

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020321\
 Data File : VX020834.D
 Acq On : 03 Feb 2021 12:46
 Operator : JC/SP
 Sample : M1296-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-VPB-RW6-GW-238-240

Quant Time: Feb 04 02:20:58 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:38:15 2021
 Response via : Initial Calibration

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

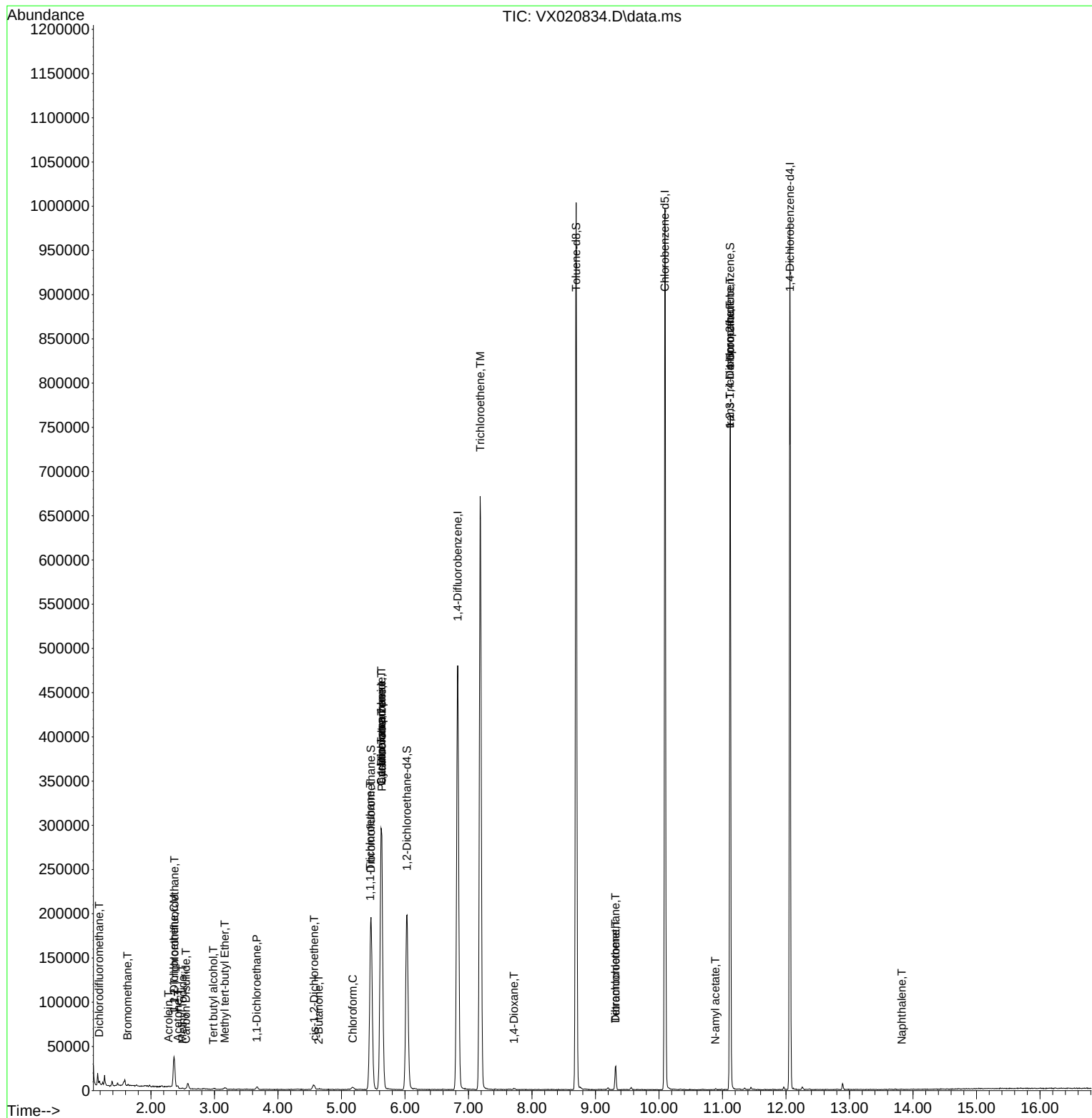
Internal Standards						
1) Pentafluorobenzene	5.635	168	284482	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	486407	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	461526	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	197128	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.032	65	193505	49.87	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.74%		
35) Dibromofluoromethane	5.465	113	168143	50.47	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.94%		
50) Toluene-d8	8.696	98	602566	49.33	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.66%		
62) 4-Bromofluorobenzene	11.122	95	209303	44.12	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	88.24%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	1757	1.58	ug/l	93
5) Bromomethane	1.630	94	590	0.31	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.368	101	12104	4.38	ug/l	99
10) Methyl Iodide	2.496	142	932	0.24	ug/l #	89
11) Tert butyl alcohol	2.983	59	497	0.69	ug/l #	73
12) 1,1-Dichloroethene	2.361	96	2461	0.90	ug/l	79
13) Acrolein	2.276	56	271	0.50	ug/l	100
16) Acetone	2.422	43	2852	1.94	ug/l #	84
17) Carbon Disulfide	2.550	76	821	0.99	ug/l #	75
19) Methyl tert-butyl Ether	3.160	73	2055	0.20	ug/l #	85
24) 1,1-Dichloroethane	3.666	63	3302	0.55	ug/l #	93
25) 2-Butanone	4.642	43	661	0.29	ug/l #	45
27) cis-1,2-Dichloroethene	4.568	96	3533	0.94	ug/l	91
30) Chloroform	5.178	83	3078	0.50	ug/l	86
31) Cyclohexane	5.629	56	5511	1.06	ug/l #	1
32) 1,1,1-Trichloroethane	5.452	97	1503	0.27	ug/l #	37
36) 1,1-Dichloropropene	5.629	75	21420	4.39	ug/l #	49
38) Carbon Tetrachloride	5.629	117	29086	5.67	ug/l #	17
44) Trichloroethene	7.184	130	264994	69.27	ug/l	98
49) 1,4-Dioxane	7.714	88	871	9.96	ug/l #	85
60) Dibromochloromethane	9.311	129	4695	1.13	ug/l #	11
64) Tetrachloroethene	9.311	164	4890	1.38	ug/l	96
74) N-amyl acetate	10.884	43	235	2.05	ug/l #	30
76) 1,2,3-Trichloropropane	11.116	75	101378	22.17	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	101378	62.14	ug/l #	12
95) Naphthalene	13.823	128	517	2.90	ug/l #	69

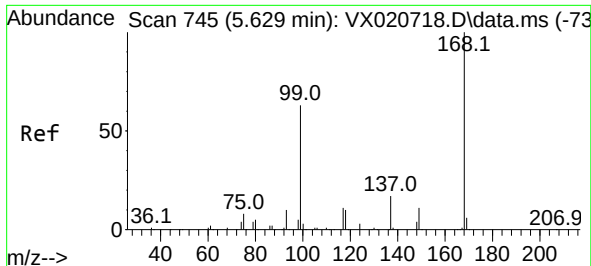
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-238-240

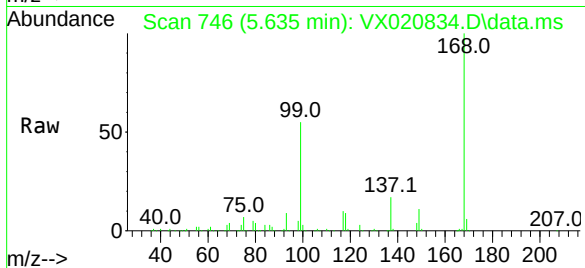
Quant Time: Feb 04 02:20:58 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:38:15 2021
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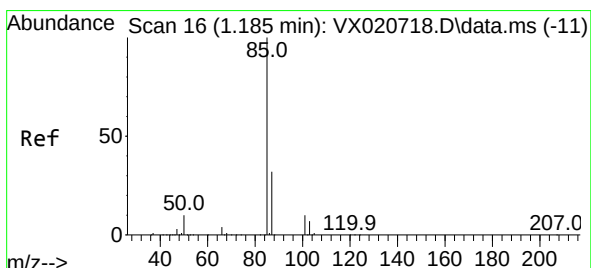
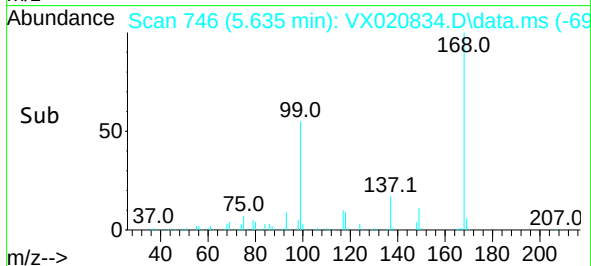
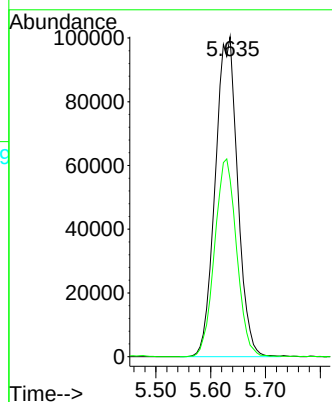


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 746
Delta R.T. 0.006 min
Lab File: VX020834.D
Acq: 03 Feb 2021 12:46

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-238-240

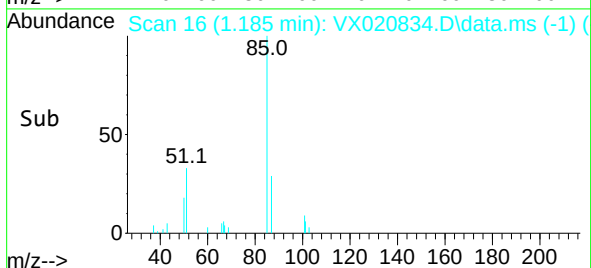
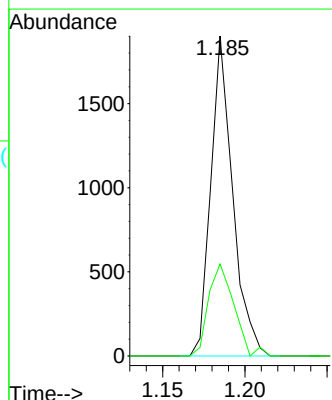
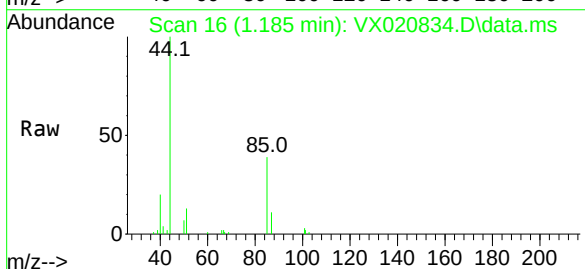


