

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030221\
 Data File : VX020953.D
 Acq On : 01 Mar 2021 22:37
 Operator : JC/MD
 Sample : M1522-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-VPB-RW6-GW-688-690

Quant Time: Mar 02 00:34:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

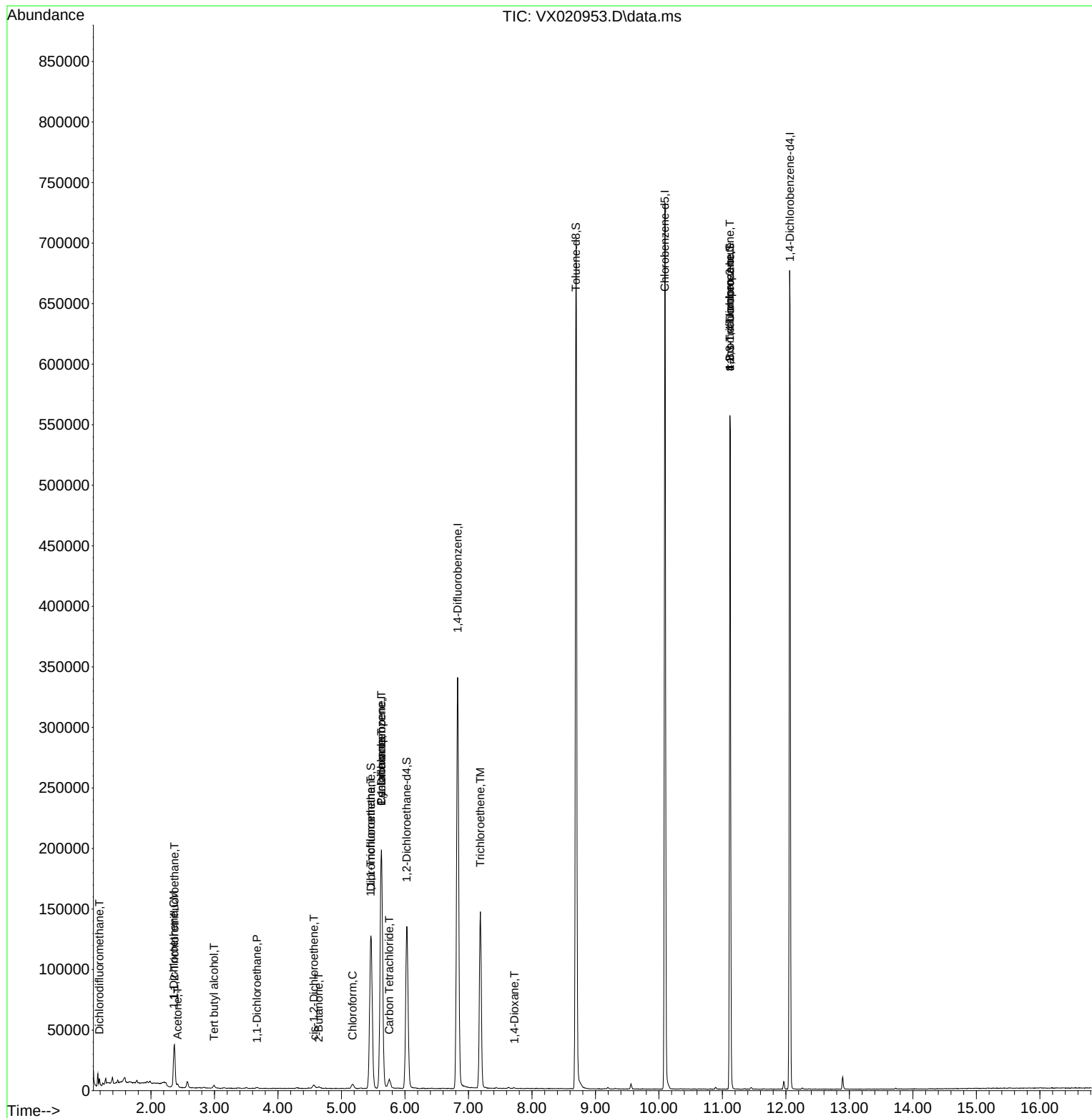
Internal Standards						
1) Pentafluorobenzene	5.629	168	197799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	356404	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	349361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	146963	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	128860	48.23	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.46%
35) Dibromofluoromethane	5.464	113	112669	52.03	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.06%
50) Toluene-d8	8.694	98	443562	52.53	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.06%
62) 4-Bromofluorobenzene	11.118	95	158089	50.64	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.28%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	2242	1.05	ug/l	96
5) Bromomethane	1.646	94	274	Below Cal	#	80
9) 1,1,2-Trichlorotrifluo...	2.370	101	12312	5.79	ug/l	97
11) Tert butyl alcohol	2.993	59	1366	2.30	ug/l #	73
12) 1,1-Dichloroethene	2.358	96	3090	1.40	ug/l	89
16) Acetone	2.417	43	2868	2.61	ug/l	93
24) 1,1-Dichloroethane	3.670	63	1065	0.25	ug/l #	81
25) 2-Butanone	4.641	43	497	0.30	ug/l #	45
27) cis-1,2-Dichloroethene	4.564	96	1927	0.67	ug/l	96
30) Chloroform	5.176	83	4184	0.97	ug/l	89
31) Cyclohexane	5.629	56	3784	0.98	ug/l #	1
32) 1,1,1-Trichloroethane	5.458	97	885	0.24	ug/l #	49
36) 1,1-Dichloropropene	5.629	75	14700	4.34	ug/l #	48
38) Carbon Tetrachloride	5.752	117	6060	1.85	ug/l	99
44) Trichloroethene	7.188	130	58926	22.07	ug/l	90
49) 1,4-Dioxane	7.723	88	525	8.18	ug/l	95
76) 1,2,3-Trichloropropane	11.118	75	76635	24.24	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	76635	53.67	ug/l #	12

