

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051821\
 Data File : VX022047.D
 Acq On : 17 May 2021 21:18
 Operator : JC/MD
 Sample : M2411-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW8-GW-778-780

Quant Time: May 18 02:23:42 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)

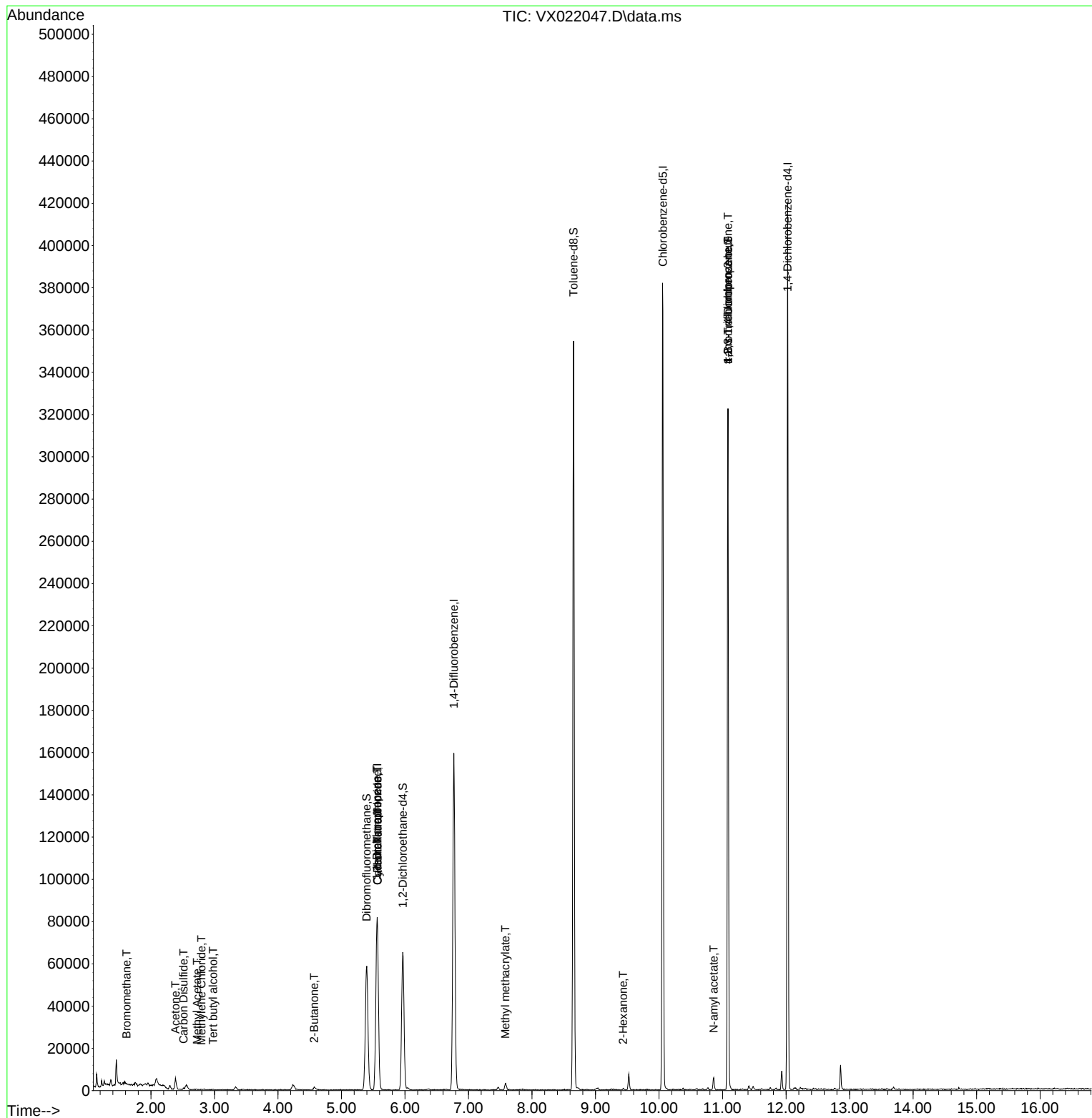
Internal Standards						
1) Pentafluorobenzene	5.562	168	71858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	159129	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	169740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75998	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	59350	50.19	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery	=	100.38%	
35) Dibromofluoromethane	5.397	113	50727	46.52	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	=	93.04%	
50) Toluene-d8	8.653	98	204488	49.14	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery	=	98.28%	
62) 4-Bromofluorobenzene	11.085	95	89438	54.46	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	=	108.92%	
Target Compounds						
						Qvalue
5) Bromomethane	1.618	94	116	0.24	ug/l #	75
11) Tert butyl alcohol	2.977	59	156	0.49	ug/l #	73
13) Acrolein	2.239	56	173	Below Cal		99
16) Acetone	2.386	43	5168	9.74	ug/l	91
17) Carbon Disulfide	2.514	76	846	0.31	ug/l #	75
18) Methyl Acetate	2.727	43	381	0.26	ug/l #	47
20) Methylene Chloride	2.794	84	101	0.24	ug/l #	55
25) 2-Butanone	4.568	43	1979	2.17	ug/l	98
31) Cyclohexane	5.568	56	1869	1.20	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6309	3.74	ug/l #	48
38) Carbon Tetrachloride	5.568	117	7968	4.72	ug/l #	14
48) Methyl methacrylate	7.580	41	1025	0.65	ug/l #	34
59) 2-Hexanone	9.433	43	476	0.29	ug/l	86
74) N-amyl acetate	10.860	43	837	0.23	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	45542	21.08	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	45542	48.89	ug/l #	12

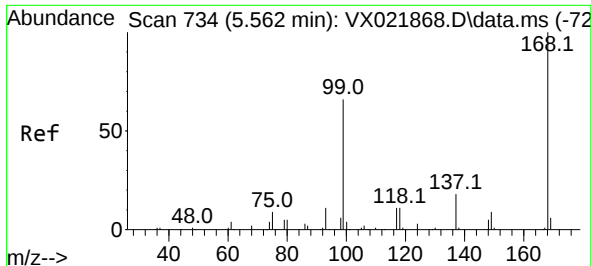
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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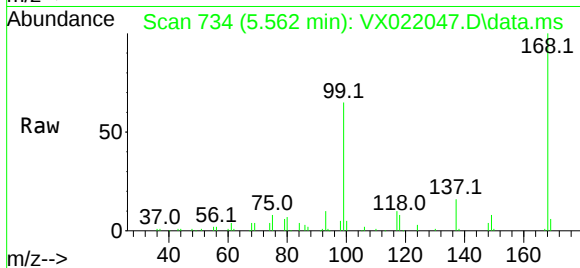
Quant Time: May 18 02:23:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
Quant Title : SW846 8260
QLast Update : Sat May 08 05:38:18 2021
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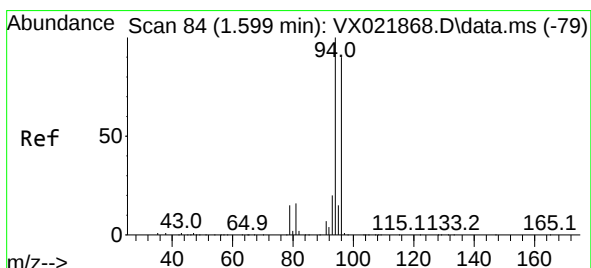
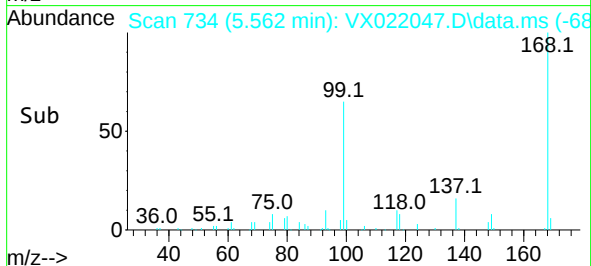
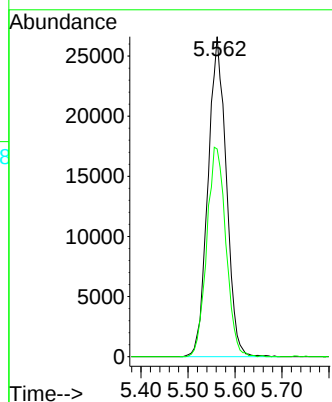