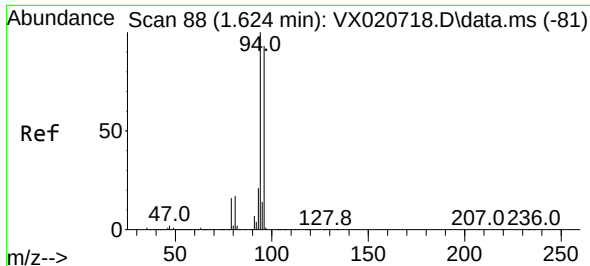
Tgt Ion:168 Resp: 284482
Ion Ratio Lower Upper
168 100
99 55.3 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 1.58 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX020834.D
Acq: 03 Feb 2021 12:46

Tgt Ion: 85 Resp: 1757
Ion Ratio Lower Upper
85 100
87 28.8 16.4 49.2

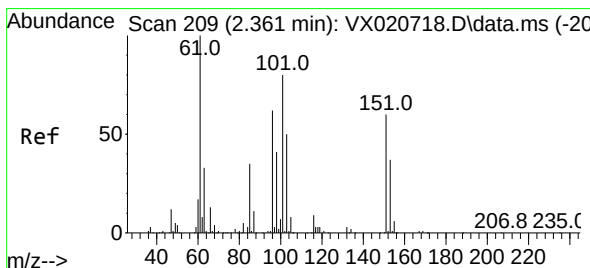
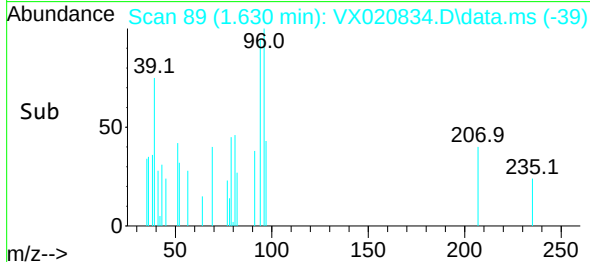
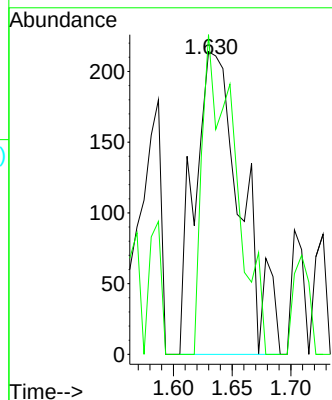
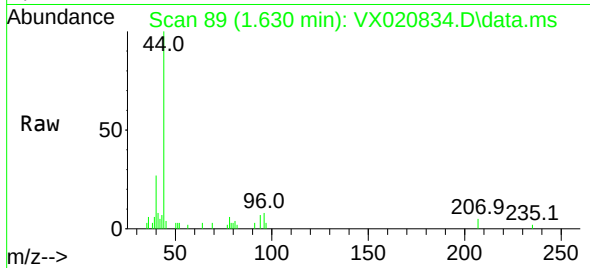




#5
Bromomethane
Concen: 0.31 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020834.D
Acq: 03 Feb 2021 12:46

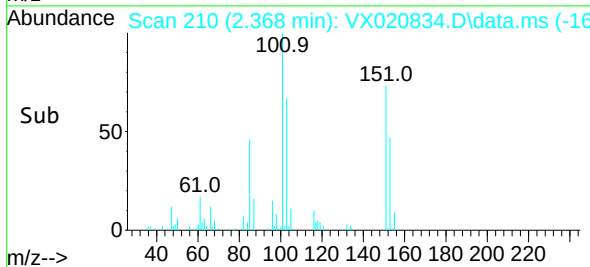
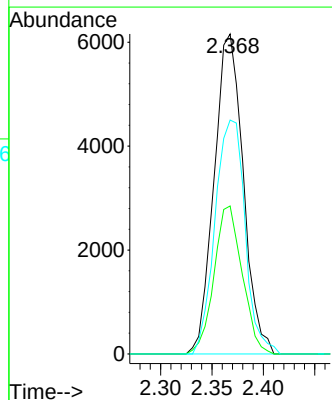
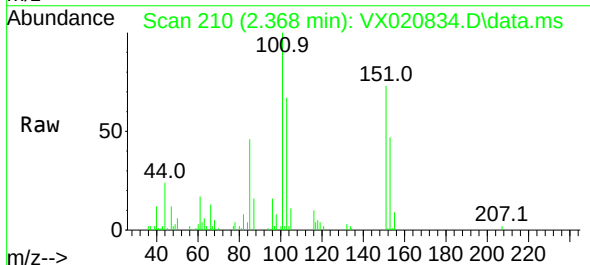
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-238-240

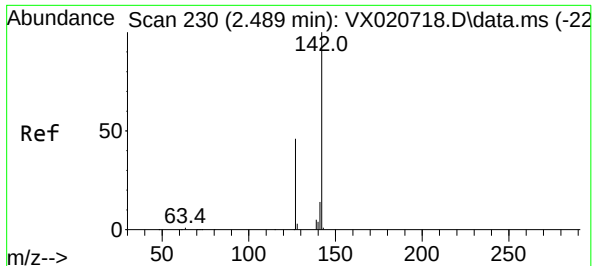
Tgt Ion: 94 Resp: 590
Ion Ratio Lower Upper
94 100
96 105.6 76.4 114.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.38 ug/l
RT: 2.368 min Scan# 210
Delta R.T. 0.007 min
Lab File: VX020834.D
Acq: 03 Feb 2021 12:46

Tgt Ion: 101 Resp: 12104
Ion Ratio Lower Upper
101 100
85 44.7 34.9 52.3
151 75.6 61.4 92.2

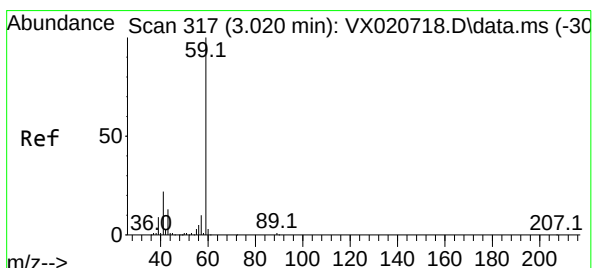
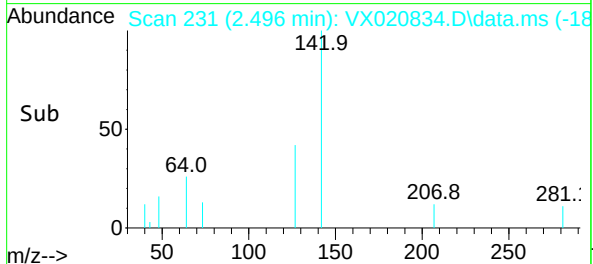
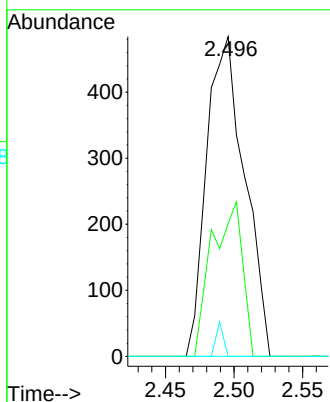
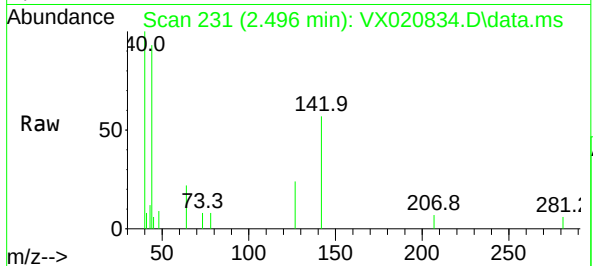




#10
Methyl Iodide
Concen: 0.24 ug/l
RT: 2.496 min Scan# 231
Delta R.T. 0.007 min
Lab File: VX020834.D
Acq: 03 Feb 2021 12:46

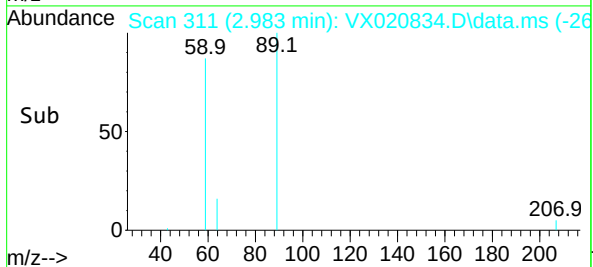
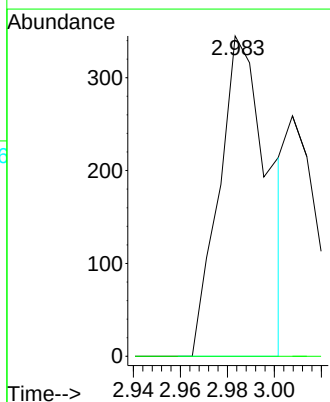
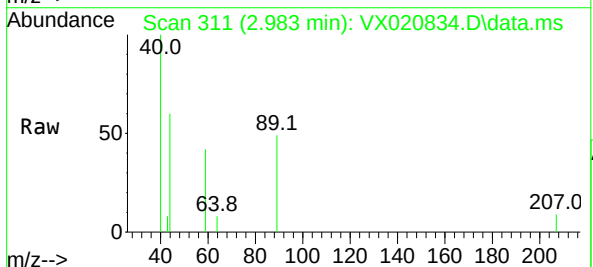
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-238-240

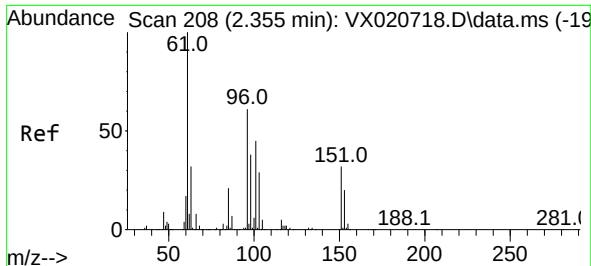
Tgt Ion:	142	Resp:	932
Ion Ratio	Lower	Upper	
142	100		
127	39.1	33.3	49.9
141	2.0	11.4	17.0#



#11
Tert butyl alcohol
Concen: 0.69 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.037 min
Lab File: VX020834.D
Acq: 03 Feb 2021 12:46

