

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013021\
 Data File : VX020818.D
 Acq On : 29 Jan 2021 21:28
 Operator : JC/SP
 Sample : M1296-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

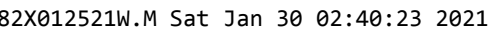
Quant Time: Jan 30 02:40:14 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:38:15 2021
 Response via : Initial Calibration

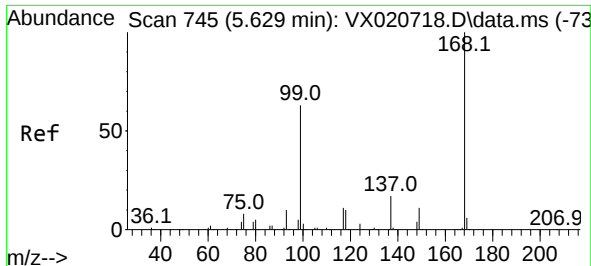
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.629	168	279225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	469824	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	436447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	174820	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	189479	49.75	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.50%		
35) Dibromofluoromethane	5.458	113	164972	51.26	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.52%		
50) Toluene-d8	8.696	98	579434	49.11	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.22%		
62) 4-Bromofluorobenzene	11.122	95	193391	42.21	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	84.42%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	1703	1.58	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.367	101	11863	4.37	ug/l	94
11) Tert butyl alcohol	3.001	59	461	0.65	ug/l #	73
12) 1,1-Dichloroethene	2.355	96	2465	0.92	ug/l	98
13) Acrolein	2.276	56	135	0.25	ug/l #	1
16) Acetone	2.416	43	3350	2.32	ug/l #	80
17) Carbon Disulfide	2.544	76	341	0.94	ug/l #	75
19) Methyl tert-butyl Ether	3.160	73	2164	0.22	ug/l	98
24) 1,1-Dichloroethane	3.672	63	3544	0.60	ug/l #	92
25) 2-Butanone	4.641	43	633	0.28	ug/l	95
27) cis-1,2-Dichloroethene	4.568	96	3559	0.97	ug/l	97
30) Chloroform	5.178	83	3389	0.56	ug/l	94
31) Cyclohexane	5.623	56	4870	0.95	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	20625	4.37	ug/l #	50
38) Carbon Tetrachloride	5.623	117	28091	5.67	ug/l #	18
39) Methylcyclohexane	7.184	83	3272	0.61	ug/l #	1
44) Trichloroethene	7.184	130	277107	74.99	ug/l	99
49) 1,4-Dioxane	7.708	88	894	10.59	ug/l	94
51) 4-Methyl-2-Pentanone	8.696	43	2182	0.49	ug/l #	1
60) Dibromochloromethane	9.317	129	5311	1.32	ug/l #	11
64) Tetrachloroethene	9.317	164	5579	1.67	ug/l	93
74) N-amyl acetate	10.890	43	176	2.05	ug/l #	12
76) 1,2,3-Trichloropropane	11.122	75	92484	22.81	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	92484	63.92	ug/l #	12
95) Naphthalene	13.823	128	232	2.89	ug/l #	69

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

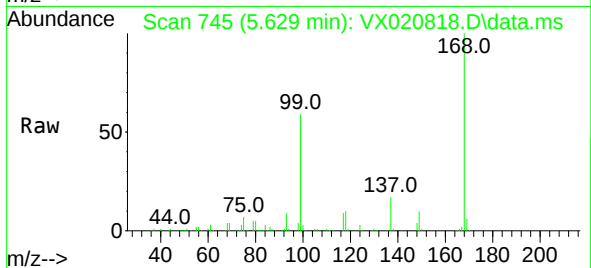
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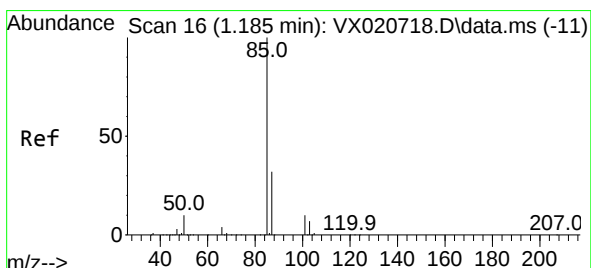
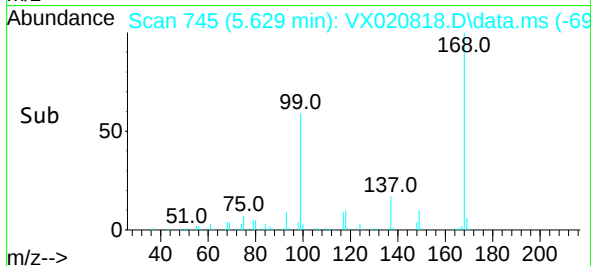
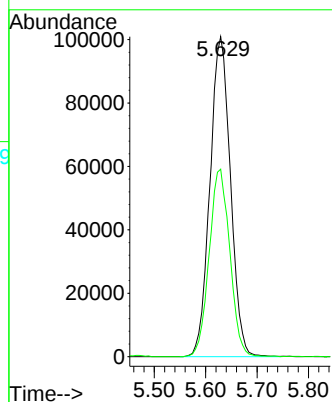


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX020818.D
Acq: 29 Jan 2021 21:28

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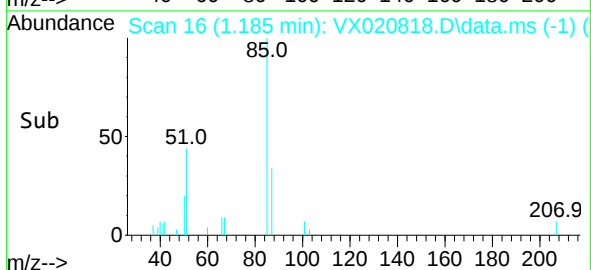
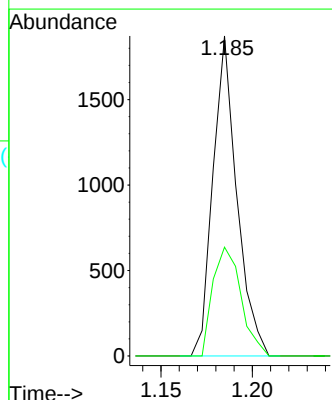
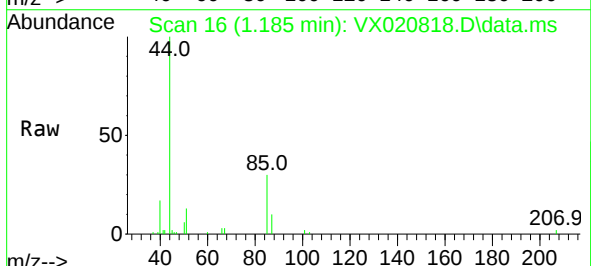


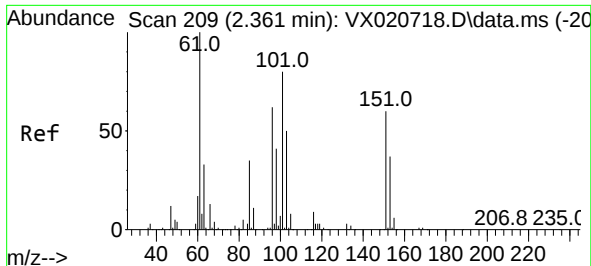
Tgt Ion:168 Resp: 279225
Ion Ratio Lower Upper
168 100
99 58.6 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 1.58 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX020818.D
Acq: 29 Jan 2021 21:28

Tgt Ion: 85 Resp: 1703
Ion Ratio Lower Upper
85 100
87 34.0 16.4 49.2

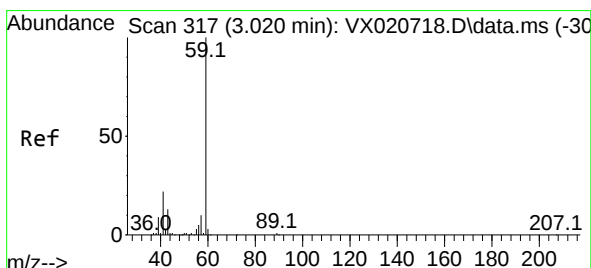
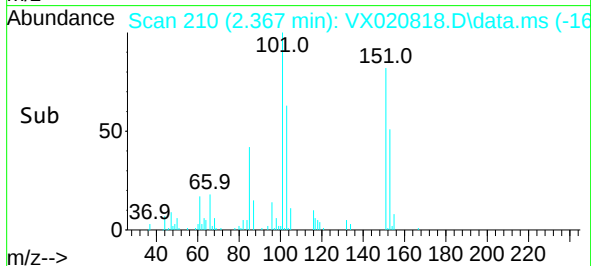
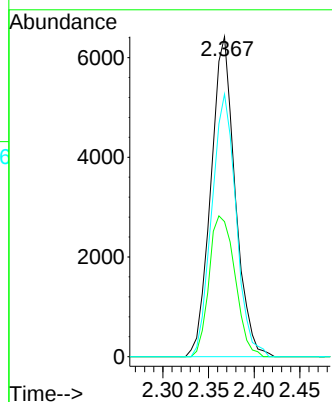
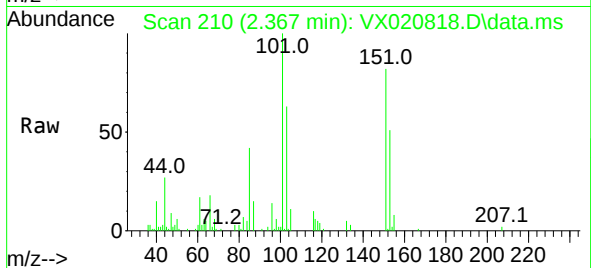




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.37 ug/l
RT: 2.367 min Scan# 210
Delta R.T. 0.006 min
Lab File: VX020818.D
Acq: 29 Jan 2021 21:28