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022047.D
Acq: 17 May 2021 21:18

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-778-780

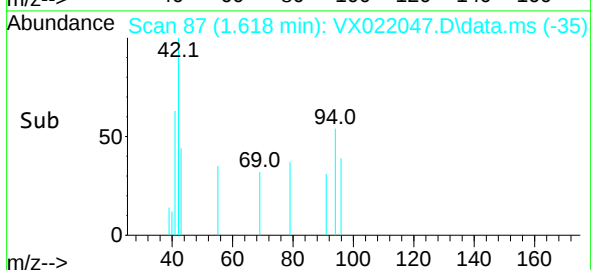
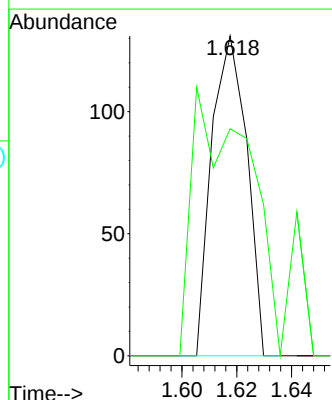
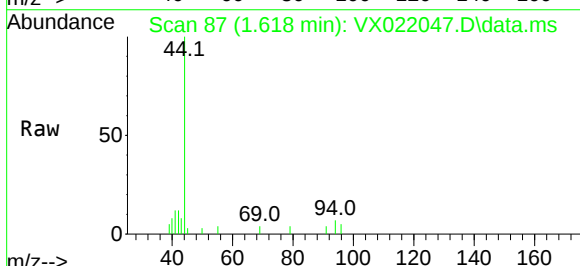


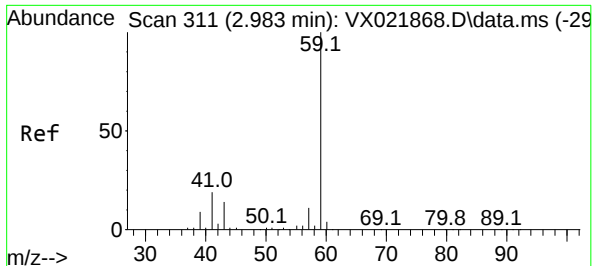
Tgt Ion:168 Resp: 71858
Ion Ratio Lower Upper
168 100
99 64.9 45.8 68.6



#5
Bromomethane
Concen: 0.24 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX022047.D
Acq: 17 May 2021 21:18

Tgt Ion: 94 Resp: 116
Ion Ratio Lower Upper
94 100
96 71.0 76.4 114.6#



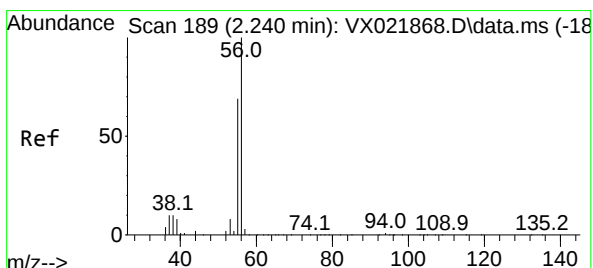
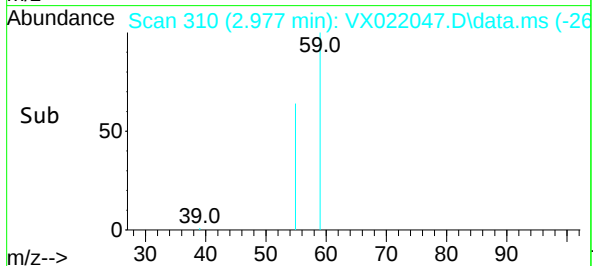
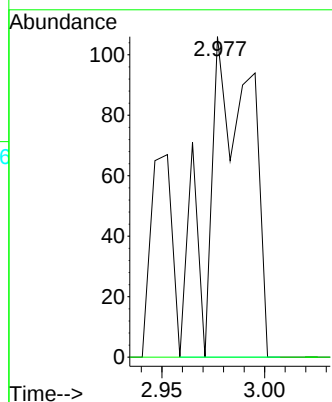
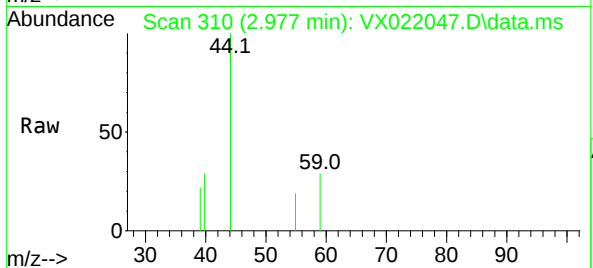


#11

Tert butyl alcohol
Concen: 0.49 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX022047.D
Acq: 17 May 2021 21:18

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-778-780

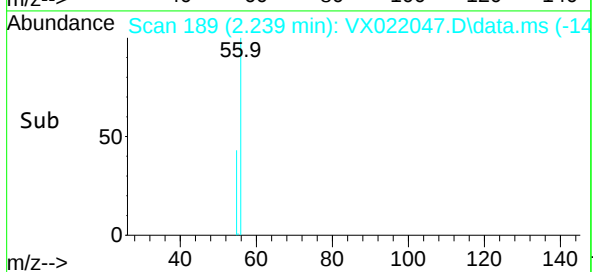
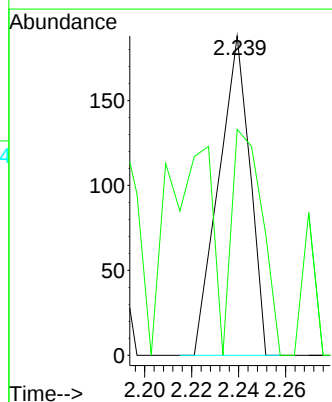
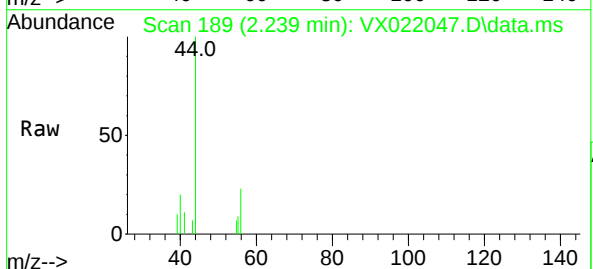
Tgt Ion: 59 Resp: 156
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