Tgt Ion:	59	Resp:	497
Ion Ratio	Lower	Upper	
59	100		
57	0.0	7.8	11.8#





#12

1,1-Dichloroethene

Concen: 0.90 ug/l

RT: 2.361 min Scan# 209

Delta R.T. 0.006 min

Lab File: VX020834.D

Acq: 03 Feb 2021 12:46

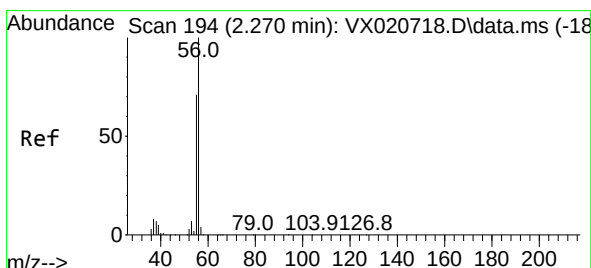
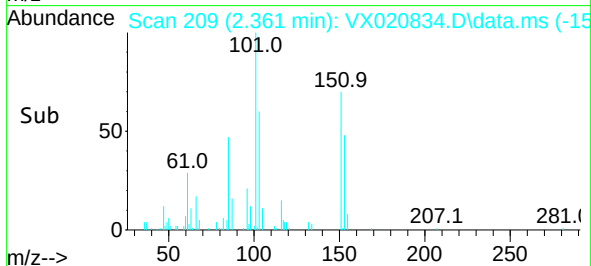
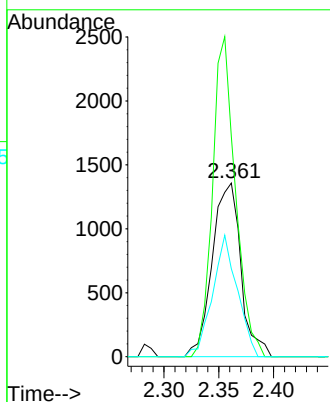
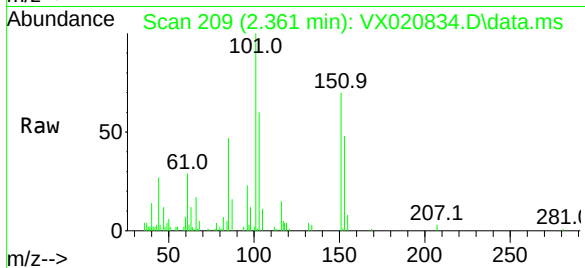
Tgt Ion: 96 Resp: 2461

Ion Ratio Lower Upper

96 100

61 126.9 124.6 187.0

98 50.7 50.6 76.0



#13

Acrolein

Concen: 0.50 ug/l

RT: 2.276 min Scan# 195

Delta R.T. 0.006 min

Lab File: VX020834.D

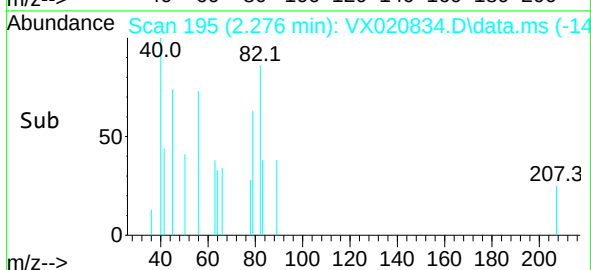
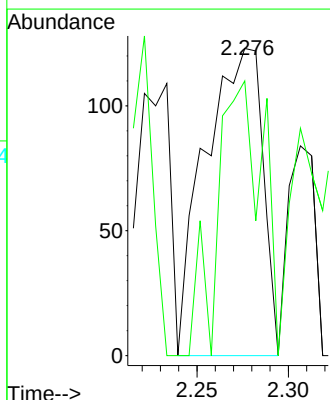
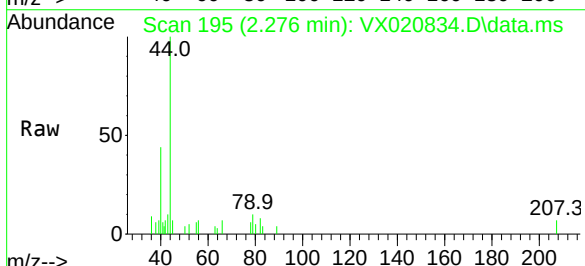
Acq: 03 Feb 2021 12:46

Tgt Ion: 56 Resp: 271

Ion Ratio Lower Upper

56 100

55 70.1 56.4 84.6

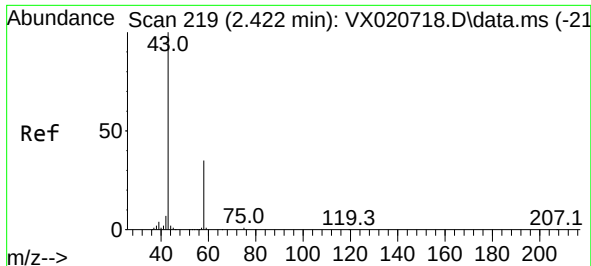


Instrument :

MSVOA_X

ClientSampleId :

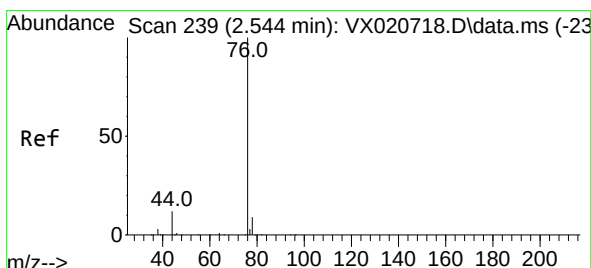
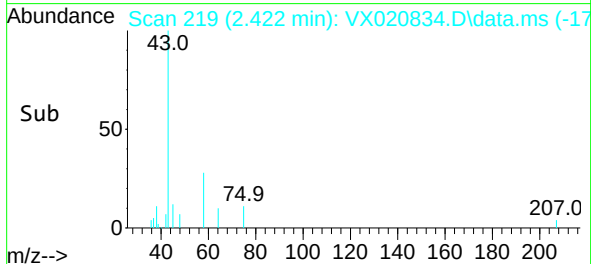
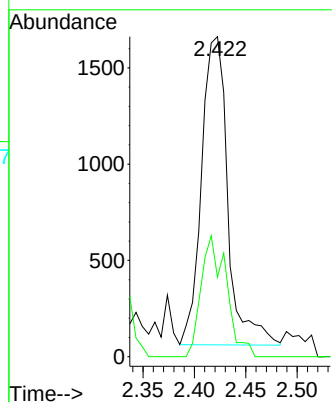
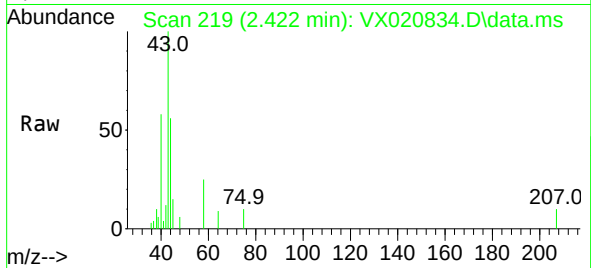
BP-TT-VPB-RW6-GW-238-240



#16
Acetone
Concen: 1.94 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX020834.D
Acq: 03 Feb 2021 12:46

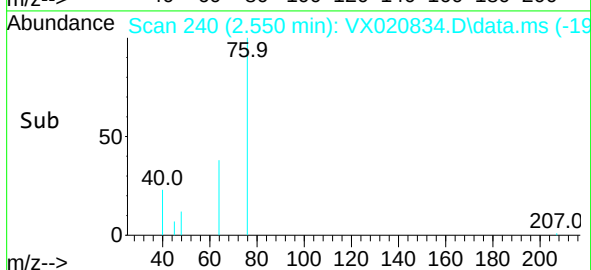
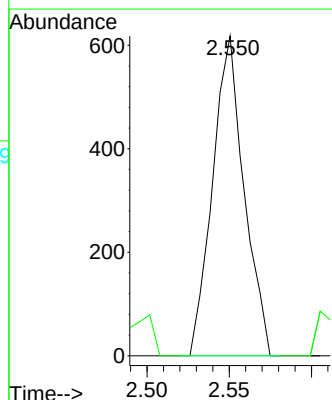
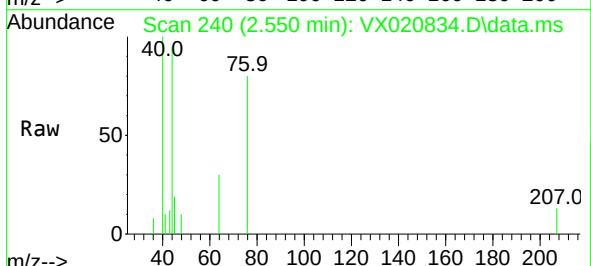
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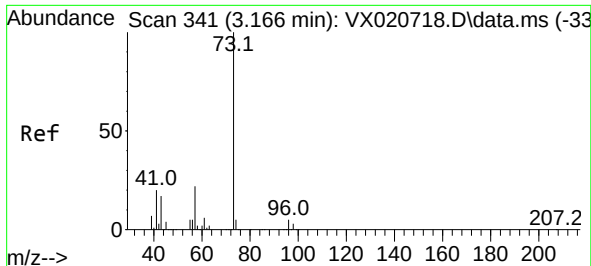
Tgt Ion: 43 Resp: 2852
Ion Ratio Lower Upper
43 100
58 25.8 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.99 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.006 min
Lab File: VX020834.D
Acq: 03 Feb 2021 12:46

Tgt Ion: 76 Resp: 821
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

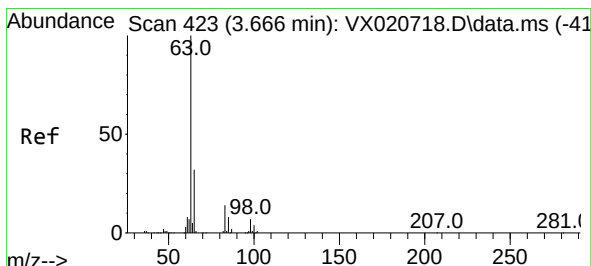
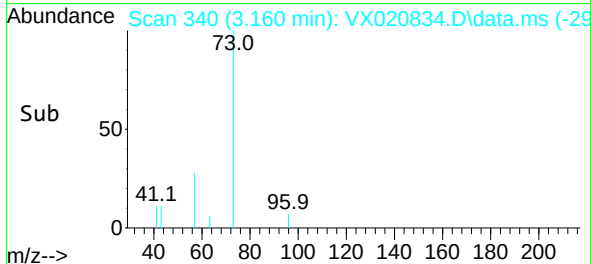
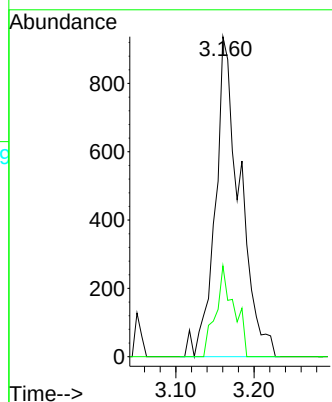
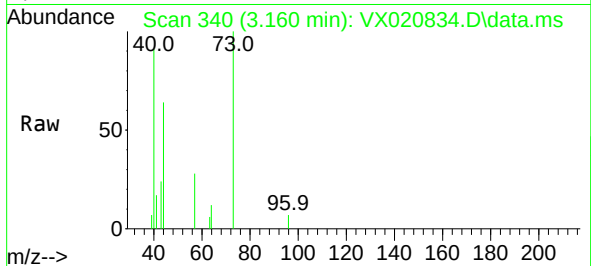