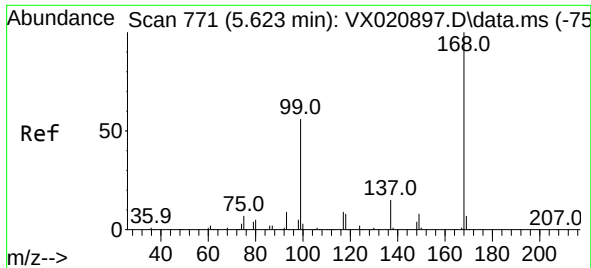
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 24 13:50:55 2021
Response via : Initial Calibration

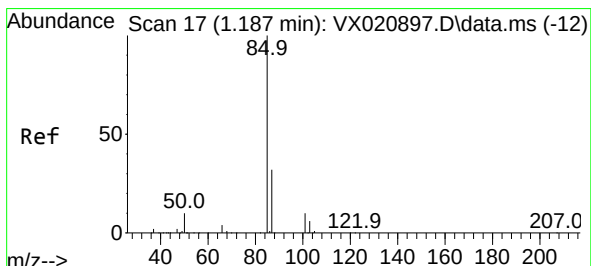
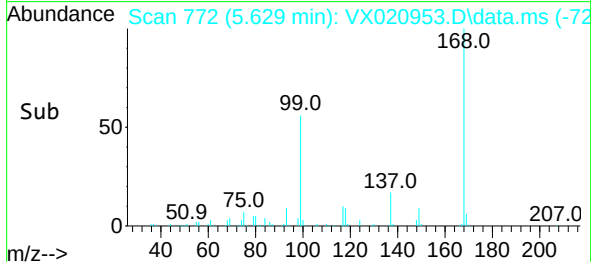
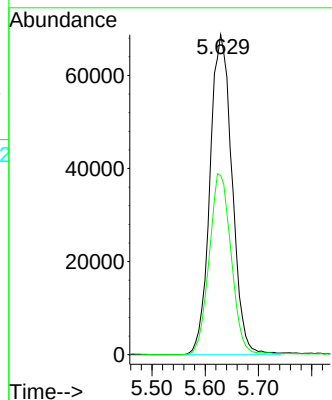
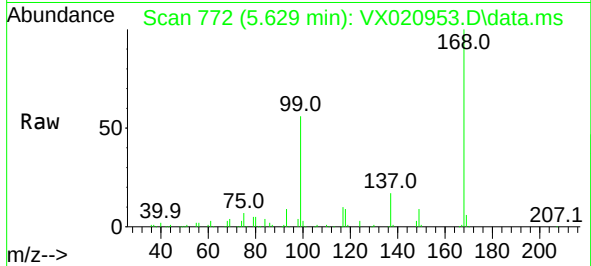