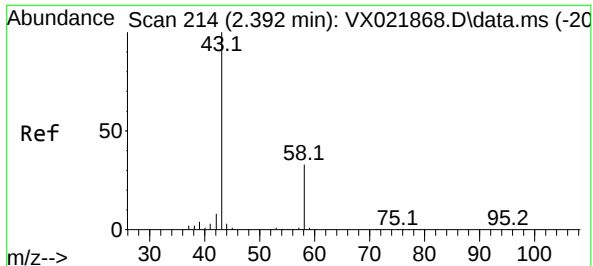


#13

Acrolein
Concen: Below Cal
RT: 2.239 min Scan# 189
Delta R.T. -0.001 min
Lab File: VX022047.D
Acq: 17 May 2021 21:18

Tgt Ion: 56 Resp: 173
Ion Ratio Lower Upper
56 100
55 69.4 56.4 84.6

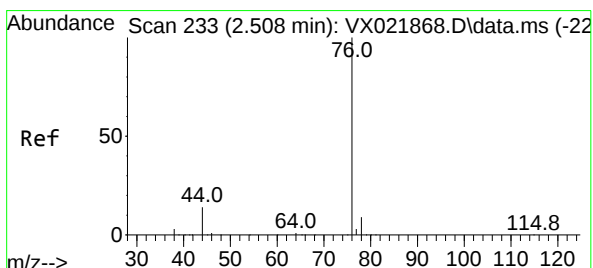
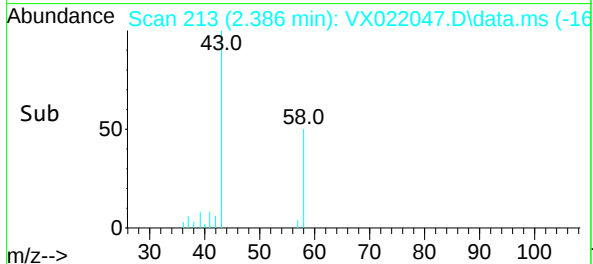
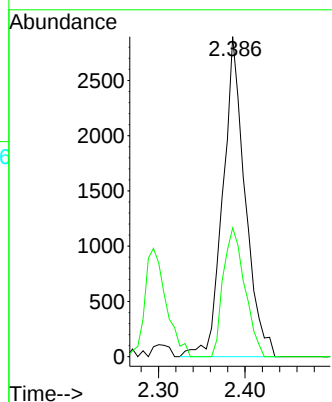
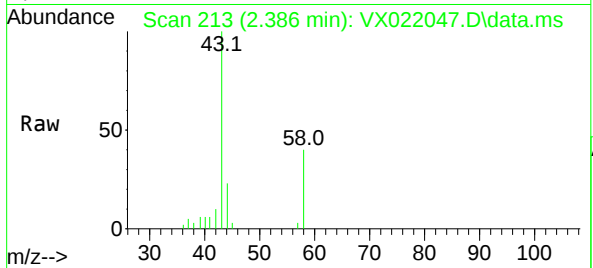




#16
Acetone
Concen: 9.74 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022047.D
Acq: 17 May 2021 21:18

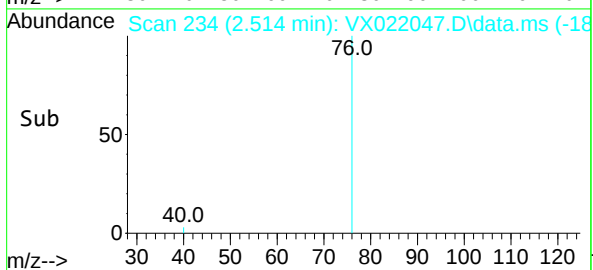
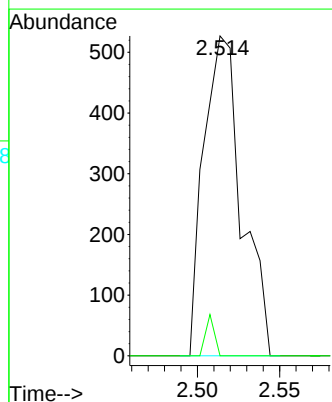
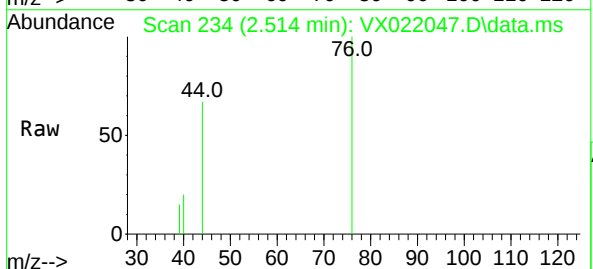
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-778-780

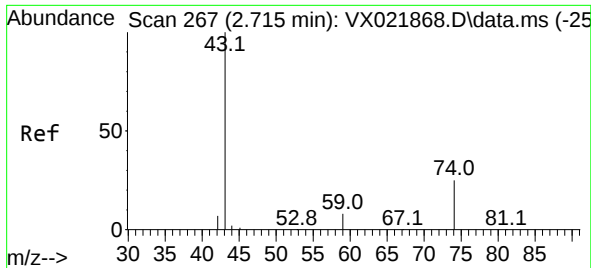
Tgt Ion: 43 Resp: 5168
Ion Ratio Lower Upper
43 100
58 40.3 27.8 41.8



#17
Carbon Disulfide
Concen: 0.31 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX022047.D
Acq: 17 May 2021 21:18

Tgt Ion: 76 Resp: 846
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

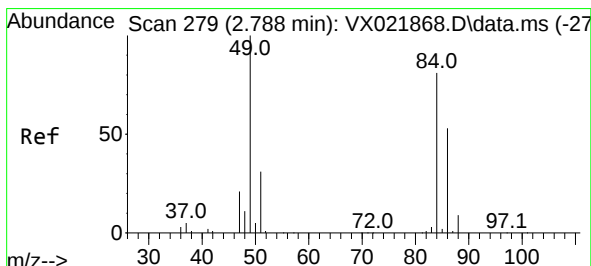
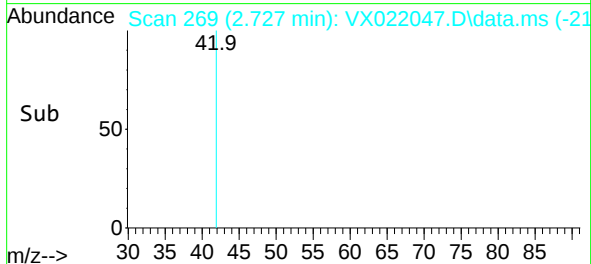
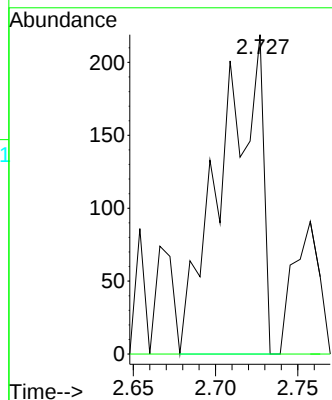
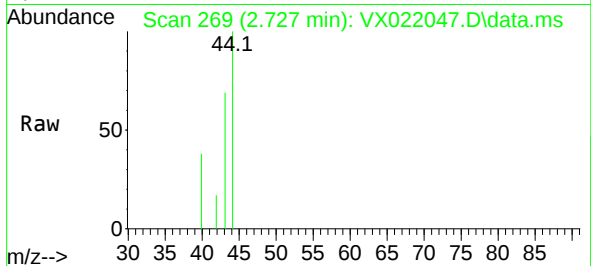




#18
Methyl Acetate
Concen: 0.26 ug/l
RT: 2.727 min Scan# 269
Delta R.T. 0.012 min
Lab File: VX022047.D
Acq: 17 May 2021 21:18