#19
Methyl tert-butyl Ether
Concen: 0.20 ug/l
RT: 3.160 min Scan# 340
Delta R.T. -0.006 min
Lab File: VX020834.D
Acq: 03 Feb 2021 12:46

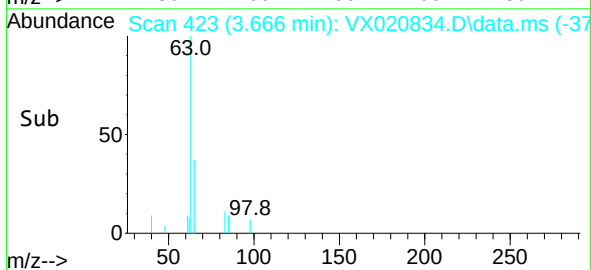
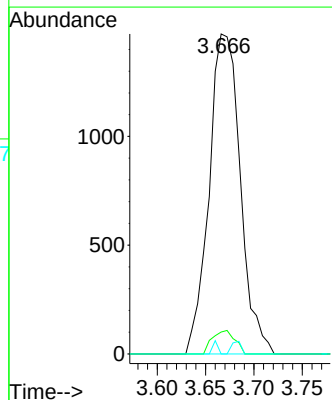
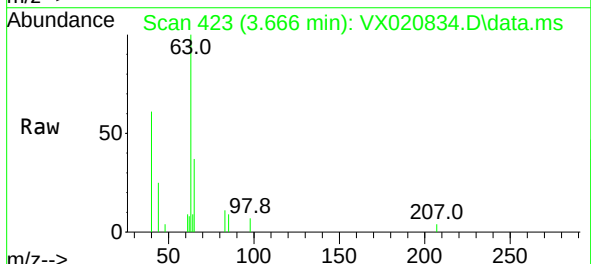
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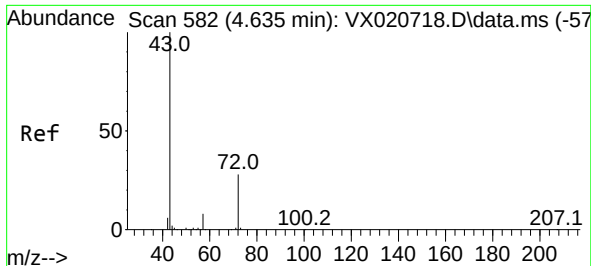
Tgt Ion: 73 Resp: 2055
Ion Ratio Lower Upper
73 100
57 28.4 17.1 25.7#



#24
1,1-Dichloroethane
Concen: 0.55 ug/l
RT: 3.666 min Scan# 423
Delta R.T. 0.000 min
Lab File: VX020834.D
Acq: 03 Feb 2021 12:46

Tgt Ion: 63 Resp: 3302
Ion Ratio Lower Upper
63 100
98 6.9 3.8 11.2
100 0.0 2.5 7.5#

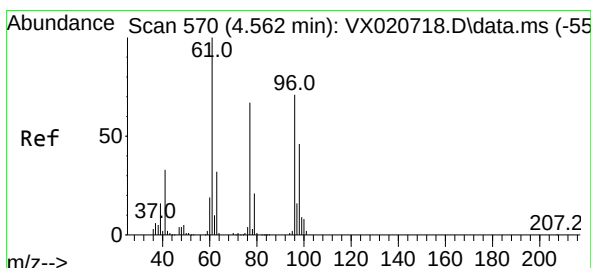
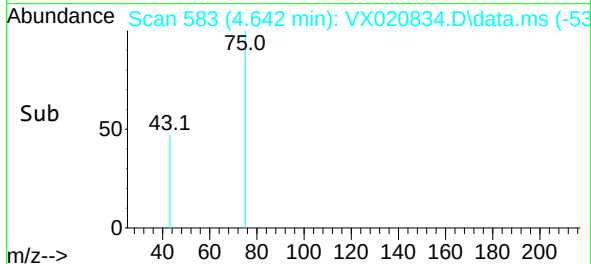
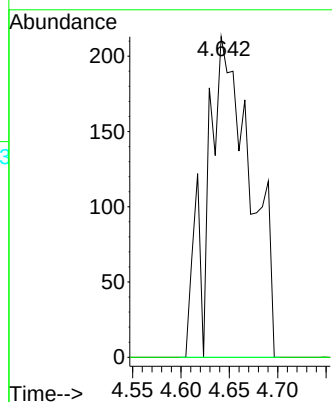
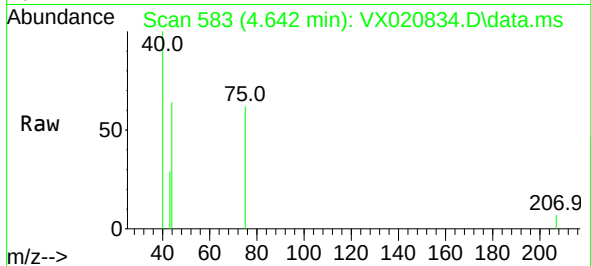




#25
2-Butanone
Concen: 0.29 ug/l
RT: 4.642 min Scan# 583
Delta R.T. 0.007 min
Lab File: VX020834.D
Acq: 03 Feb 2021 12:46

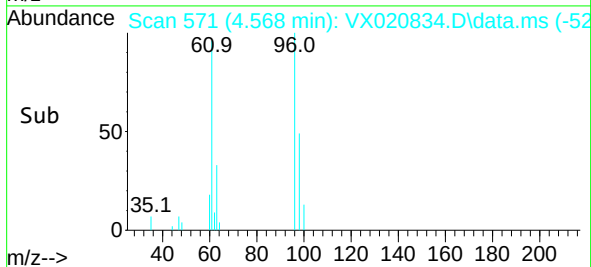
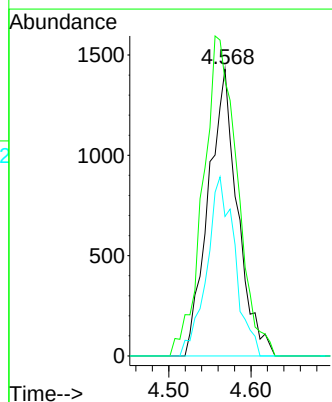
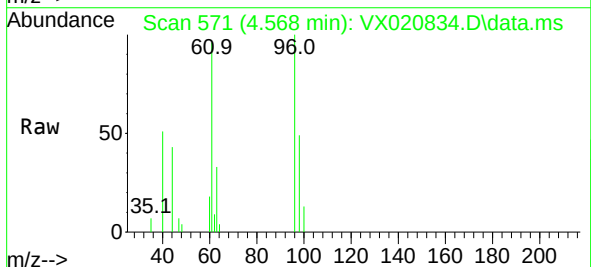
Instrument :
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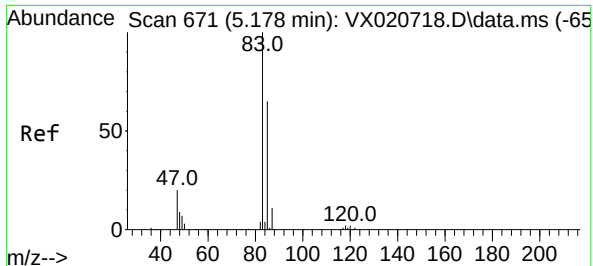
Tgt Ion: 43 Resp: 661
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#27
cis-1,2-Dichloroethene
Concen: 0.94 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX020834.D
Acq: 03 Feb 2021 12:46

Tgt Ion: 96 Resp: 3533
Ion Ratio Lower Upper
96 100
61 130.2 0.0 285.6
98 59.9 0.0 129.6





#30

Chloroform

Concen: 0.50 ug/l

RT: 5.178 min Scan# 671

Delta R.T. 0.000 min

Lab File: VX020834.D

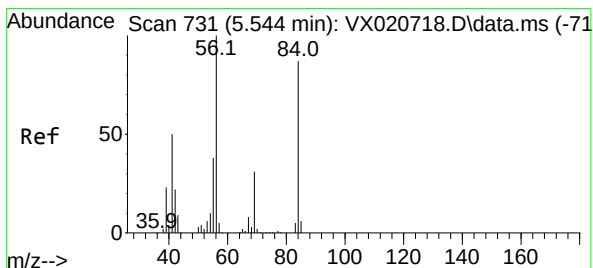
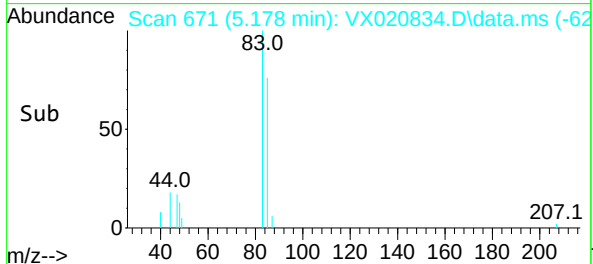
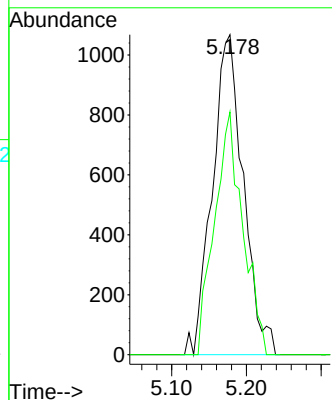
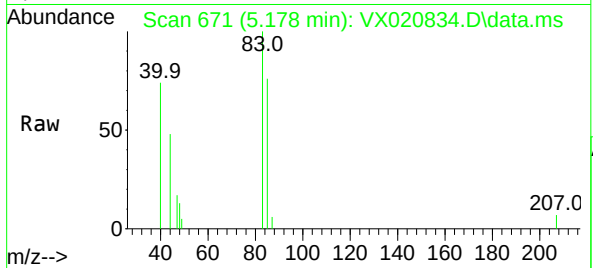
Acq: 03 Feb 2021 12:46