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX020953.D
Acq: 01 Mar 2021 22:37

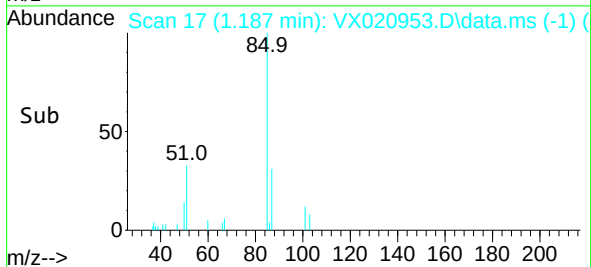
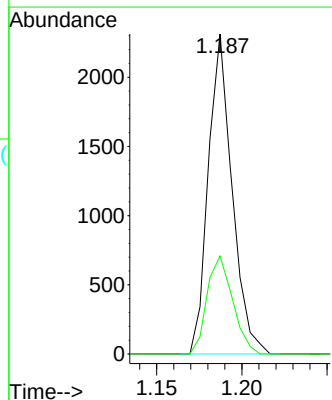
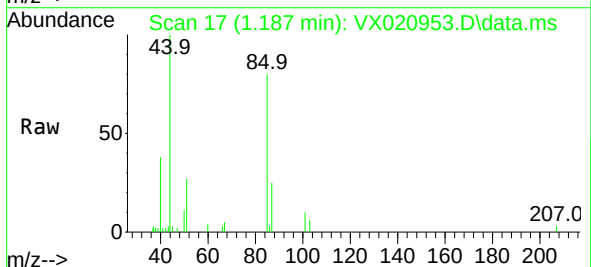
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-688-690

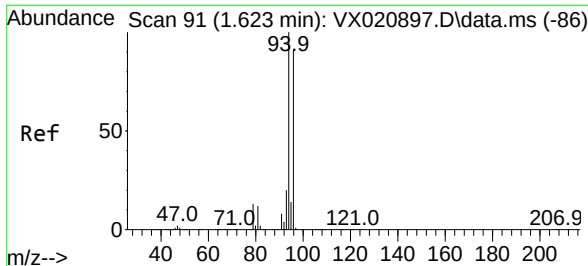
Tgt Ion:168 Resp: 197799
Ion Ratio Lower Upper
168 100
99 56.0 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 1.05 ug/l
RT: 1.187 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX020953.D
Acq: 01 Mar 2021 22:37

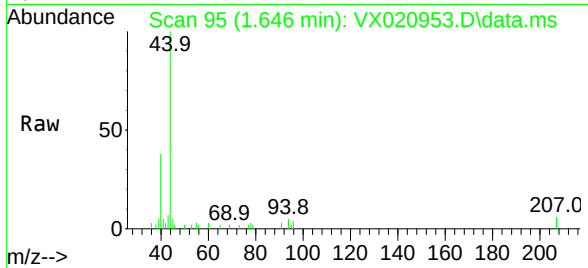
Tgt Ion: 85 Resp: 2242
Ion Ratio Lower Upper
85 100
87 30.6 16.4 49.2