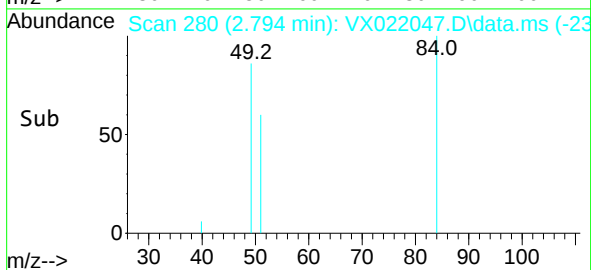
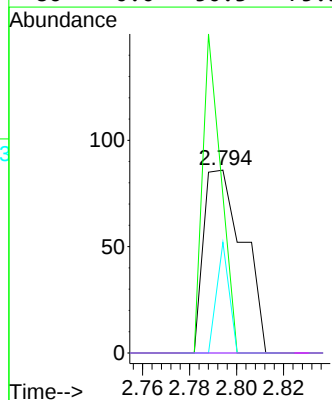
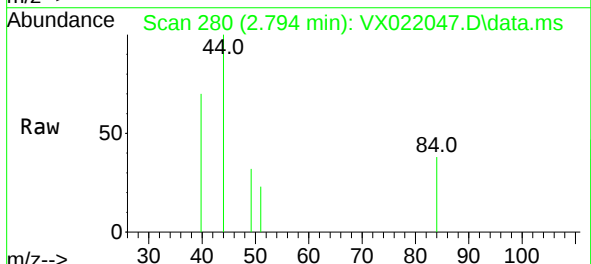
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-778-780

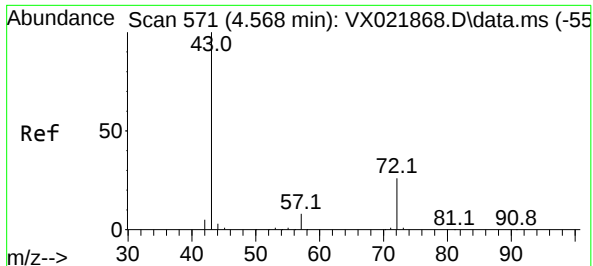
Tgt Ion: 43 Resp: 381
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.24 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX022047.D
Acq: 17 May 2021 21:18

Tgt Ion: 84 Resp: 101
Ion Ratio Lower Upper
84 100
49 86.0 88.6 132.8#
51 60.5 27.0 40.6#
86 0.0 50.3 75.5#

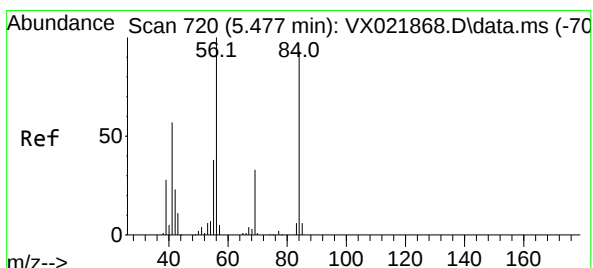
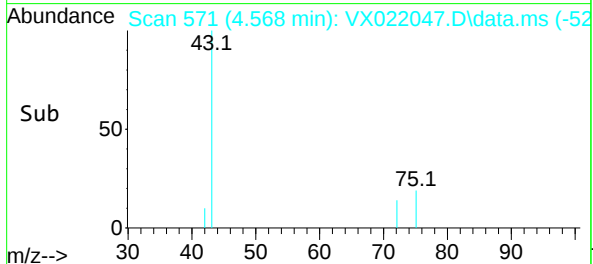
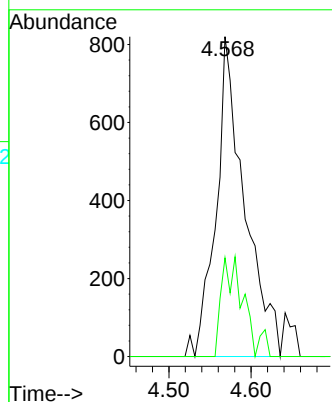
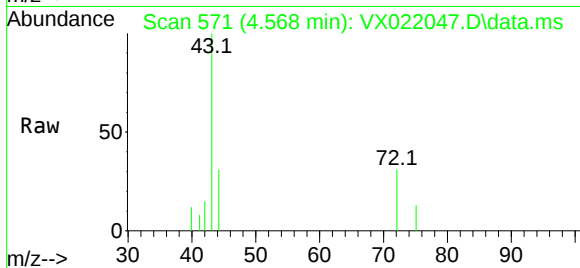




#25
2-Butanone
Concen: 2.17 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX022047.D
Acq: 17 May 2021 21:18

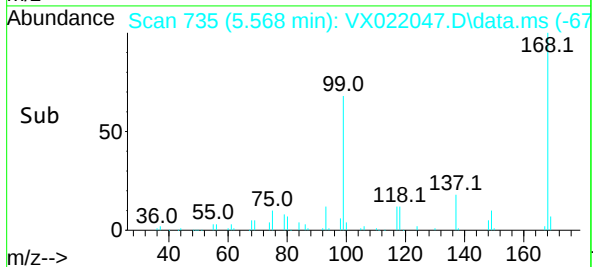
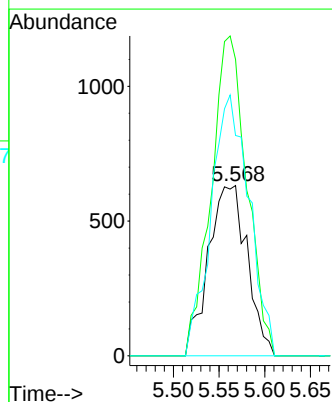
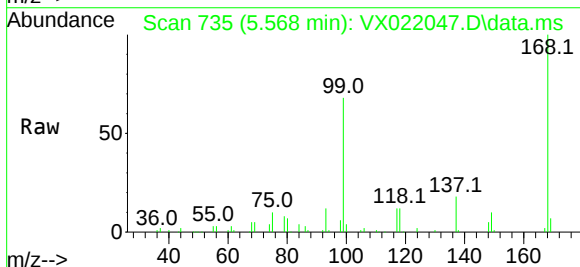
Instrument :
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ClientSampleId :
BP-VPB-RW8-GW-778-780

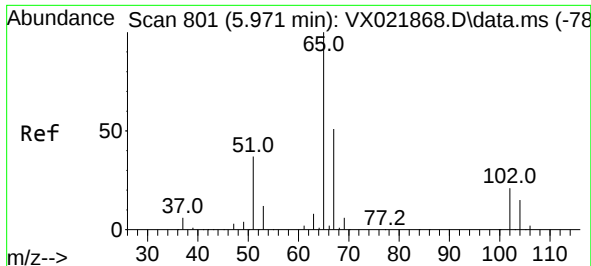
Tgt Ion: 43 Resp: 1979
Ion Ratio Lower Upper
43 100
72 30.9 23.7 35.5



#31
Cyclohexane
Concen: 1.20 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX022047.D
Acq: 17 May 2021 21:18

Tgt Ion: 56 Resp: 1869
Ion Ratio Lower Upper
56 100
69 174.1 25.3 37.9#
84 129.4 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.19 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.007 min