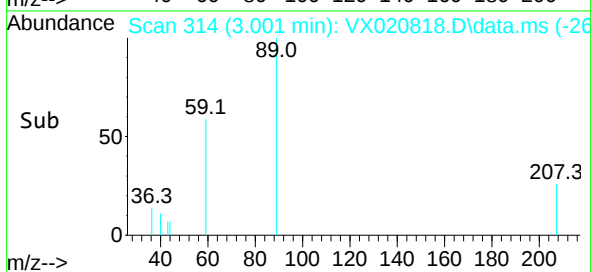
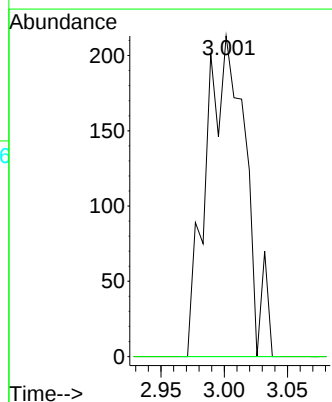
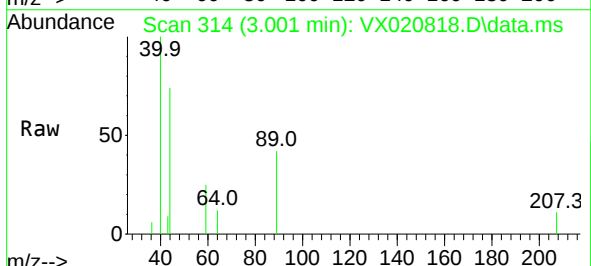
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-238-240

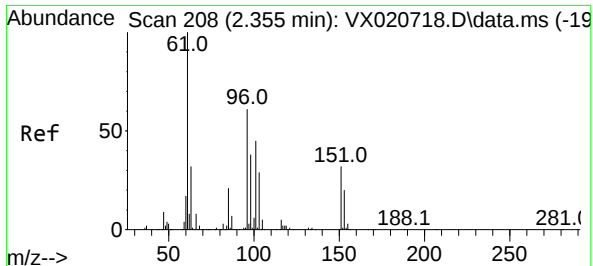
Tgt Ion:101 Resp: 11863
Ion Ratio Lower Upper
101 100
85 46.9 34.9 52.3
151 82.1 61.4 92.2



#11
Tert butyl alcohol
Concen: 0.65 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.019 min
Lab File: VX020818.D
Acq: 29 Jan 2021 21:28

Tgt Ion: 59 Resp: 461
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 0.92 ug/l

RT: 2.355 min Scan# 208

Delta R.T. 0.000 min

Lab File: VX020818.D

Acq: 29 Jan 2021 21:28

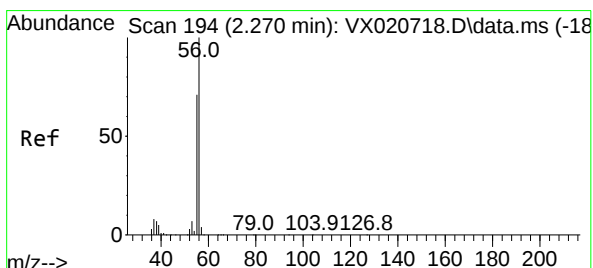
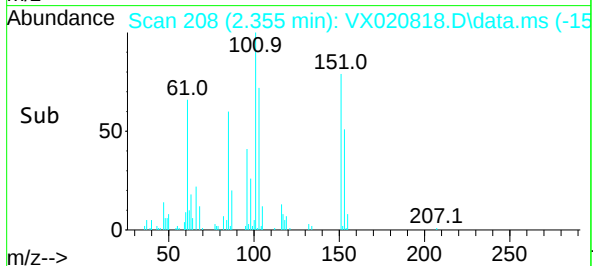
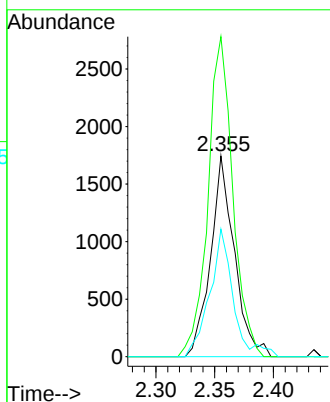
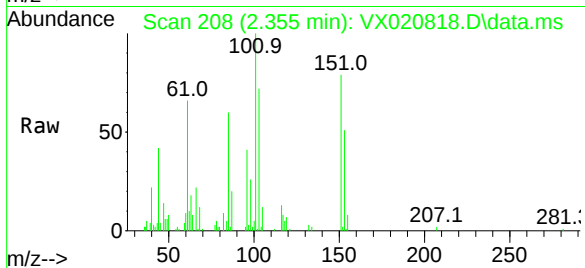
Tgt Ion:	96	Resp:	2465
Ion	Ratio	Lower	Upper
96	100		
61	159.5	124.6	187.0
98	63.6	50.6	76.0

Instrument :

MSVOA_X

ClientSampleId :

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



#13

Acrolein

Concen: 0.25 ug/l

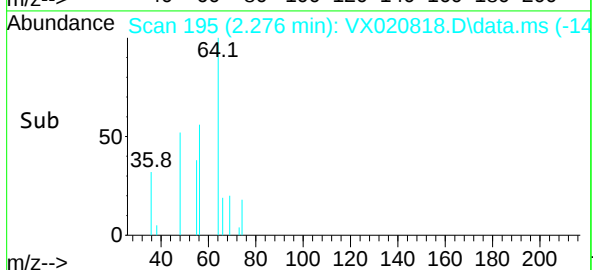
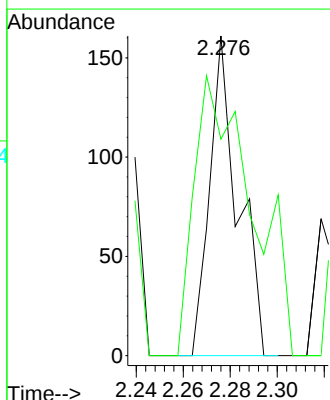
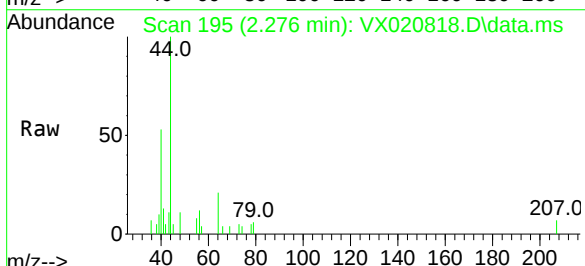
RT: 2.276 min Scan# 195

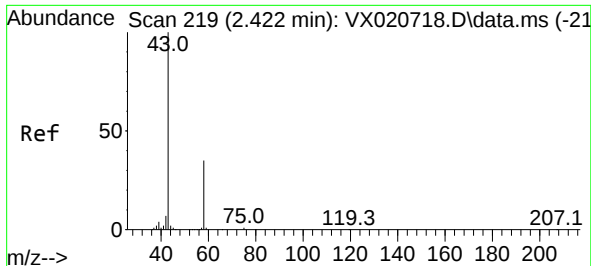
Delta R.T. 0.006 min

Lab File: VX020818.D

Acq: 29 Jan 2021 21:28

Tgt Ion:	56	Resp:	135
Ion	Ratio	Lower	Upper
56	100		
55	177.8	56.4	84.6

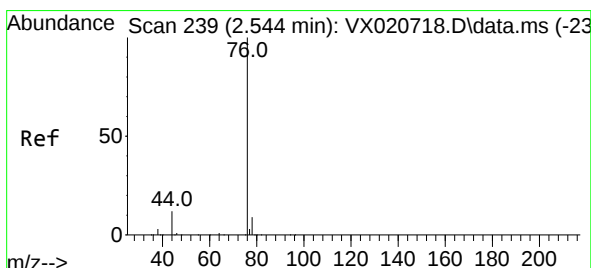
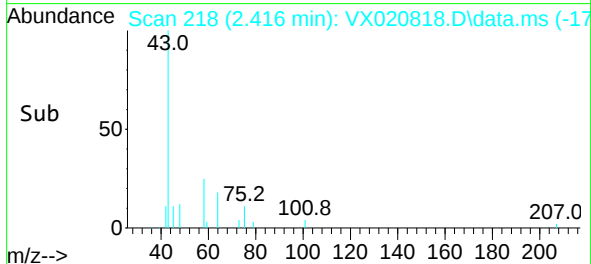
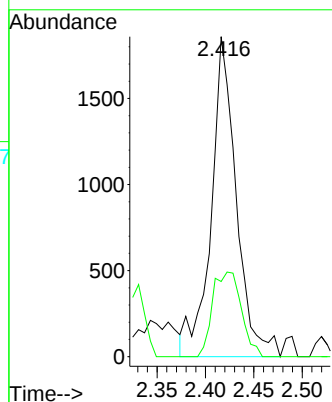
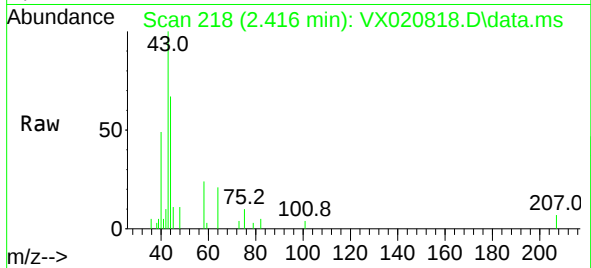




#16
Acetone
Concen: 2.32 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX020818.D
Acq: 29 Jan 2021 21:28