Tgt Ion: 83 Resp: 3078

Ion Ratio Lower Upper

83 100

85 75.8 52.0 78.0



#31

Cyclohexane

Concen: 1.06 ug/l

RT: 5.629 min Scan# 745

Delta R.T. 0.085 min

Lab File: VX020834.D

Acq: 03 Feb 2021 12:46

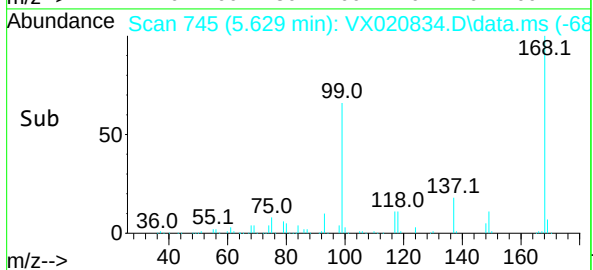
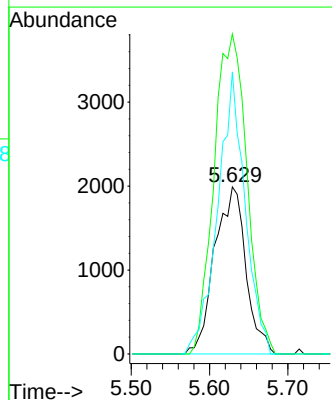
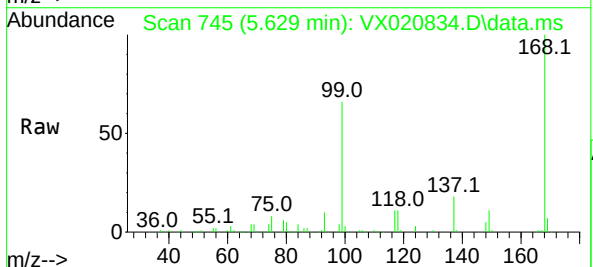
Tgt Ion: 56 Resp: 5511

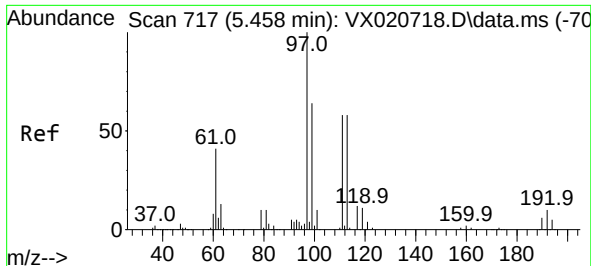
Ion Ratio Lower Upper

56 100

69 191.5 25.3 37.9#

84 168.8 71.4 107.0#

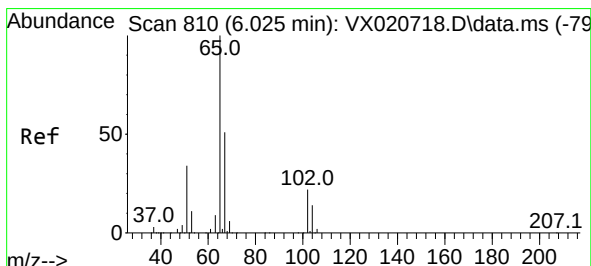
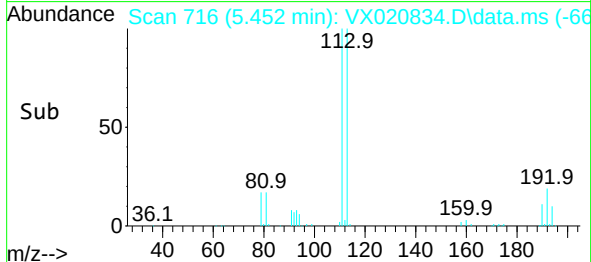
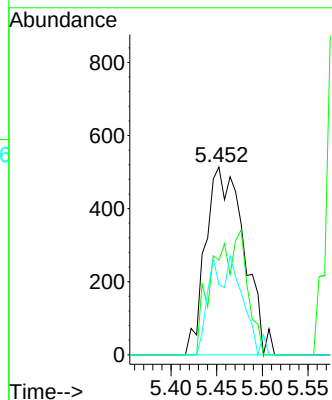
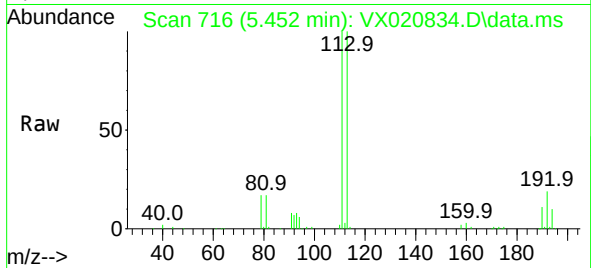




#32
1,1,1-Trichloroethane
Concen: 0.27 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX020834.D
Acq: 03 Feb 2021 12:46

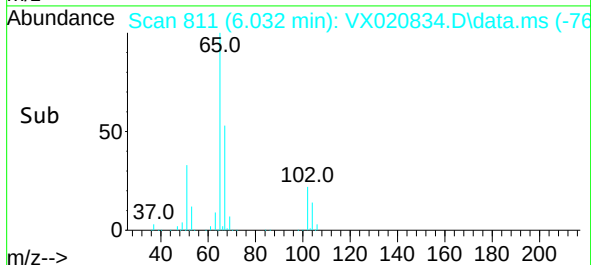
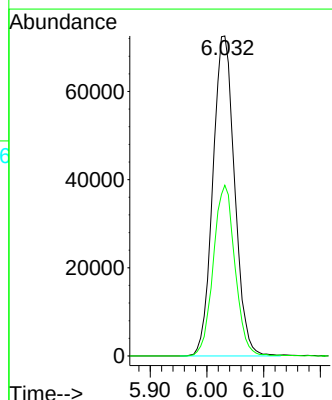
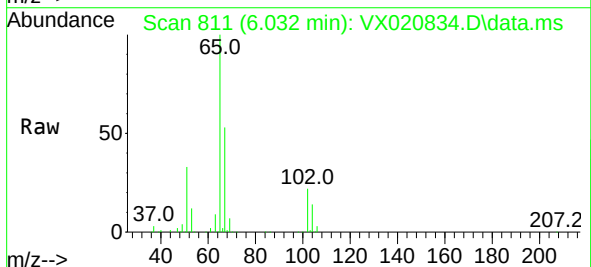
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-238-240

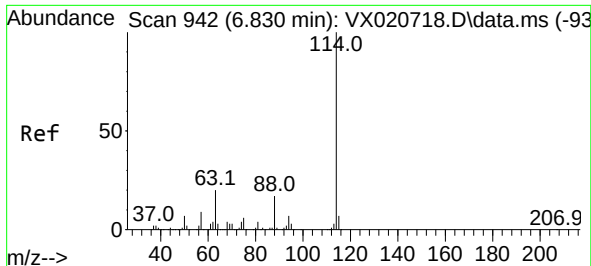
Tgt Ion: 97 Resp: 1503
Ion Ratio Lower Upper
97 100
99 0.0 51.5 77.3#
61 21.3 34.2 51.4#



#33
1,2-Dichloroethane-d4
Concen: 49.87 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.007 min
Lab File: VX020834.D
Acq: 03 Feb 2021 12:46

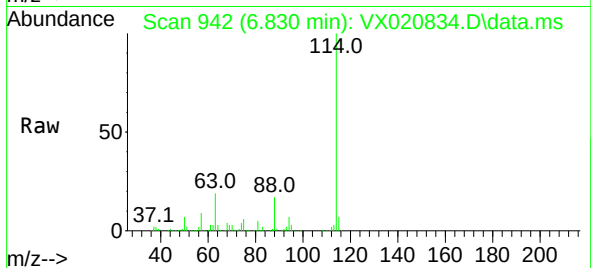
Tgt Ion: 65 Resp: 193505
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4



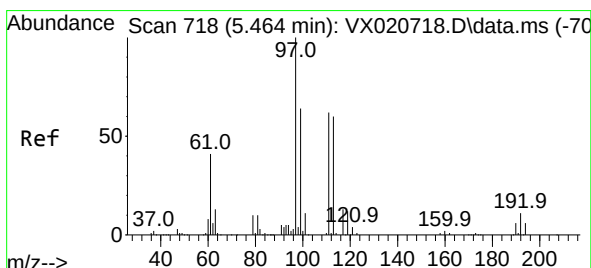
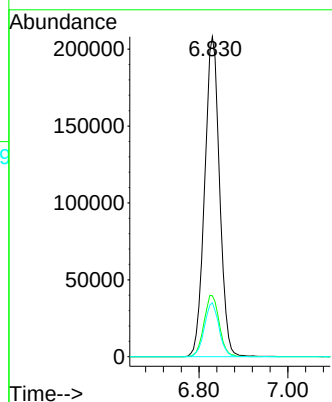
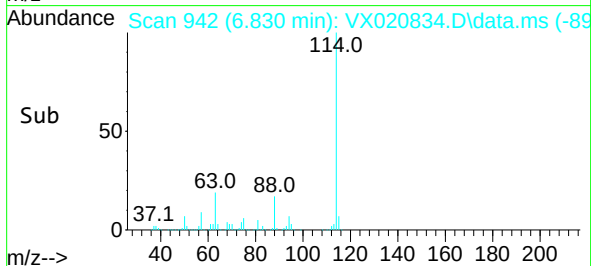


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX020834.D
Acq: 03 Feb 2021 12:46

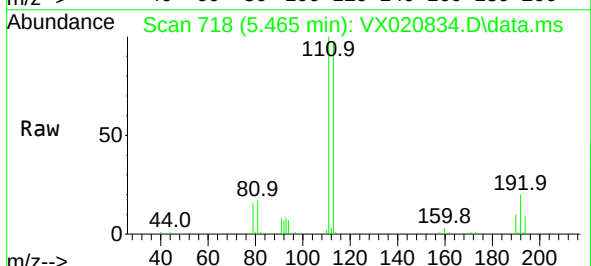
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-238-240