Lab File: VX022047.D

Acq: 17 May 2021 21:18

Tgt Ion: 65 Resp: 59350

Ion Ratio Lower Upper

65 100

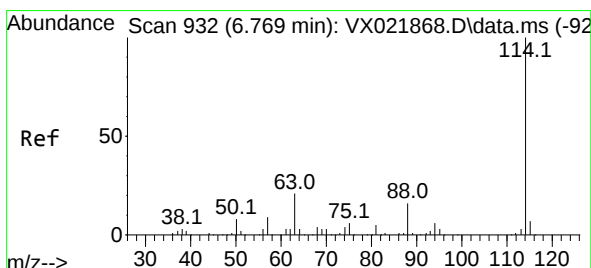
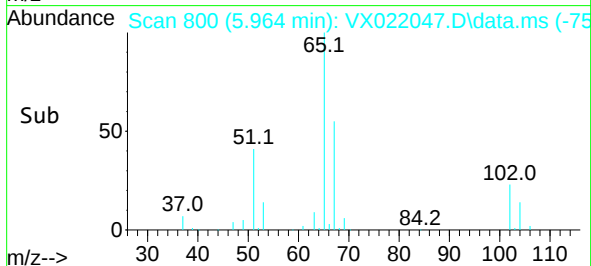
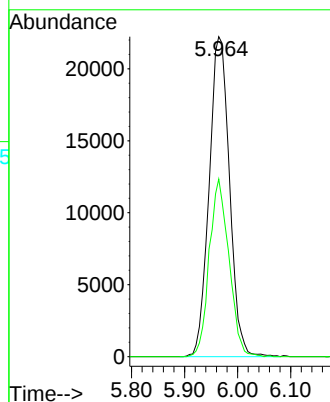
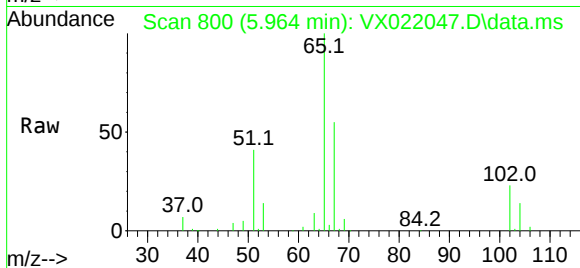
67 53.6 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW8-GW-778-780



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX022047.D

Acq: 17 May 2021 21:18

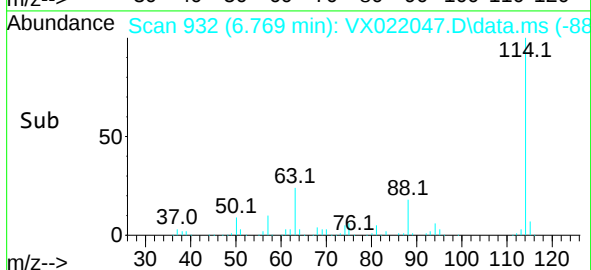
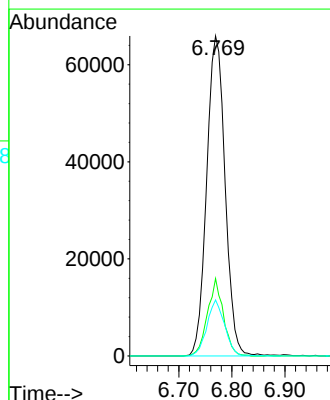
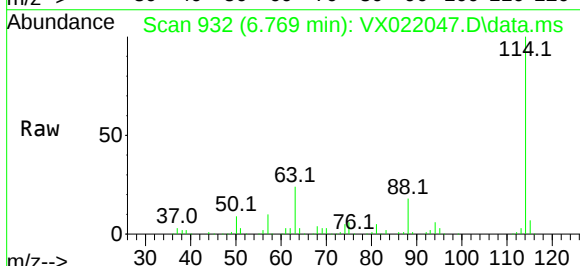
Tgt Ion: 114 Resp: 159129

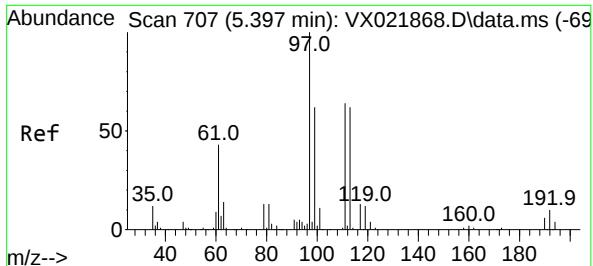
Ion Ratio Lower Upper

114 100

63 24.2 0.0 40.8

88 17.5 0.0 32.8

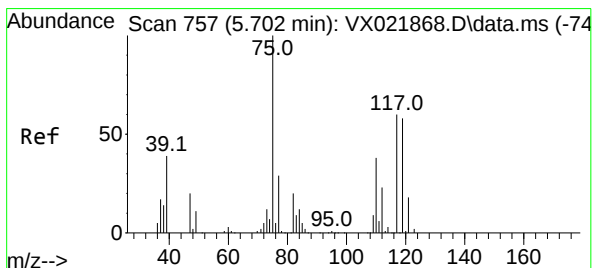
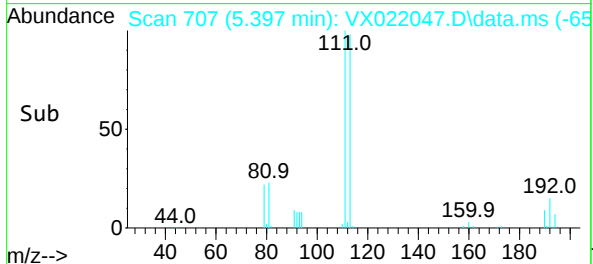
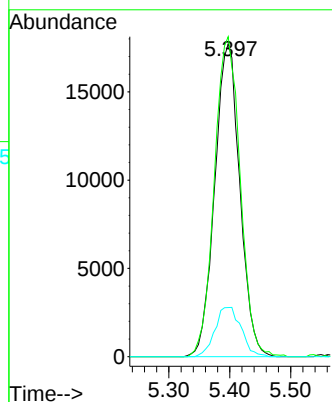
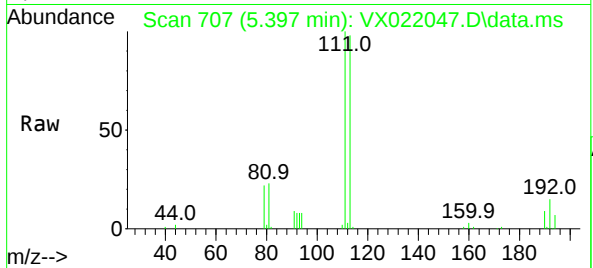




#35
Dibromofluoromethane
Concen: 46.52 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX022047.D
Acq: 17 May 2021 21:18