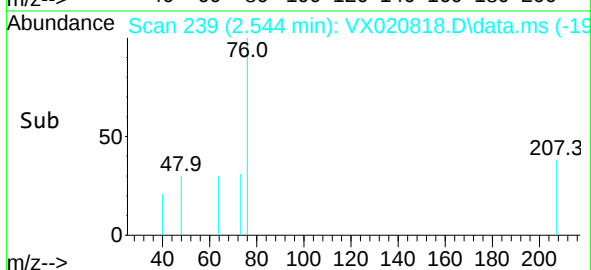
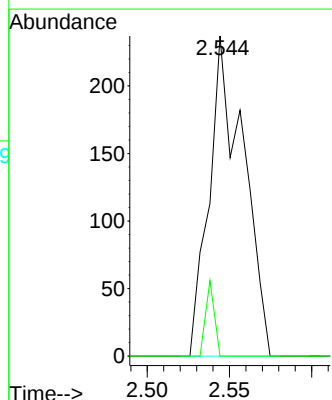
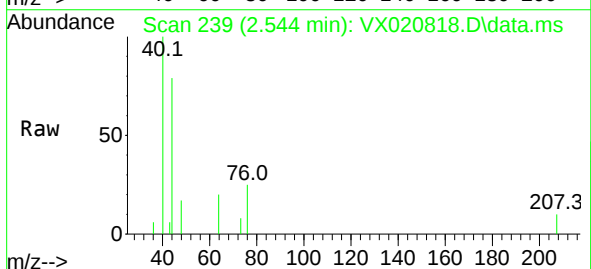
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-238-240

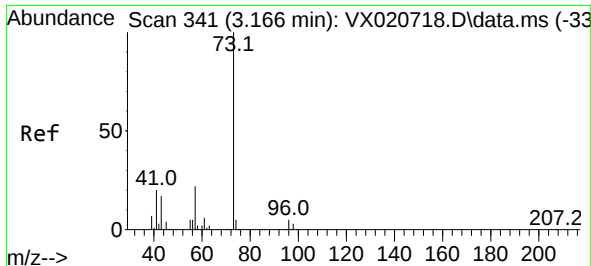
Tgt Ion: 43 Resp: 3350
Ion Ratio Lower Upper
43 100
58 23.5 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.94 ug/l
RT: 2.544 min Scan# 239
Delta R.T. 0.000 min
Lab File: VX020818.D
Acq: 29 Jan 2021 21:28

Tgt Ion: 76 Resp: 341
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

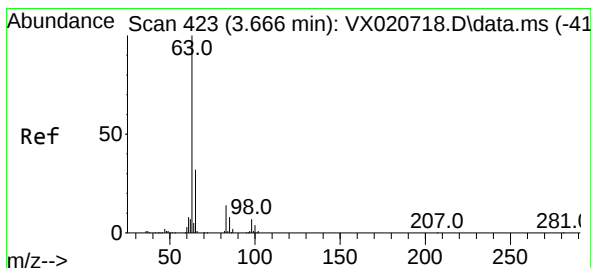
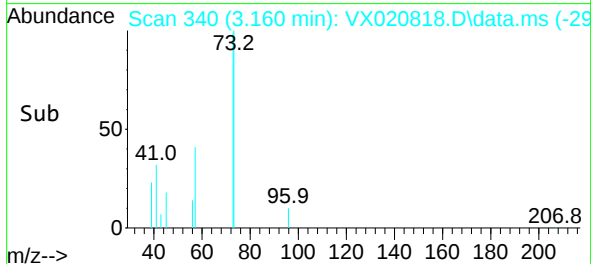
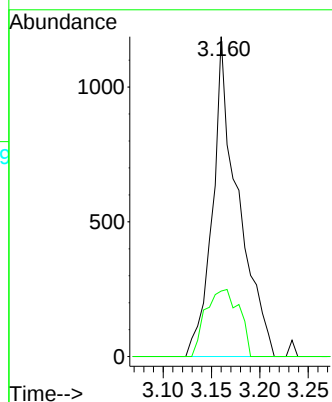
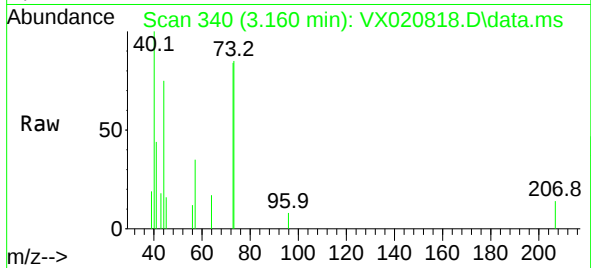




#19
Methyl tert-butyl Ether
Concen: 0.22 ug/l
RT: 3.160 min Scan# 340
Delta R.T. -0.006 min
Lab File: VX020818.D
Acq: 29 Jan 2021 21:28

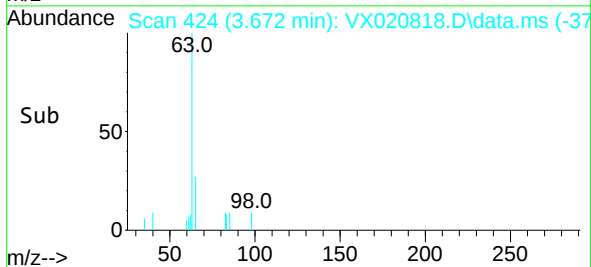
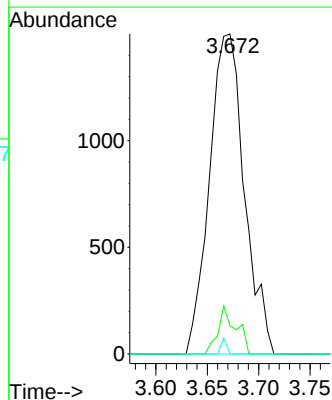
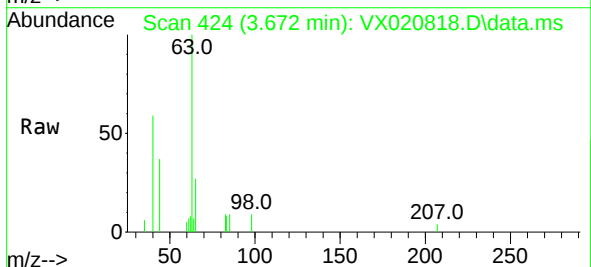
Instrument :
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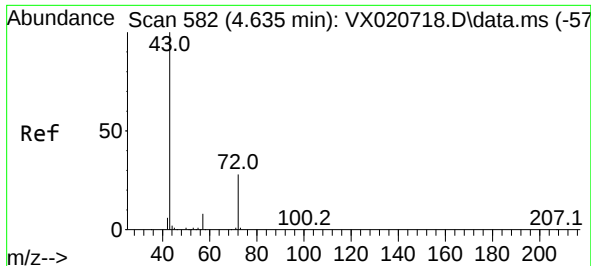
Tgt Ion: 73 Resp: 2164
Ion Ratio Lower Upper
73 100
57 20.5 17.1 25.7



#24
1,1-Dichloroethane
Concen: 0.60 ug/l
RT: 3.672 min Scan# 424
Delta R.T. 0.006 min
Lab File: VX020818.D
Acq: 29 Jan 2021 21:28

Tgt Ion: 63 Resp: 3544
Ion Ratio Lower Upper
63 100
98 8.8 3.8 11.2
100 0.0 2.5 7.5#

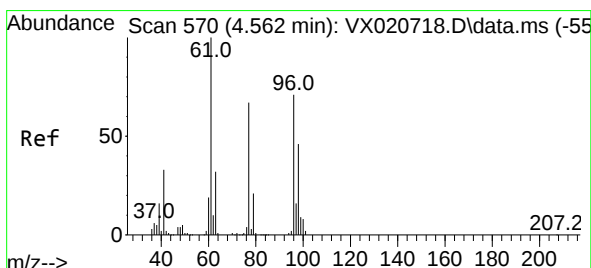
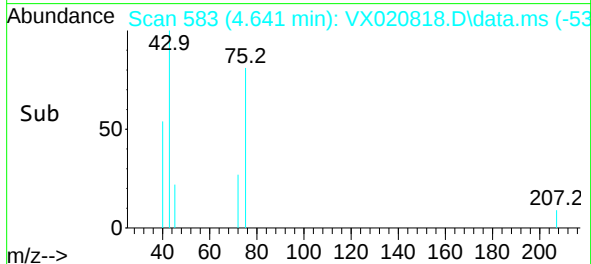
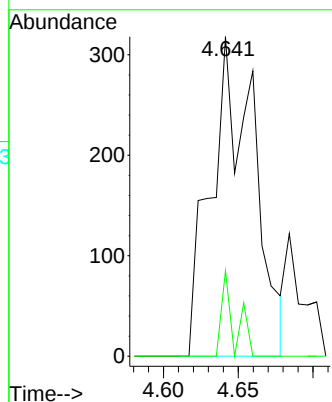
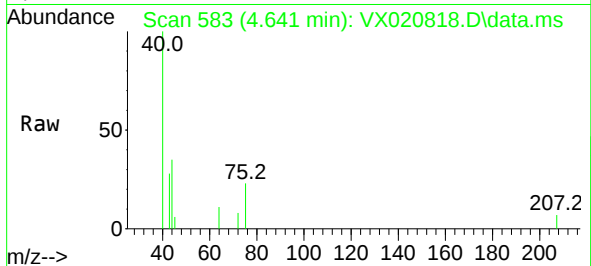




#25
2-Butanone
Concen: 0.28 ug/l
RT: 4.641 min Scan# 583
Delta R.T. 0.006 min
Lab File: VX020818.D
Acq: 29 Jan 2021 21:28