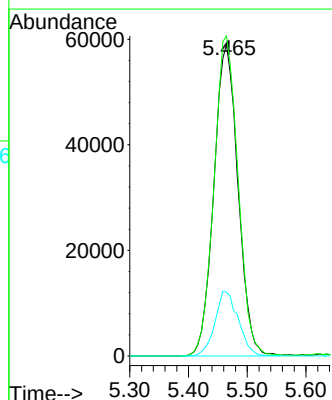
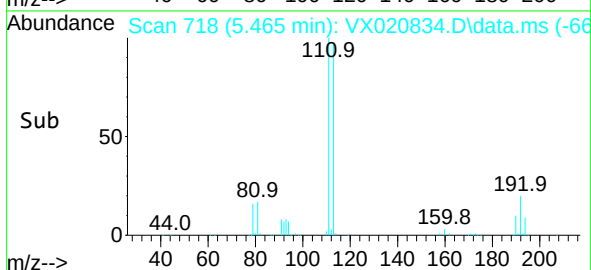
Tgt Ion:114 Resp: 486407
Ion Ratio Lower Upper
114 100
63 19.0 0.0 40.8
88 16.9 0.0 32.8

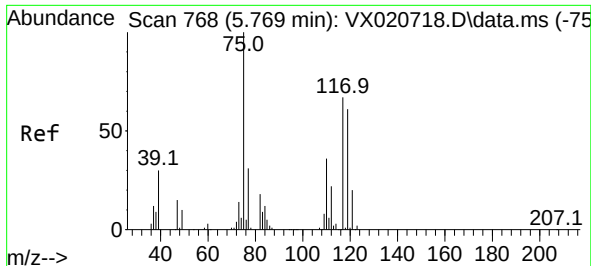


#35
Dibromofluoromethane
Concen: 50.47 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.001 min
Lab File: VX020834.D
Acq: 03 Feb 2021 12:46



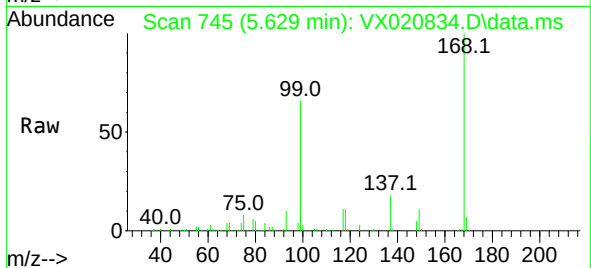
Tgt Ion:113 Resp: 168143
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 20.1 16.7 25.1



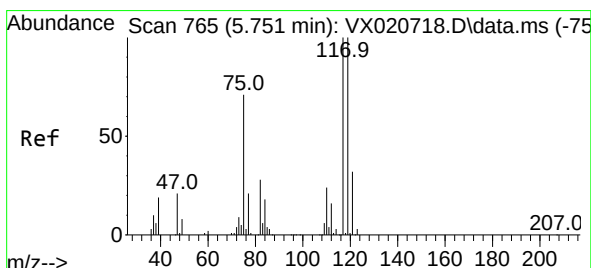
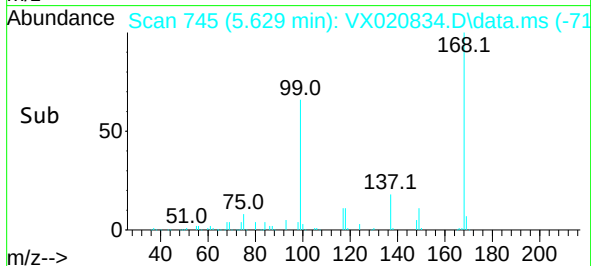
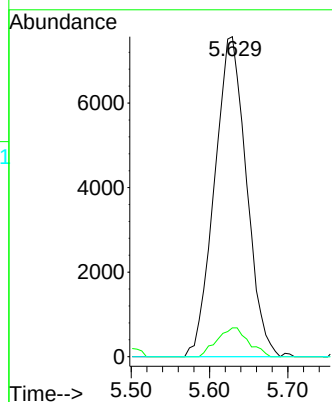


#36
1,1-Dichloropropene
Concen: 4.39 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX020834.D
Acq: 03 Feb 2021 12:46

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-238-240

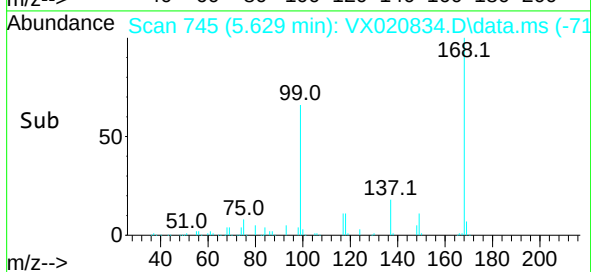
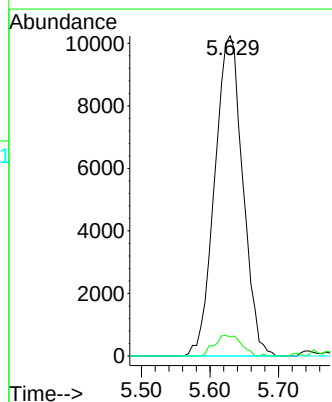
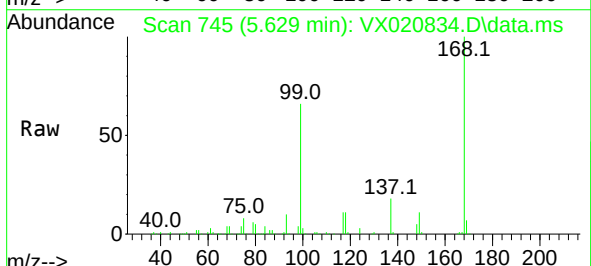


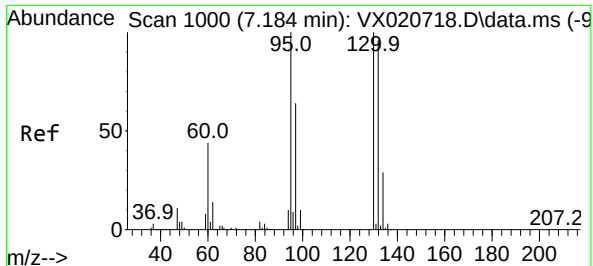
Tgt Ion: 75 Resp: 21420
Ion Ratio Lower Upper
75 100
110 8.9 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.67 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020834.D
Acq: 03 Feb 2021 12:46

Tgt Ion: 117 Resp: 29086
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.2#
121 0.0 24.8 37.2#

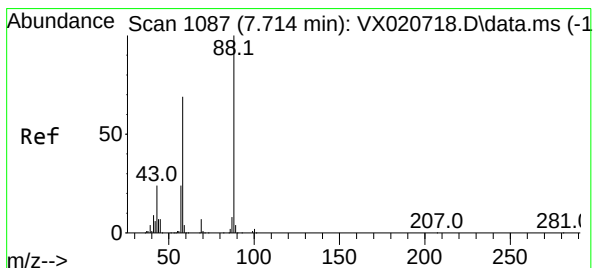
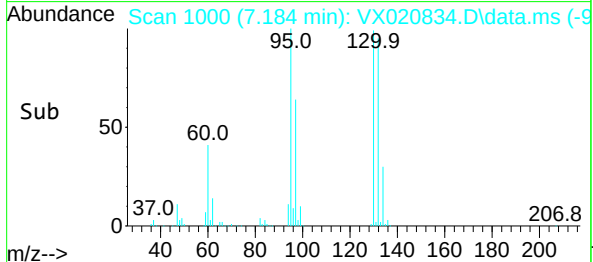
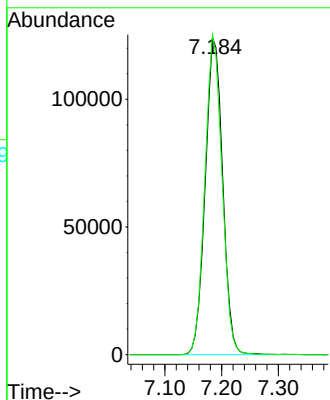
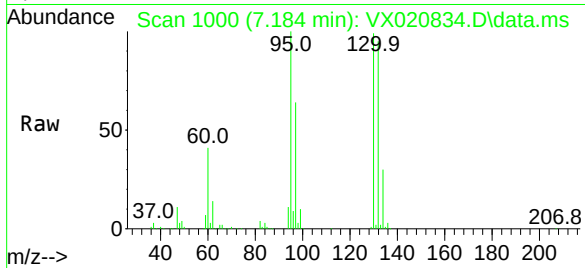




#44
Trichloroethene
Concen: 69.27 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VX020834.D
Acq: 03 Feb 2021 12:46

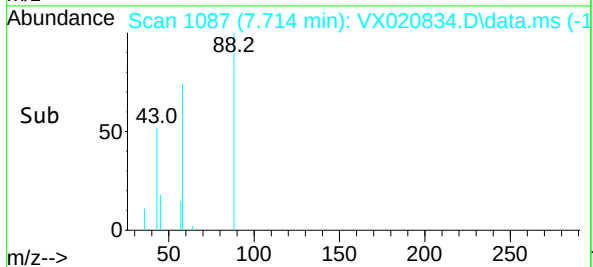
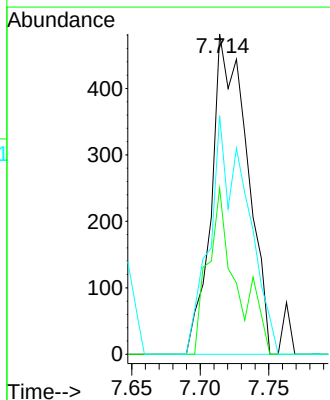
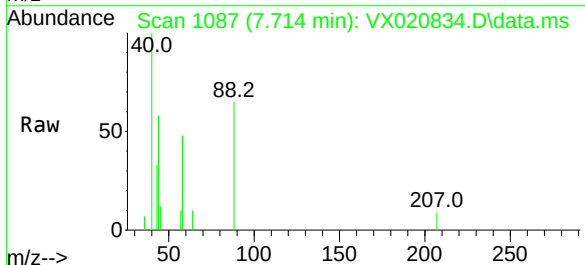
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-238-240

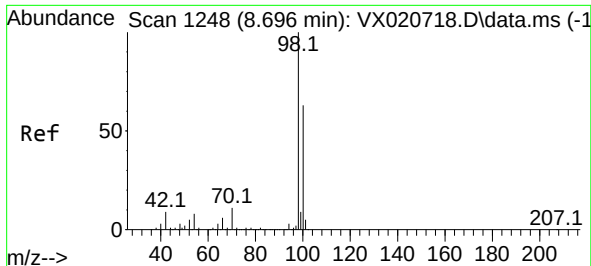
Tgt Ion:130 Resp: 264994
Ion Ratio Lower Upper
130 100
95 100.8 0.0 198.0



#49
1,4-Dioxane
Concen: 9.96 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VX020834.D
Acq: 03 Feb 2021 12:46