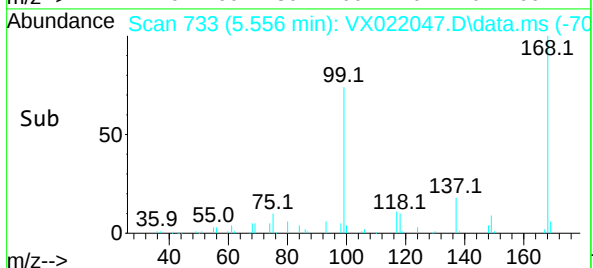
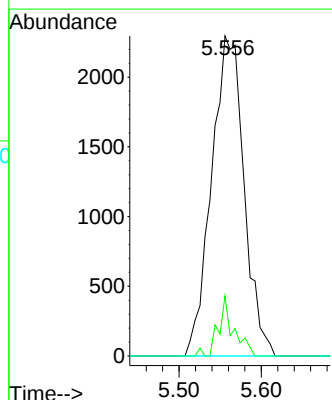
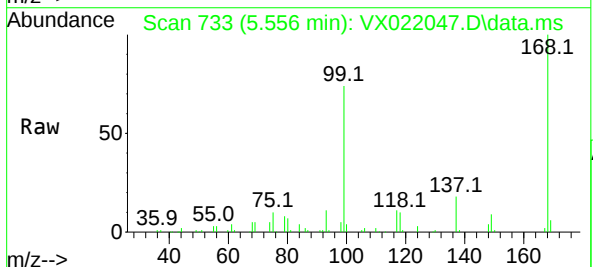
Instrument :
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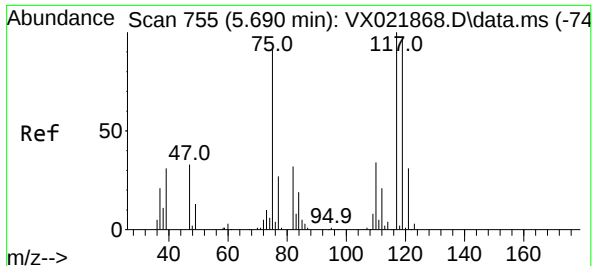
Tgt Ion:113 Resp: 50727
Ion Ratio Lower Upper
113 100
111 105.2 81.9 122.9
192 16.4 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 3.74 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022047.D
Acq: 17 May 2021 21:18

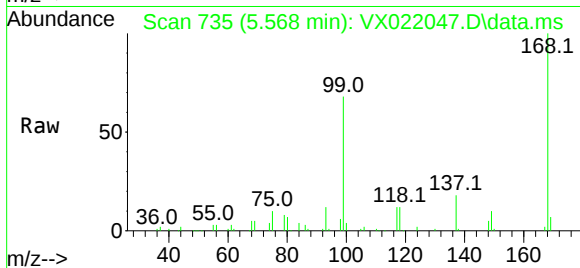
Tgt Ion: 75 Resp: 6309
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 25.3 37.9#



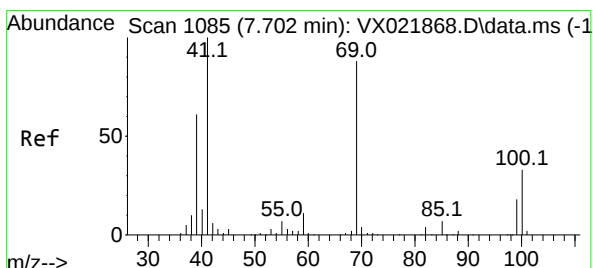
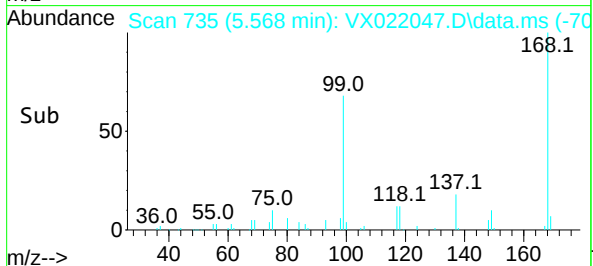
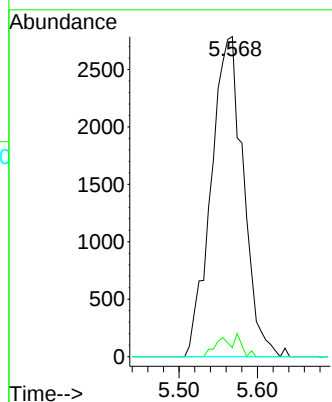


#38
Carbon Tetrachloride
Concen: 4.72 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX022047.D
Acq: 17 May 2021 21:18

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-778-780

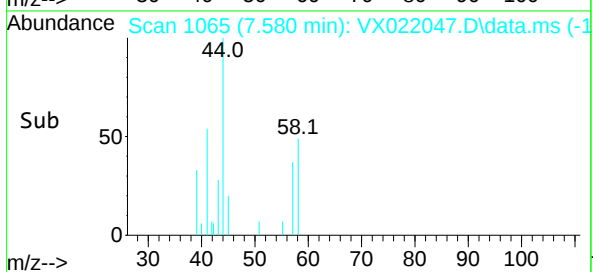
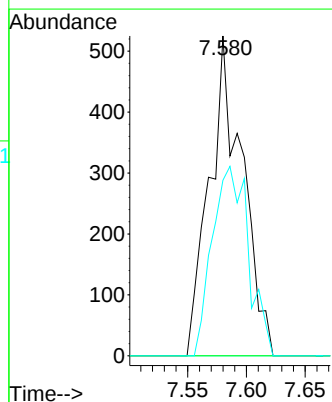
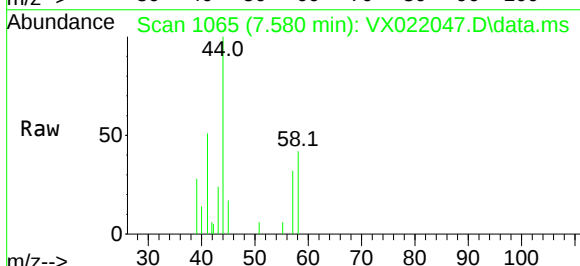


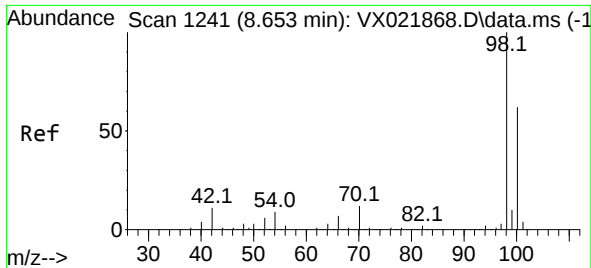
Tgt Ion: 117 Resp: 7968
Ion Ratio Lower Upper
117 100
119 2.8 76.2 114.2#
121 0.0 24.8 37.2#



#48
Methyl methacrylate
Concen: 0.65 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.122 min
Lab File: VX022047.D
Acq: 17 May 2021 21:18

Tgt Ion: 41 Resp: 1025
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 65.1 44.6 67.0

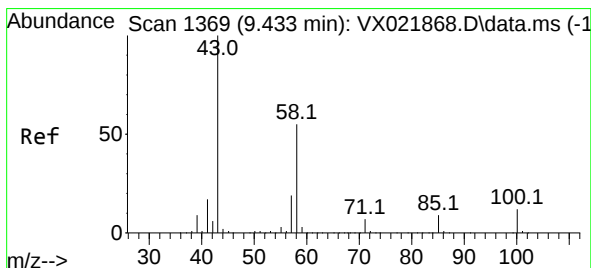
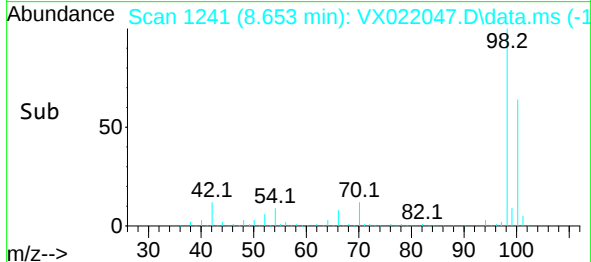
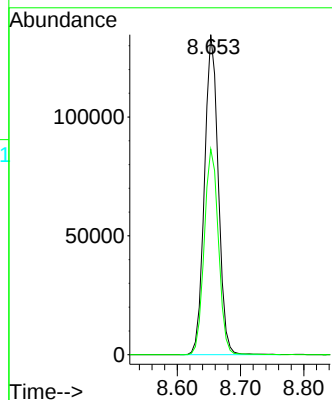
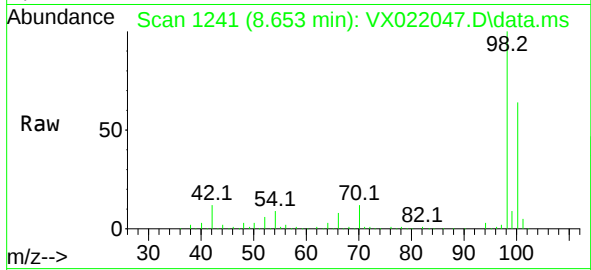