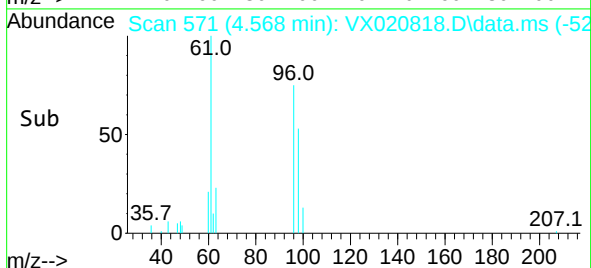
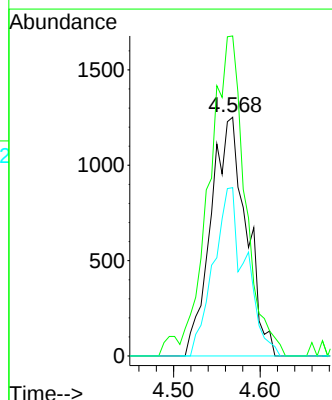
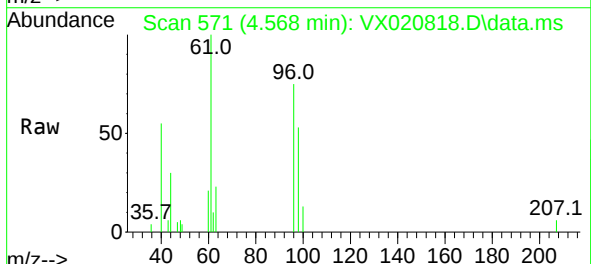
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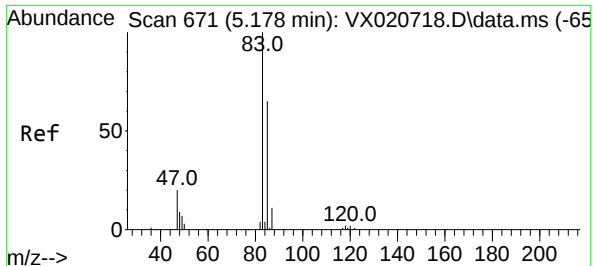
Tgt Ion: 43 Resp: 633
Ion Ratio Lower Upper
43 100
72 26.7 23.7 35.5



#27
cis-1,2-Dichloroethene
Concen: 0.97 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX020818.D
Acq: 29 Jan 2021 21:28

Tgt Ion: 96 Resp: 3559
Ion Ratio Lower Upper
96 100
61 138.9 0.0 285.6
98 63.8 0.0 129.6





#30

Chloroform

Concen: 0.56 ug/l

RT: 5.178 min Scan# 671

Delta R.T. -0.000 min

Lab File: VX020818.D

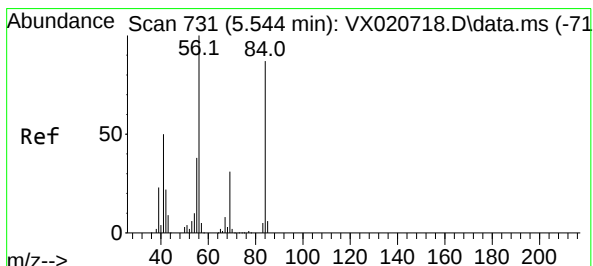
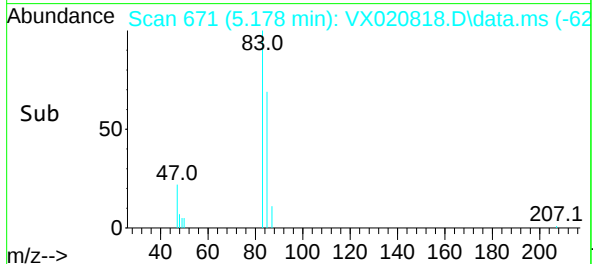
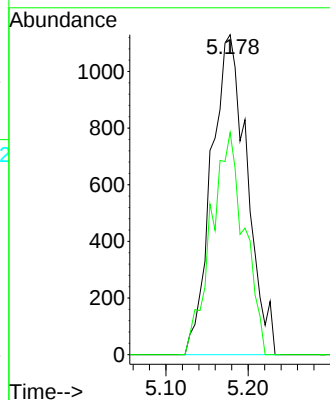
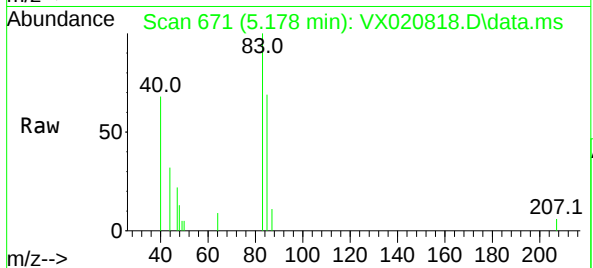
Acq: 29 Jan 2021 21:28

Tgt Ion: 83 Resp: 3389

Ion Ratio Lower Upper

83 100

85 69.5 52.0 78.0



#31

Cyclohexane

Concen: 0.95 ug/l

RT: 5.623 min Scan# 744

Delta R.T. 0.079 min

Lab File: VX020818.D

Acq: 29 Jan 2021 21:28

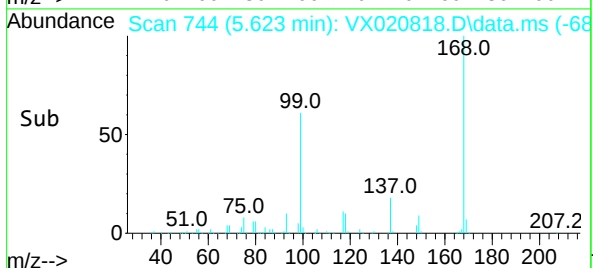
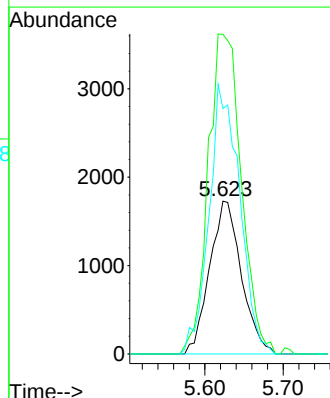
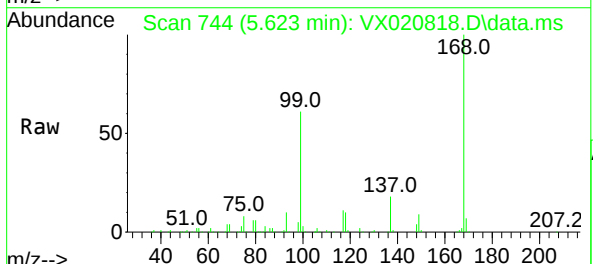
Tgt Ion: 56 Resp: 4870

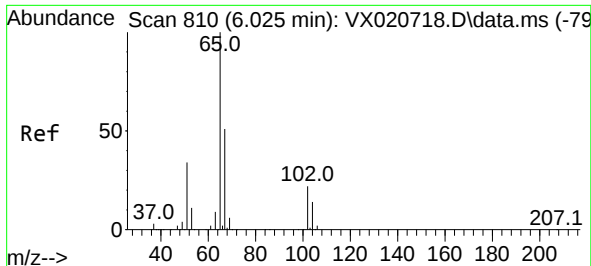
Ion Ratio Lower Upper

56 100

69 209.3 25.3 37.9#

84 160.7 71.4 107.0#

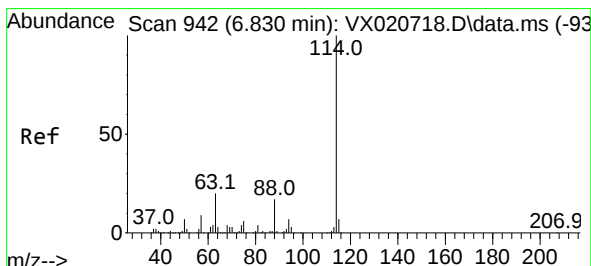
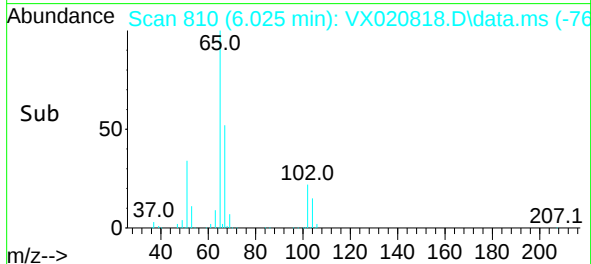
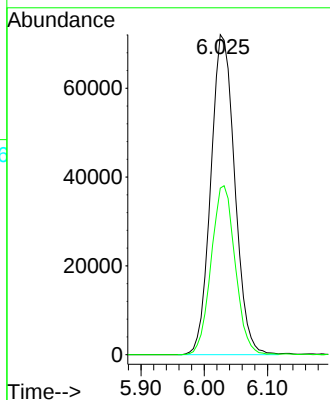
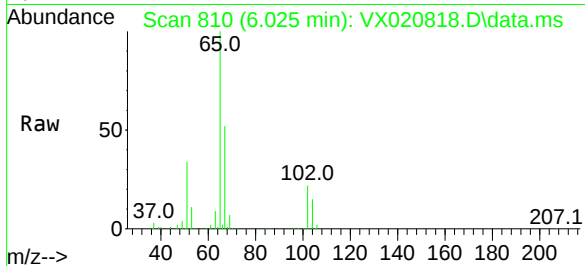




#33
1,2-Dichloroethane-d4
Concen: 49.75 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020818.D
Acq: 29 Jan 2021 21:28