Tgt Ion: 88 Resp: 871
Ion Ratio Lower Upper
88 100
43 41.3 23.2 34.8#
58 77.6 55.0 82.4

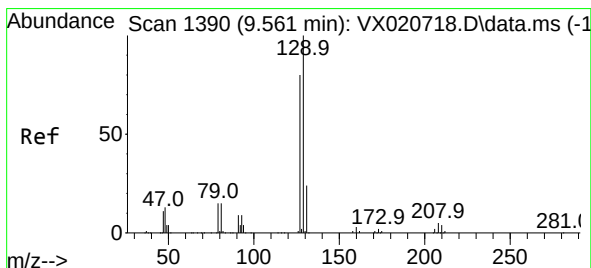
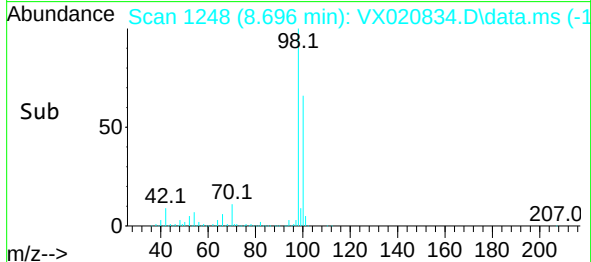
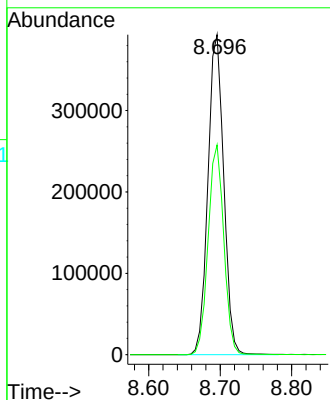
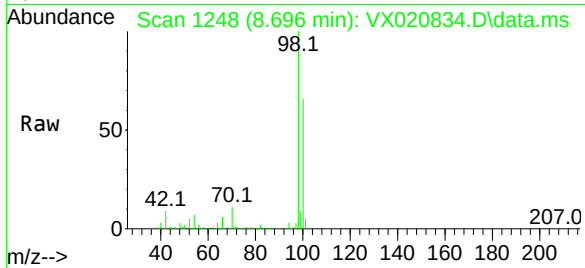




#50
Toluene-d8
Concen: 49.33 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020834.D
Acq: 03 Feb 2021 12:46

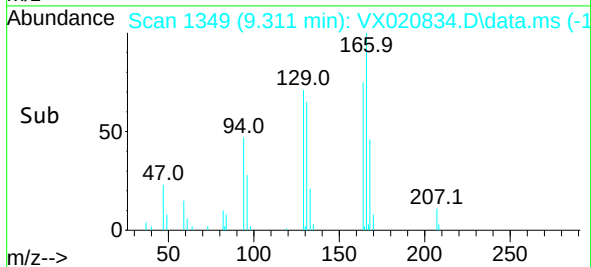
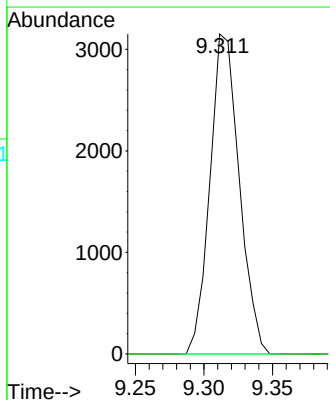
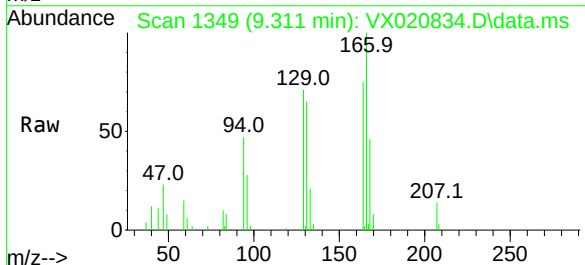
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-238-240

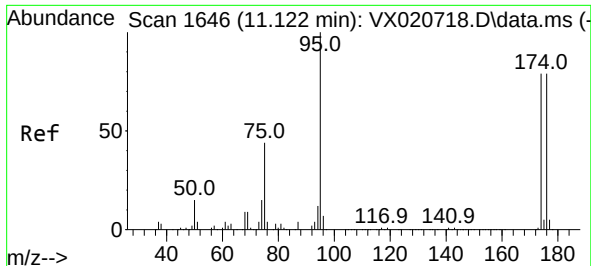
Tgt Ion: 98 Resp: 602566
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



#60
Dibromochloromethane
Concen: 1.13 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.250 min
Lab File: VX020834.D
Acq: 03 Feb 2021 12:46

Tgt Ion: 129 Resp: 4695
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

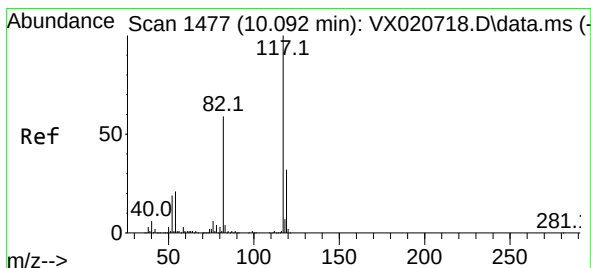
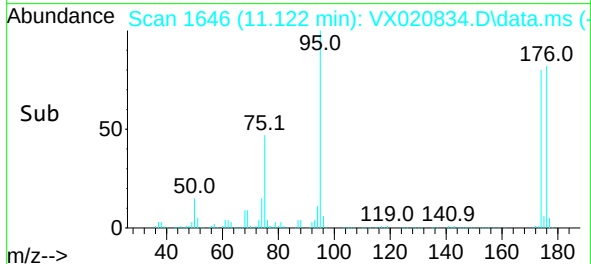
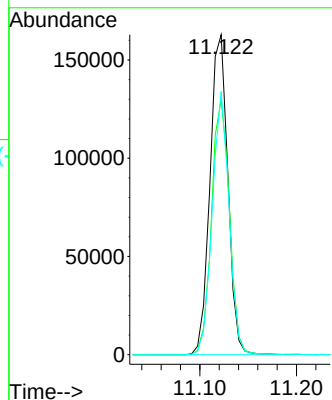
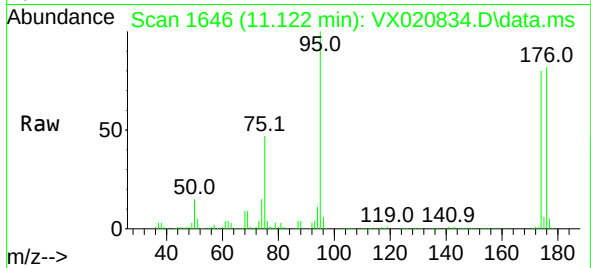




#62
4-Bromofluorobenzene
Concen: 44.12 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020834.D
Acq: 03 Feb 2021 12:46

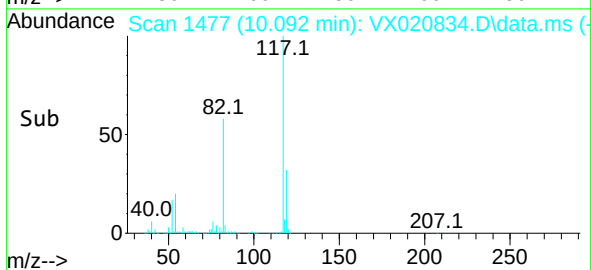
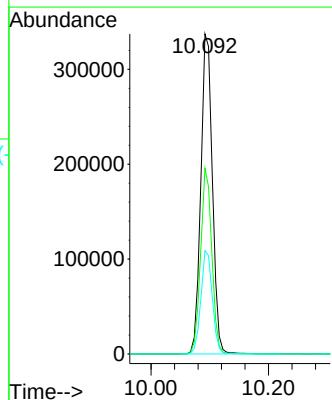
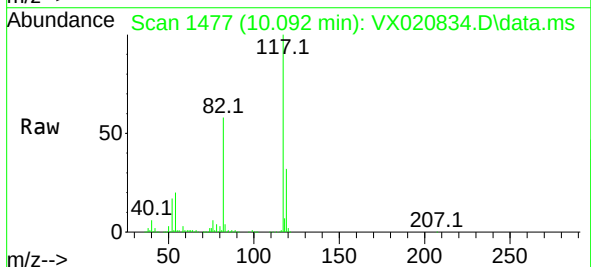
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-238-240

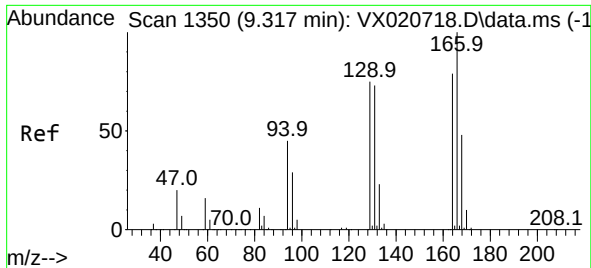
Tgt Ion: 95 Resp: 209303
Ion Ratio Lower Upper
95 100
174 80.4 0.0 154.6
176 77.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020834.D
Acq: 03 Feb 2021 12:46

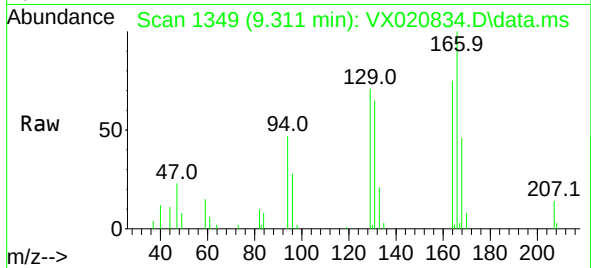
Tgt Ion: 117 Resp: 461526
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 32.3 26.6 39.8



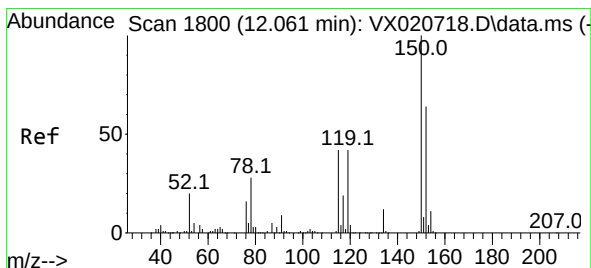
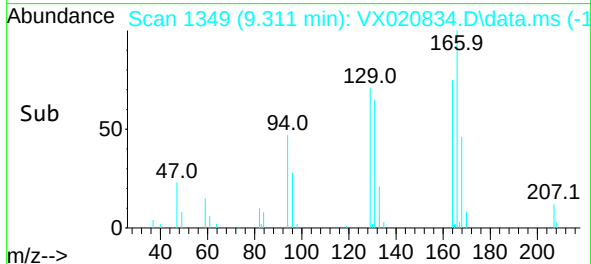
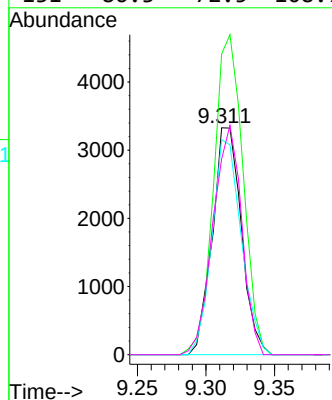