#50
Toluene-d8
Concen: 49.14 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022047.D
Acq: 17 May 2021 21:18

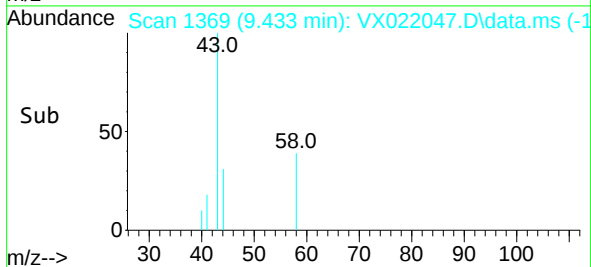
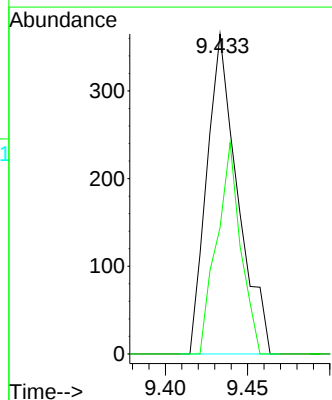
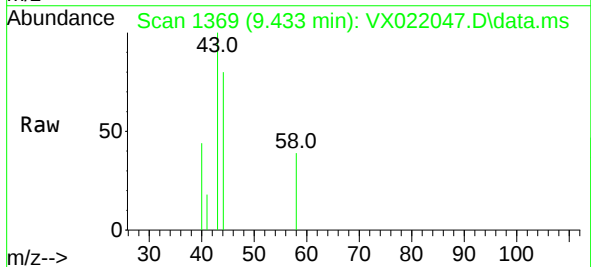
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-778-780

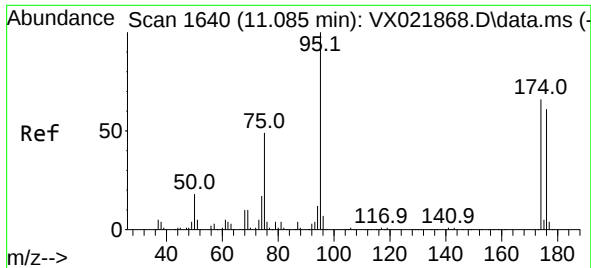
Tgt Ion: 98 Resp: 204488
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9



#59
2-Hexanone
Concen: 0.29 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX022047.D
Acq: 17 May 2021 21:18

Tgt Ion: 43 Resp: 476
Ion Ratio Lower Upper
43 100
58 50.8 30.9 92.8

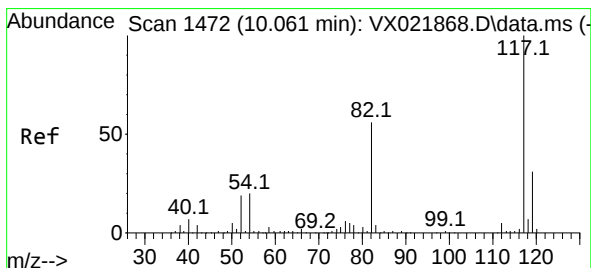
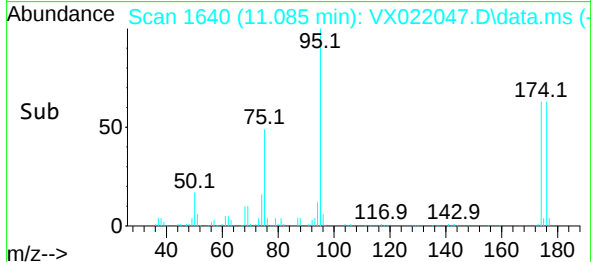
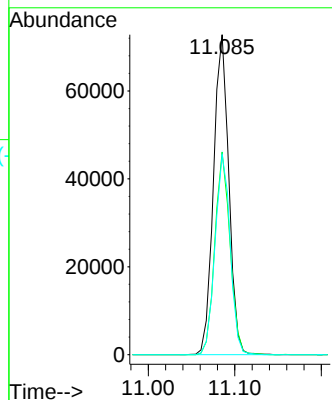
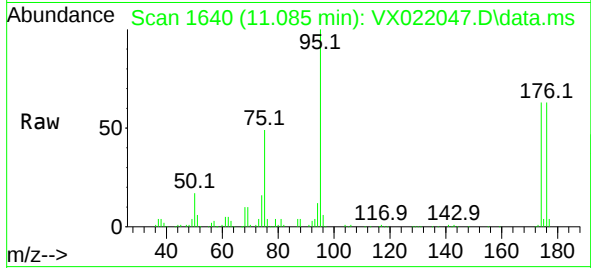




#62
4-Bromofluorobenzene
Concen: 54.46 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022047.D
Acq: 17 May 2021 21:18

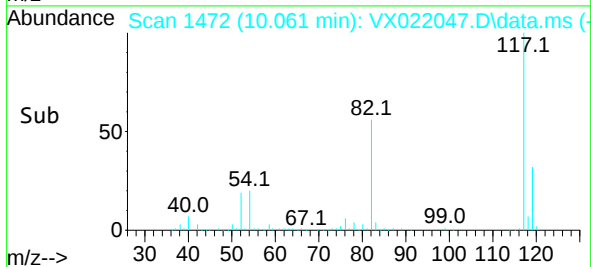
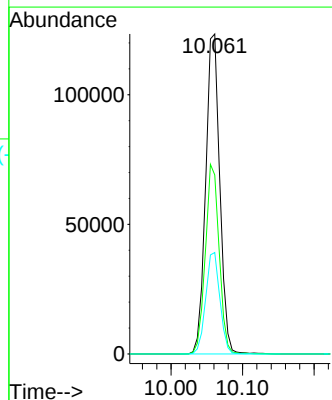
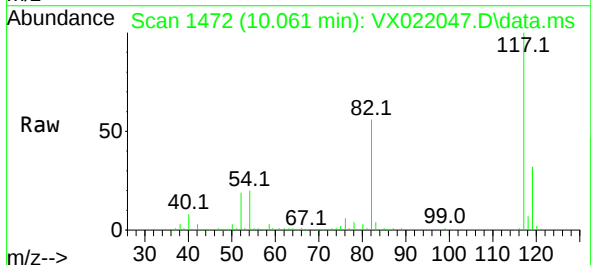
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-778-780

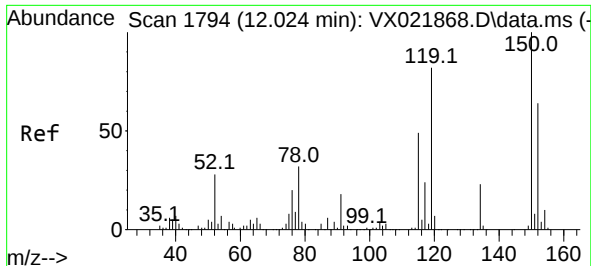
Tgt Ion: 95 Resp: 89438
Ion Ratio Lower Upper
95 100
174 62.7 0.0 154.6
176 61.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022047.D
Acq: 17 May 2021 21:18