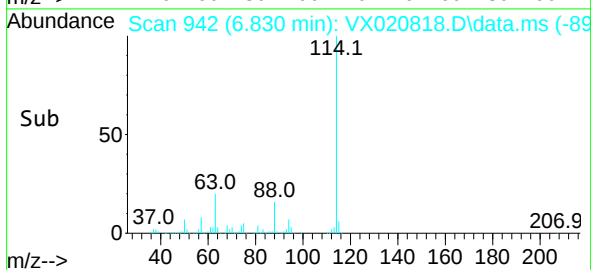
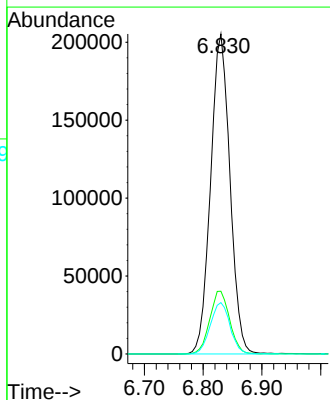
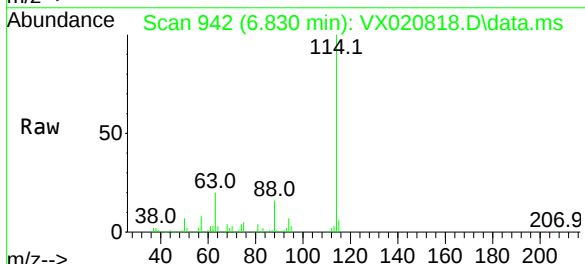
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-238-240

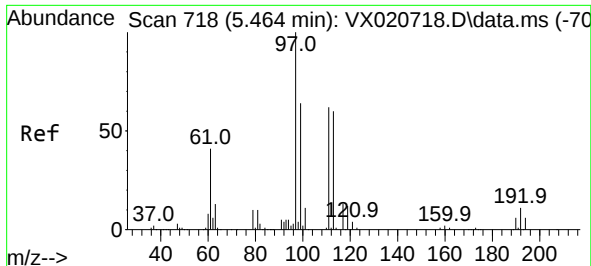
Tgt Ion: 65 Resp: 189479
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX020818.D
Acq: 29 Jan 2021 21:28

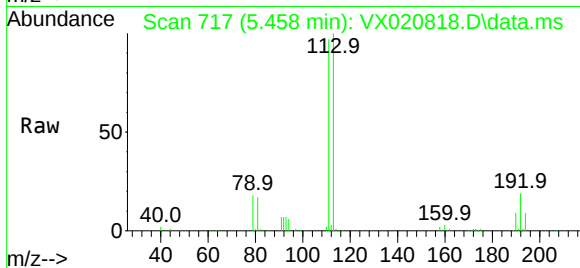
Tgt Ion: 114 Resp: 469824
Ion Ratio Lower Upper
114 100
63 19.6 0.0 40.8
88 16.0 0.0 32.8



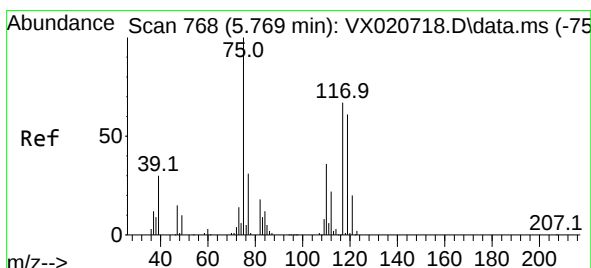
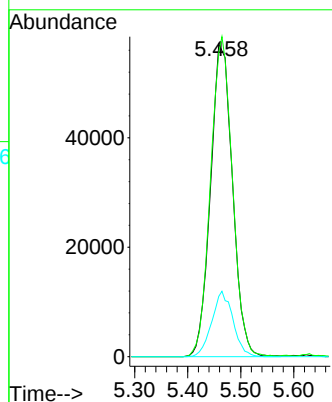
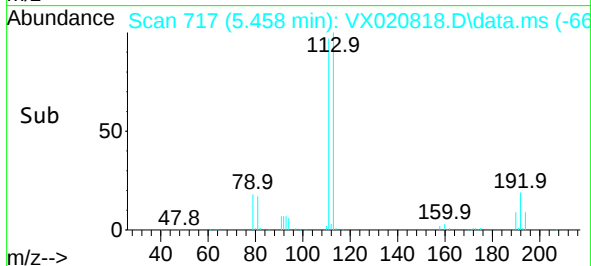


#35
Dibromofluoromethane
Concen: 51.26 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX020818.D
Acq: 29 Jan 2021 21:28

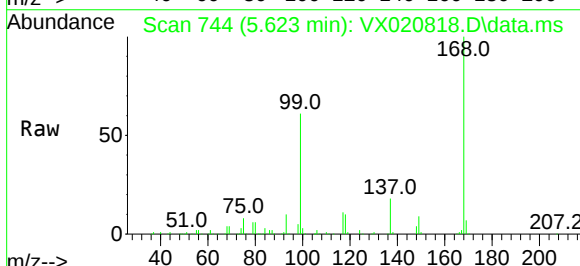
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-238-240



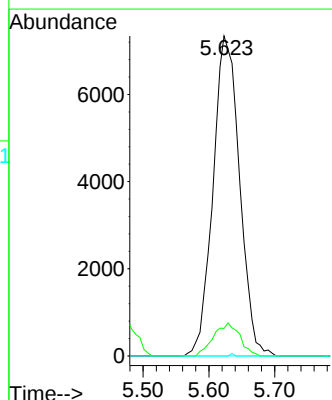
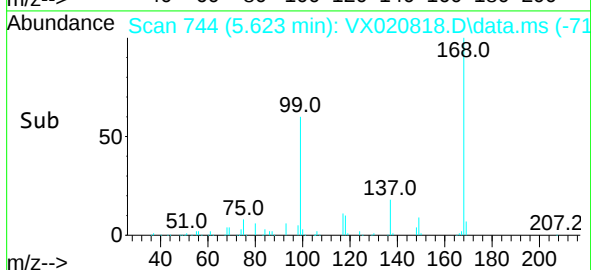
Tgt Ion:113 Resp: 164972
Ion Ratio Lower Upper
113 100
111 101.4 81.9 122.9
192 20.1 16.7 25.1

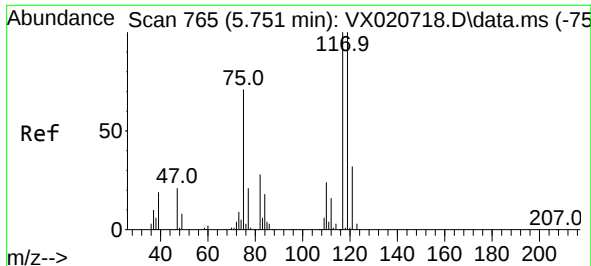


#36
1,1-Dichloropropene
Concen: 4.37 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020818.D
Acq: 29 Jan 2021 21:28



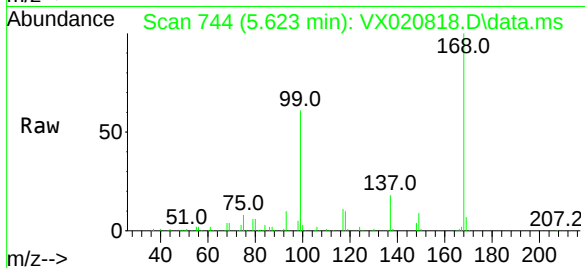
Tgt Ion: 75 Resp: 20625
Ion Ratio Lower Upper
75 100
110 10.2 18.1 54.4#
77 0.1 25.3 37.9#



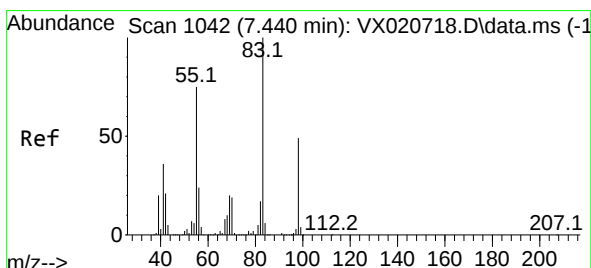
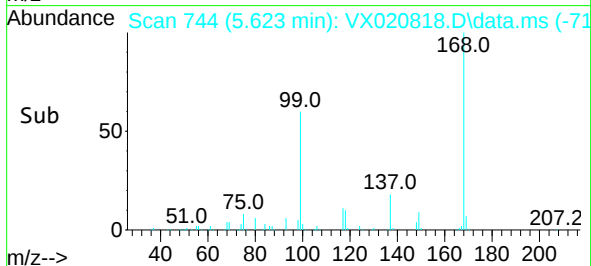
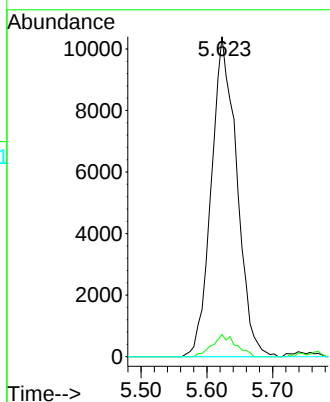


#38
Carbon Tetrachloride
Concen: 5.67 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX020818.D
Acq: 29 Jan 2021 21:28

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

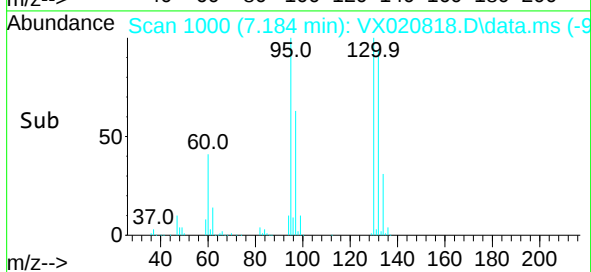
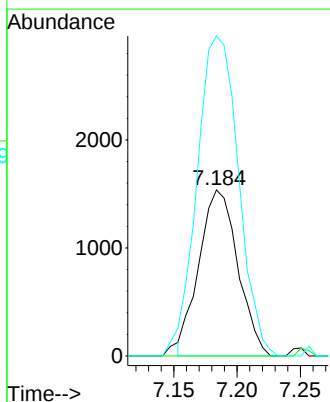
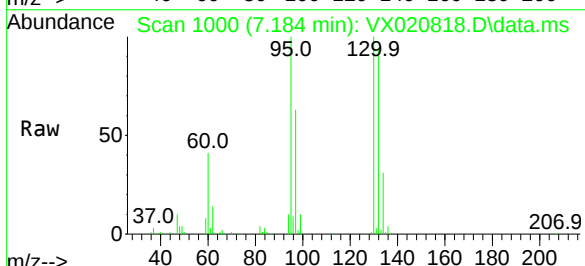


