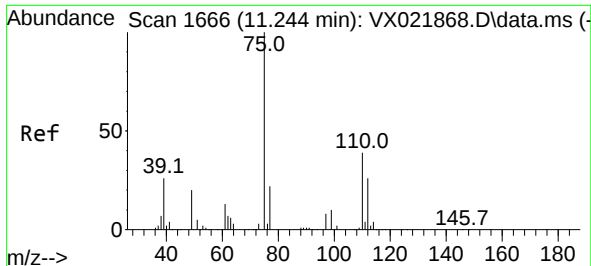
Tgt Ion:117 Resp: 166227
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.2
119 31.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022041.D
Acq: 17 May 2021 18:59

Tgt Ion:152 Resp: 73102
Ion Ratio Lower Upper
152 100
115 66.9 41.1 123.3
150 156.8 0.0 349.0

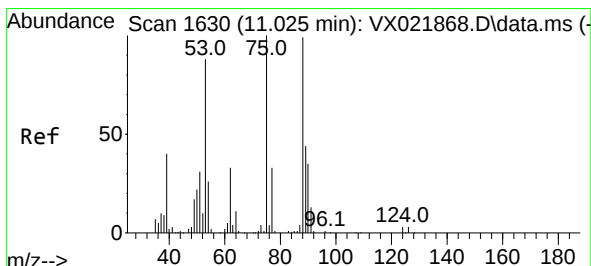
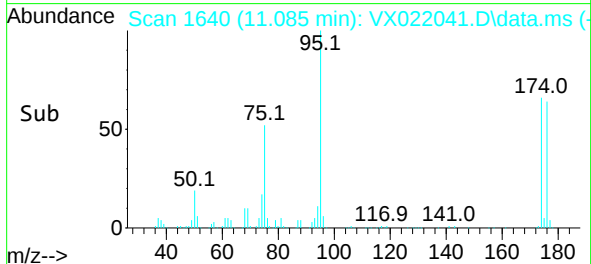
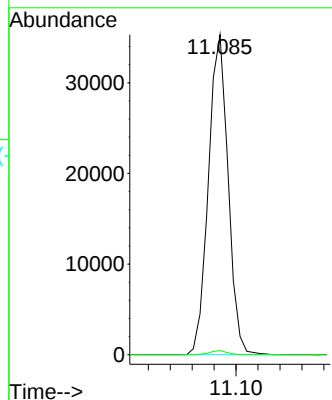
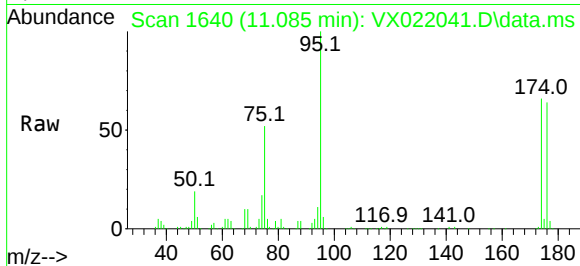




#76
1,2,3-Trichloropropane
Concen: 21.16 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022041.D
Acq: 17 May 2021 18:59

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-TB-20210510

Tgt Ion: 75 Resp: 43968
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 49.07 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022041.D
Acq: 17 May 2021 18:59

Tgt Ion: 75 Resp: 43968
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