Tgt Ion: 117 Resp: 169740
Ion Ratio Lower Upper
117 100
82 55.9 47.4 71.2
119 31.7 26.6 39.8

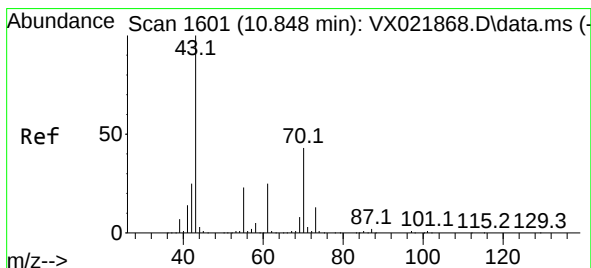
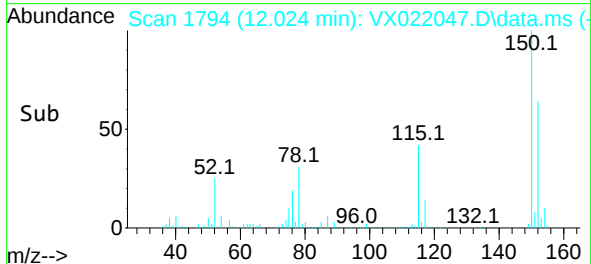
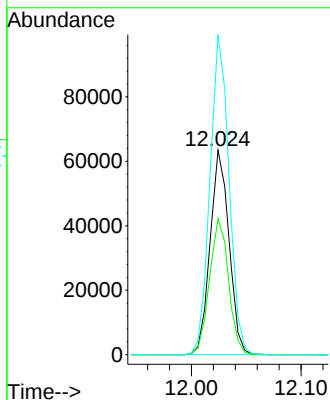
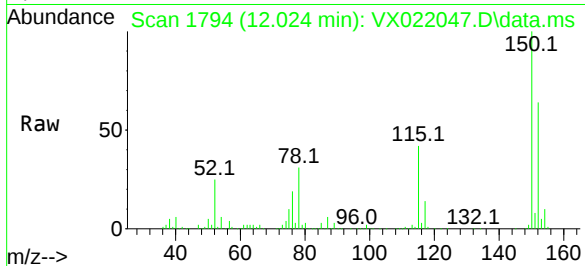




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022047.D
Acq: 17 May 2021 21:18

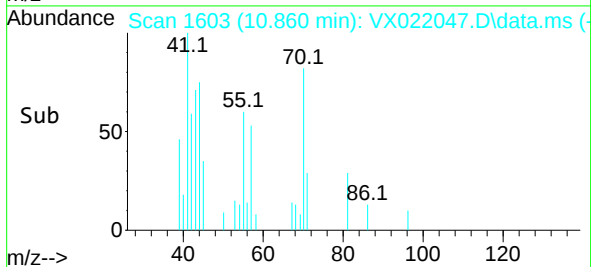
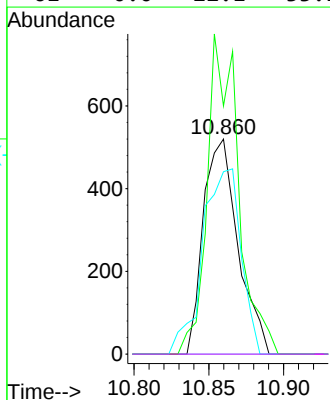
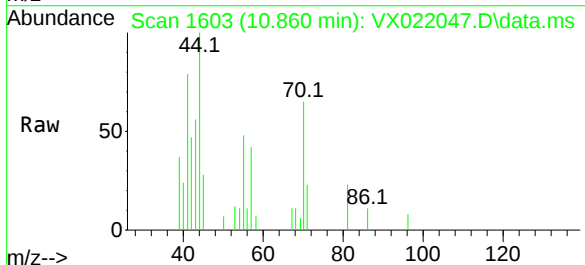
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-778-780

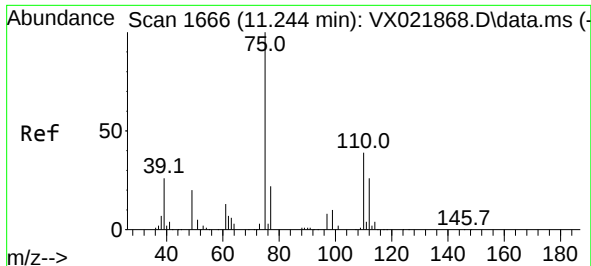
Tgt Ion:152 Resp: 75998
Ion Ratio Lower Upper
152 100
115 67.0 41.1 123.3
150 157.9 0.0 349.0



#74
N-ethyl acetate
Concen: 0.23 ug/l
RT: 10.860 min Scan# 1603
Delta R.T. 0.012 min
Lab File: VX022047.D
Acq: 17 May 2021 21:18

Tgt Ion: 43 Resp: 837
Ion Ratio Lower Upper
43 100
70 133.5 39.0 58.6#
55 95.2 21.5 32.3#
61 0.0 22.1 33.1#

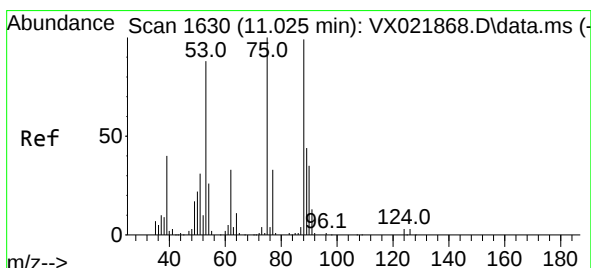
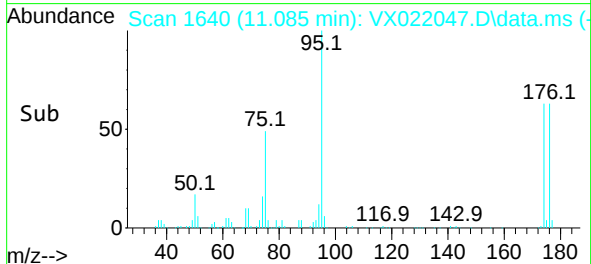
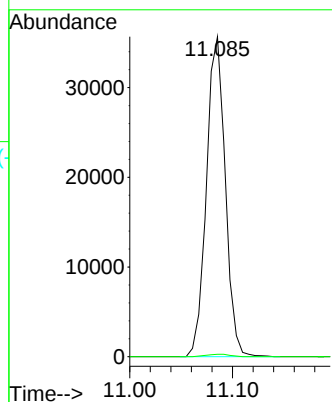
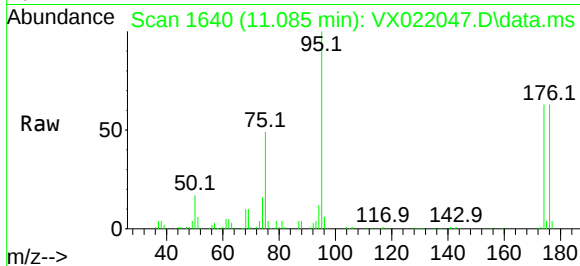




#76
1,2,3-Trichloropropane
Concen: 21.08 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022047.D
Acq: 17 May 2021 21:18

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-778-780

Tgt Ion: 75 Resp: 45542
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 48.89 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022047.D
Acq: 17 May 2021 21:18

Tgt Ion: 75 Resp: 45542
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