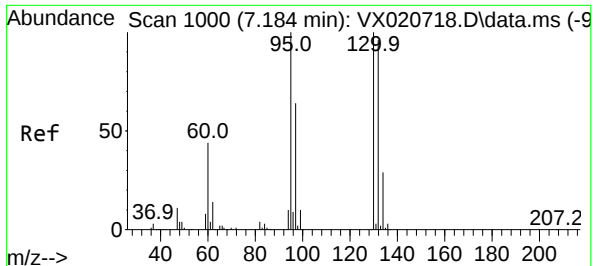
Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.9	76.2	114.2#
121	0.0	24.8	37.2#



#39
Methylcyclohexane
Concen: 0.61 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. -0.256 min
Lab File: VX020818.D
Acq: 29 Jan 2021 21:28

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.9	88.3#
98	192.7	38.1	57.1#

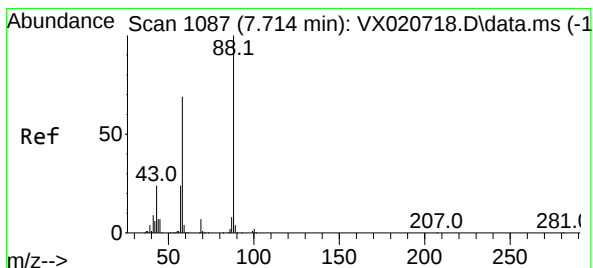
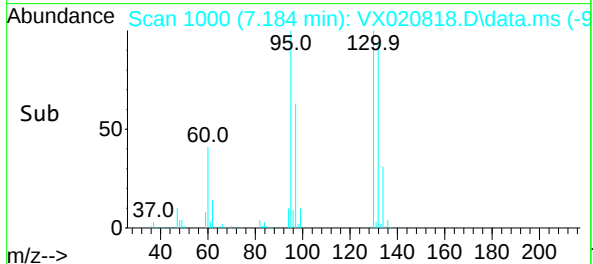
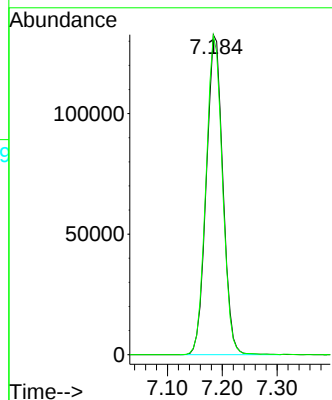
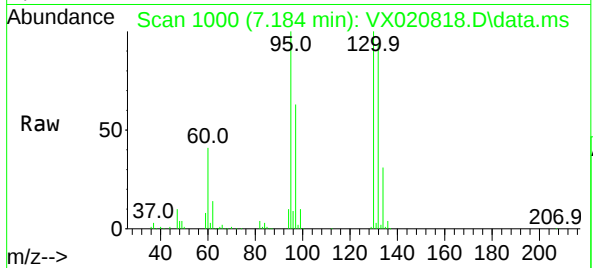




#44
Trichloroethene
Concen: 74.99 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VX020818.D
Acq: 29 Jan 2021 21:28

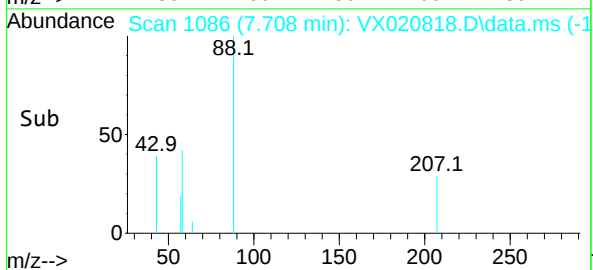
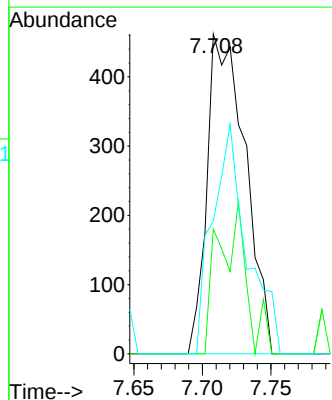
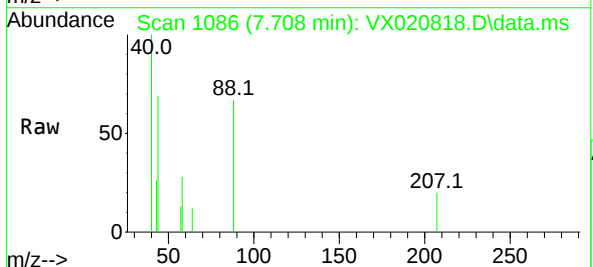
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-238-240

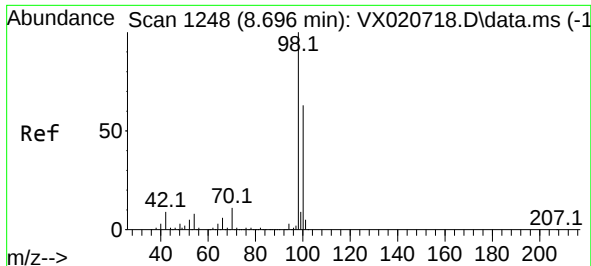
Tgt Ion:130 Resp: 277107
Ion Ratio Lower Upper
130 100
95 99.8 0.0 198.0



#49
1,4-Dioxane
Concen: 10.59 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VX020818.D
Acq: 29 Jan 2021 21:28

Tgt Ion: 88 Resp: 894
Ion Ratio Lower Upper
88 100
43 34.8 23.2 34.8
58 65.1 55.0 82.4

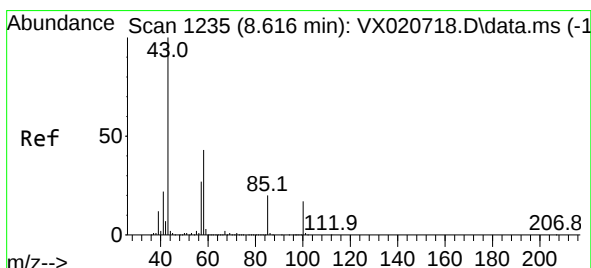
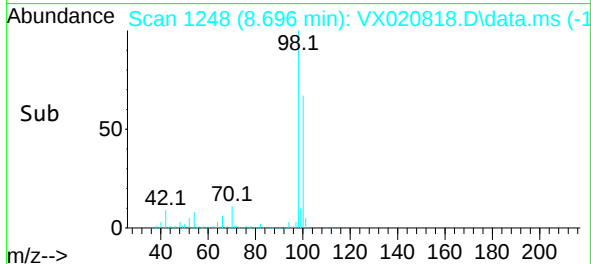
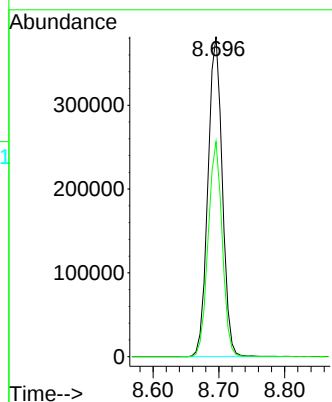
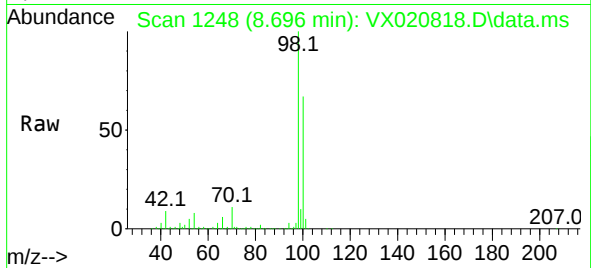




#50
Toluene-d8
Concen: 49.11 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020818.D
Acq: 29 Jan 2021 21:28

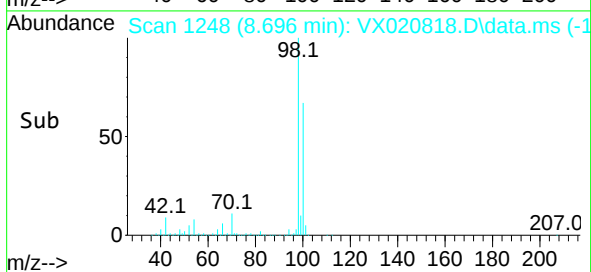
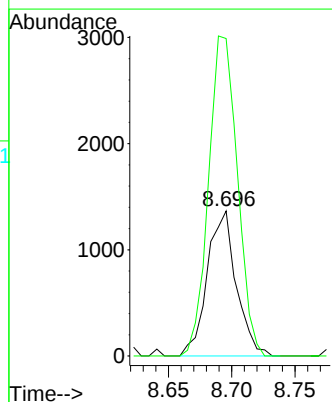
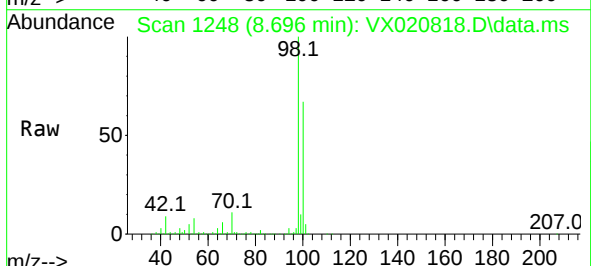
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-238-240