#64
Tetrachloroethene
Concen: 1.38 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VX020834.D
Acq: 03 Feb 2021 12:46

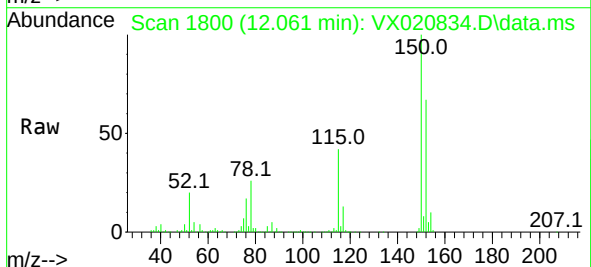
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-238-240



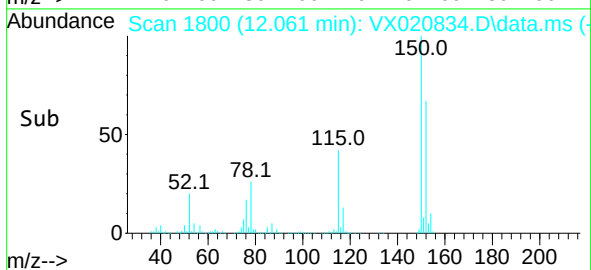
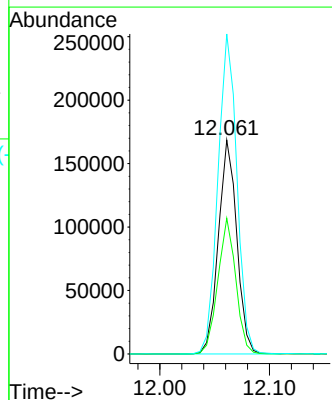
Tgt Ion:164	Resp:	4890
Ion	Ratio	Lower Upper
164	100	
166	132.6	103.4 155.2
129	94.7	70.8 106.2
131	86.3	72.5 108.7

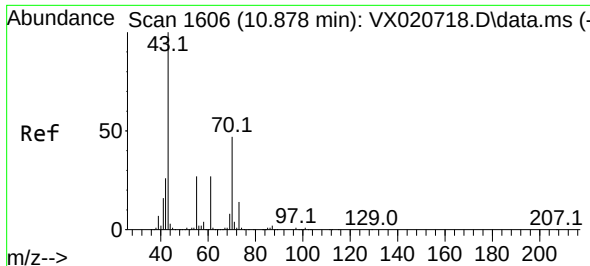


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020834.D
Acq: 03 Feb 2021 12:46



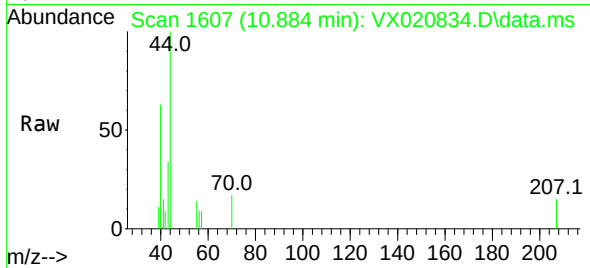
Tgt Ion:152	Resp:	197128
Ion	Ratio	Lower Upper
152	100	
115	62.0	41.1 123.3
150	154.4	0.0 349.0



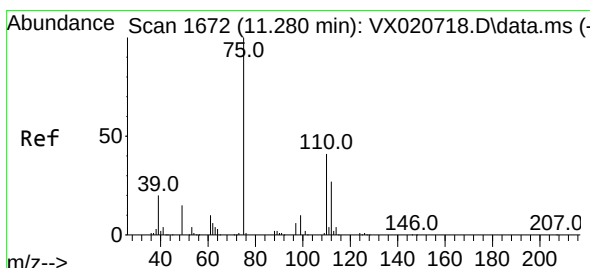
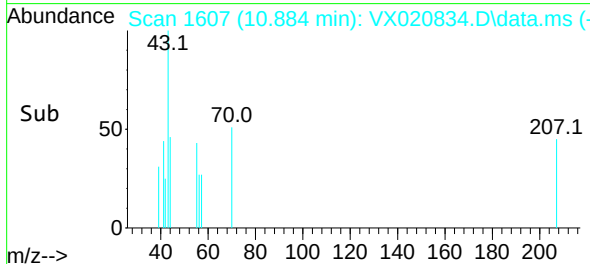
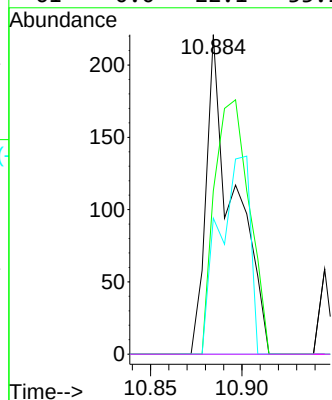


#74
N-amy1 acetate
Concen: 2.05 ug/l
RT: 10.884 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VX020834.D
Acq: 03 Feb 2021 12:46

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-238-240

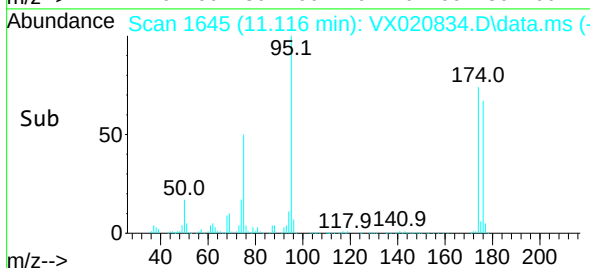
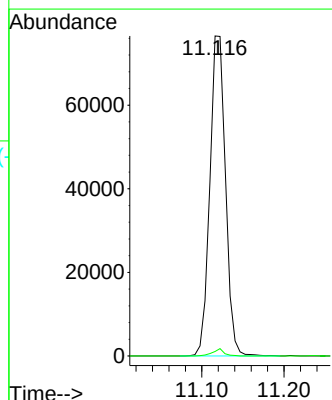
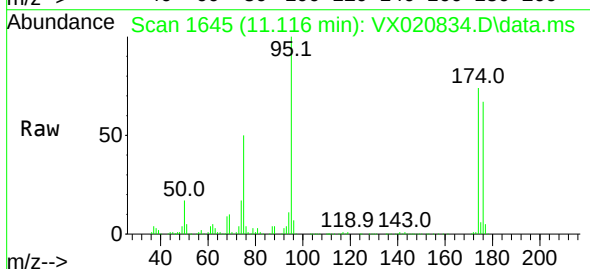


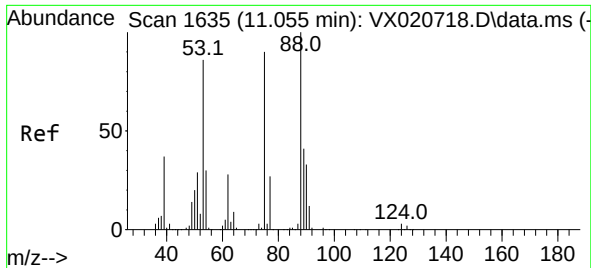
Tgt Ion:	43	Resp:	235
Ion Ratio	100	Lower	Upper
70	99.1	39.0	58.6#
55	68.9	21.5	32.3#
61	0.0	22.1	33.1#



#76
1,2,3-Trichloropropane
Concen: 22.17 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020834.D
Acq: 03 Feb 2021 12:46

Tgt Ion:	75	Resp:	101378
Ion Ratio	100	Lower	Upper
77	1.6	19.1	57.5#

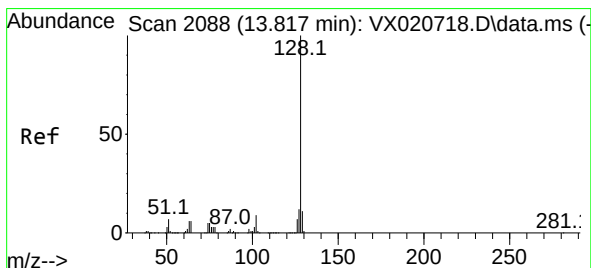
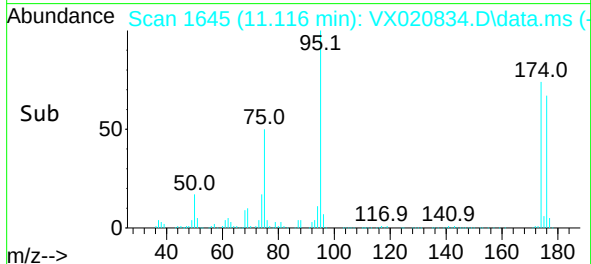
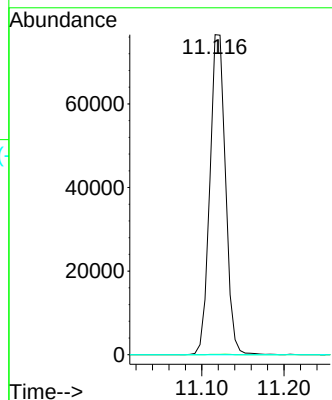
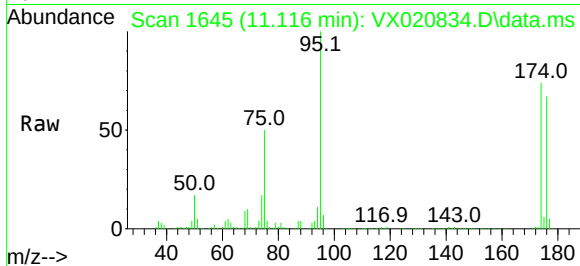




#81
trans-1,4-Dichloro-2-butene
Concen: 62.14 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020834.D
Acq: 03 Feb 2021 12:46

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-238-240

Tgt Ion: 75 Resp: 101378
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 2.90 ug/l
RT: 13.823 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VX020834.D
Acq: 03 Feb 2021 12:46

Tgt Ion: 128 Resp: 517
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