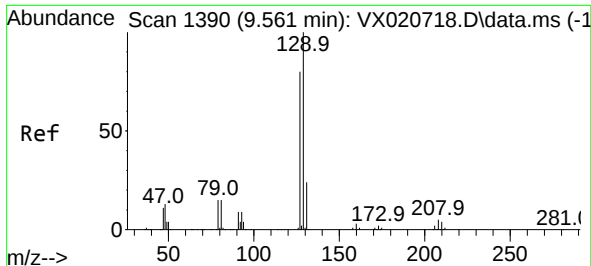
Tgt Ion: 98 Resp: 579434
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.49 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.080 min
Lab File: VX020818.D
Acq: 29 Jan 2021 21:28

Tgt Ion: 43 Resp: 2182
Ion Ratio Lower Upper
43 100
58 219.4 35.4 53.0#

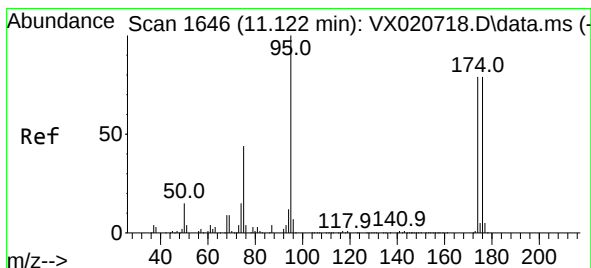
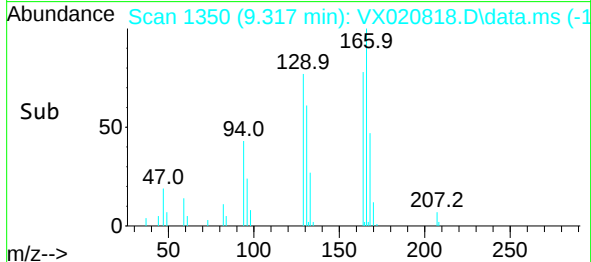
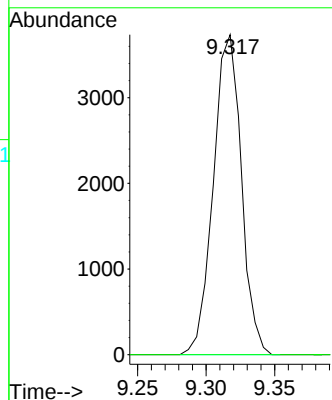
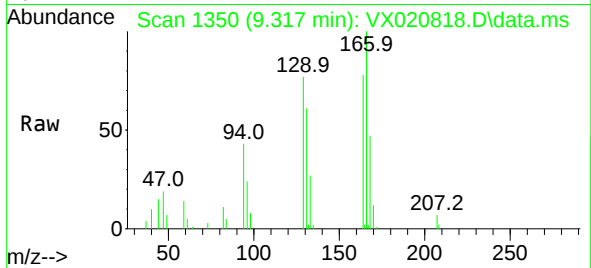




#60
Dibromochloromethane
Concen: 1.32 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. -0.244 min
Lab File: VX020818.D
Acq: 29 Jan 2021 21:28

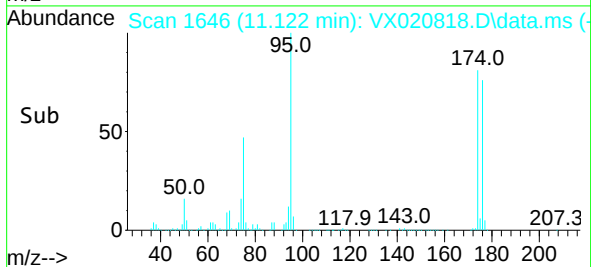
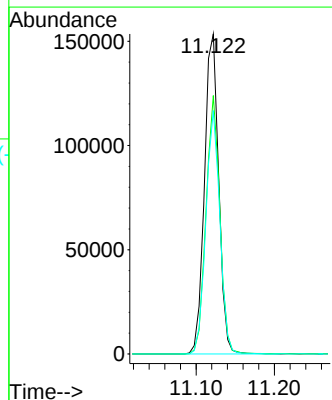
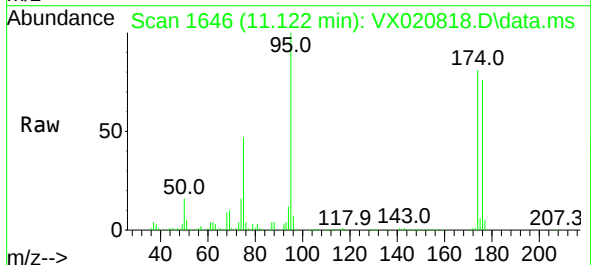
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-238-240

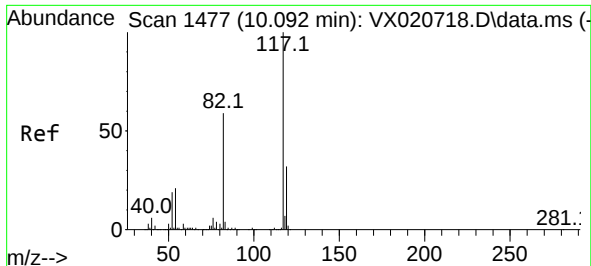
Tgt Ion:129 Resp: 5311
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 42.21 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020818.D
Acq: 29 Jan 2021 21:28

Tgt Ion: 95 Resp: 193391
Ion Ratio Lower Upper
95 100
174 78.4 0.0 154.6
176 74.8 0.0 155.8

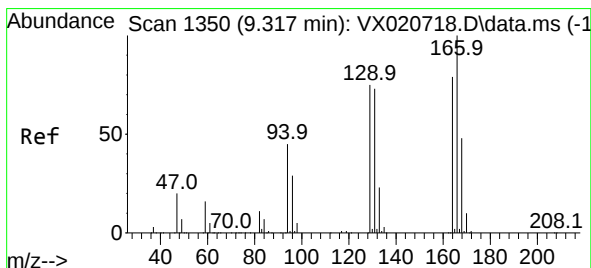
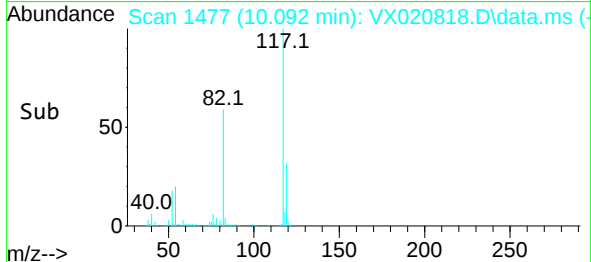
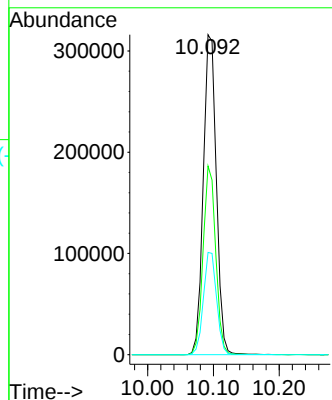
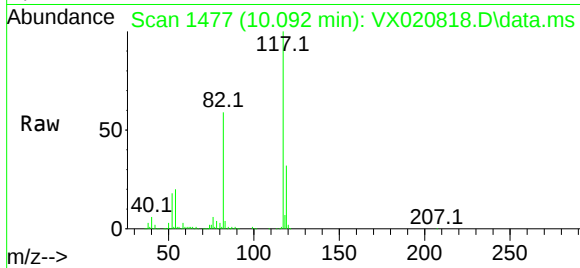




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020818.D
Acq: 29 Jan 2021 21:28

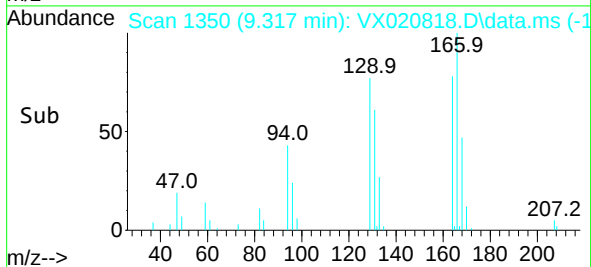
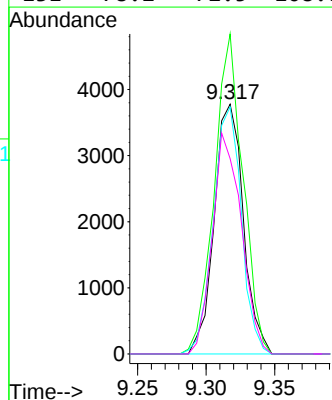
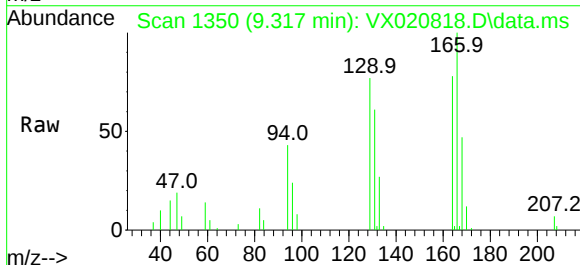
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-238-240

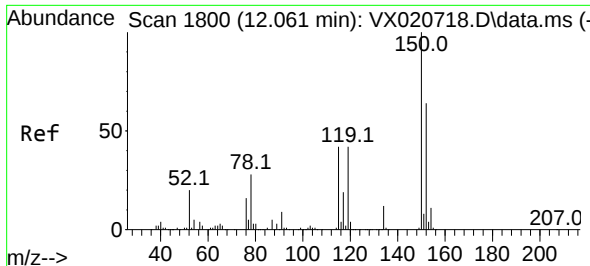
Tgt Ion:117	Resp:	436447
Ion Ratio	Lower	Upper
117	100	
82	58.9	47.4 71.2
119	32.0	26.6 39.8



#64
Tetrachloroethene
Concen: 1.67 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020818.D
Acq: 29 Jan 2021 21:28

Tgt Ion:164	Resp:	5579
Ion Ratio	Lower	Upper
164	100	
166	128.1	103.4 155.2
129	98.9	70.8 106.2
131	78.2	72.5 108.7

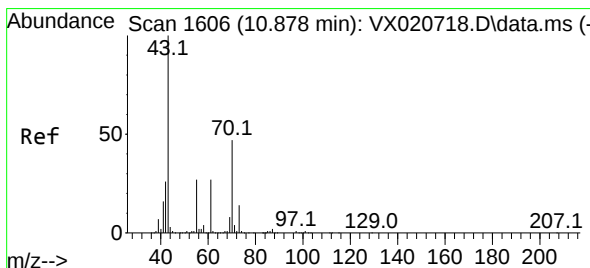
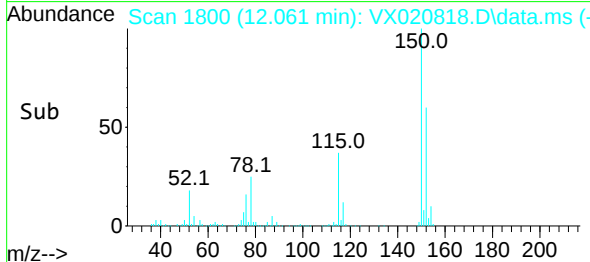
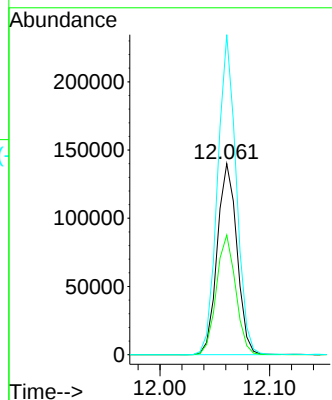
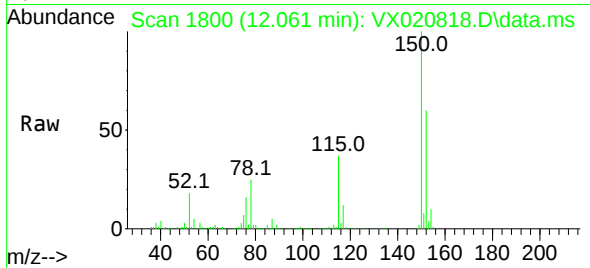




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020818.D
Acq: 29 Jan 2021 21:28

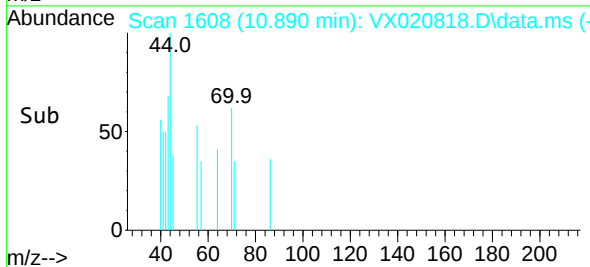
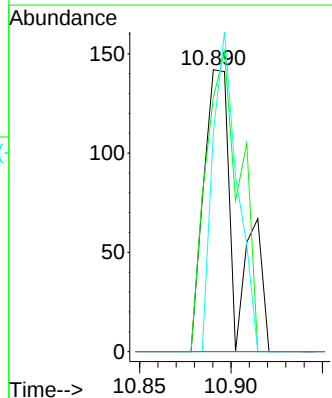
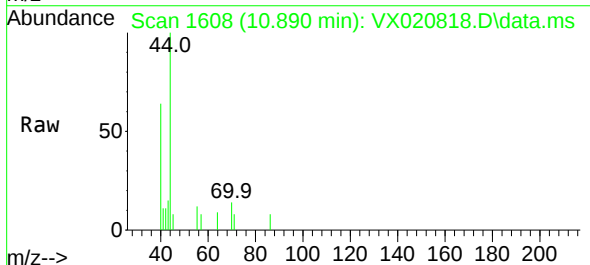
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-238-240

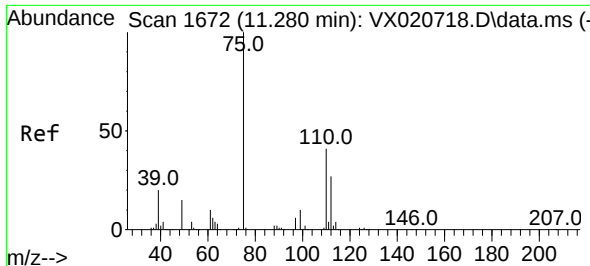
Tgt Ion:152 Resp: 174820
Ion Ratio Lower Upper
152 100
115 61.2 41.1 123.3
150 159.1 0.0 349.0



#74
N-ethyl acetate
Concen: 2.05 ug/l
RT: 10.890 min Scan# 1608
Delta R.T. 0.012 min
Lab File: VX020818.D
Acq: 29 Jan 2021 21:28

Tgt Ion: 43 Resp: 176
Ion Ratio Lower Upper
43 100
70 111.9 39.0 58.6#
55 85.8 21.5 32.3#
61 0.0 22.1 33.1#

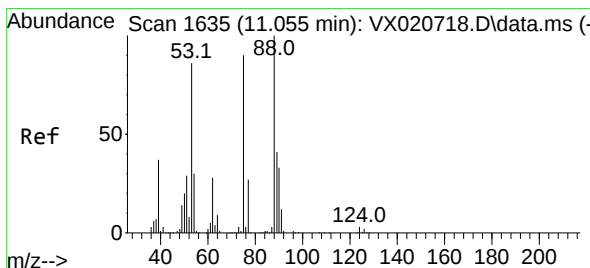
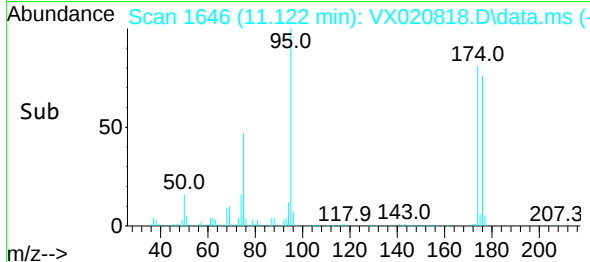
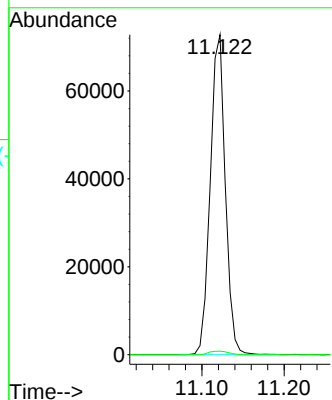
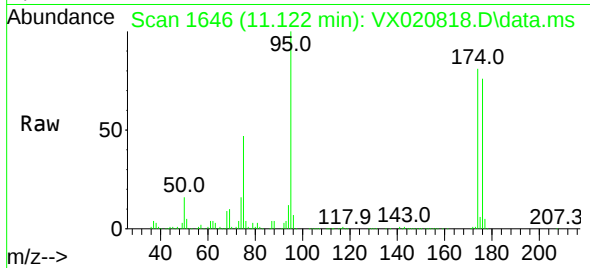




#76
1,2,3-Trichloropropane
Concen: 22.81 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020818.D
Acq: 29 Jan 2021 21:28

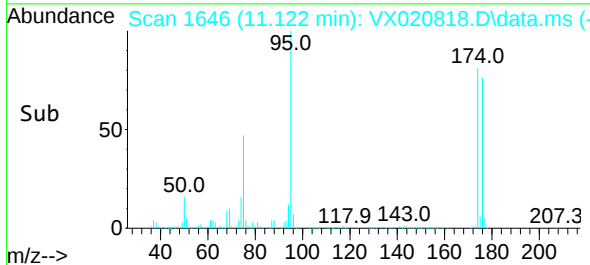
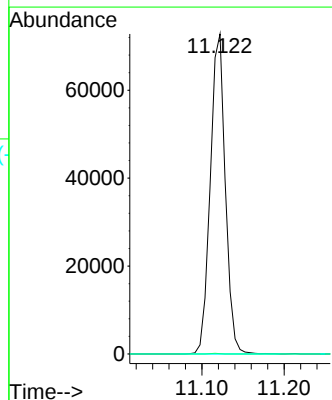
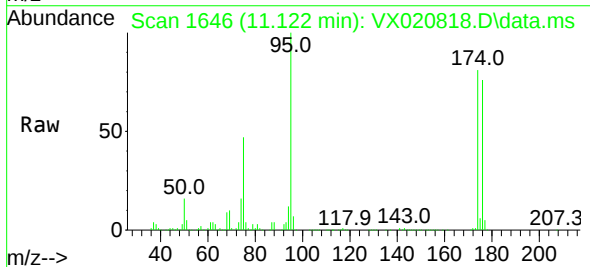
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-238-240

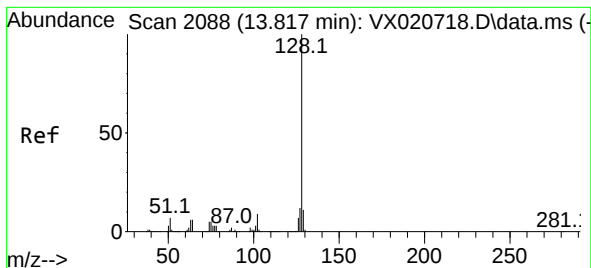
Tgt Ion: 75 Resp: 92484
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.92 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020818.D
Acq: 29 Jan 2021 21:28

Tgt Ion: 75 Resp: 92484
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 2.89 ug/l
RT: 13.823 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VX020818.D
Acq: 29 Jan 2021 21:28

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

Tgt Ion:128 Resp: 232
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