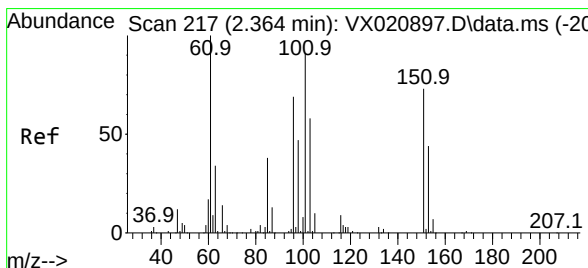
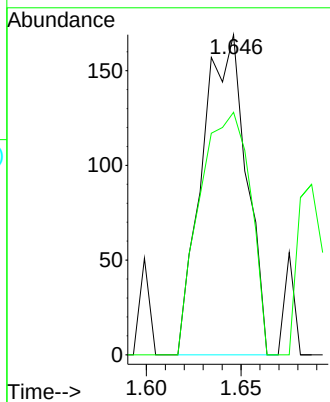
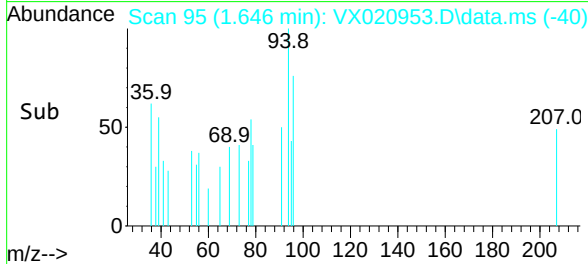


#5
Bromomethane
Concen: Below Cal
RT: 1.646 min Scan# 95
Delta R.T. 0.023 min
Lab File: VX020953.D
Acq: 01 Mar 2021 22:37

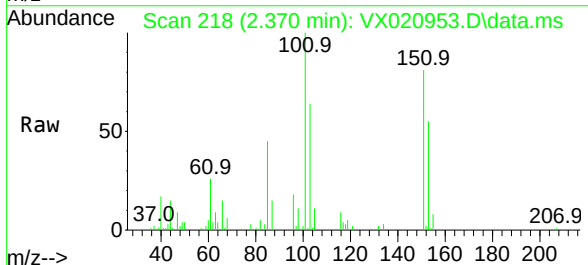
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-688-690



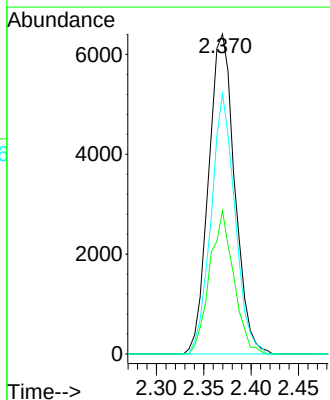
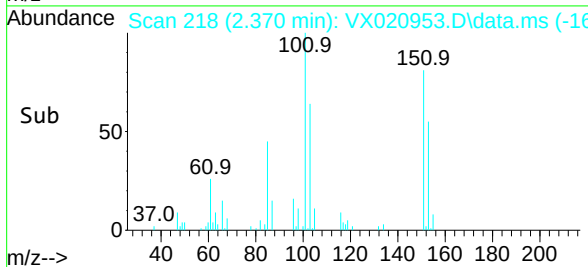
Tgt Ion: 94 Resp: 274
Ion Ratio Lower Upper
94 100
96 75.7 76.4 114.6#

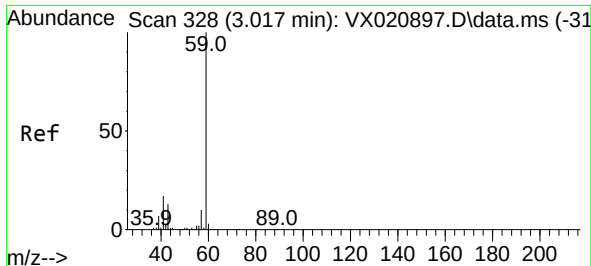


#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.79 ug/l
RT: 2.370 min Scan# 218
Delta R.T. 0.006 min
Lab File: VX020953.D
Acq: 01 Mar 2021 22:37



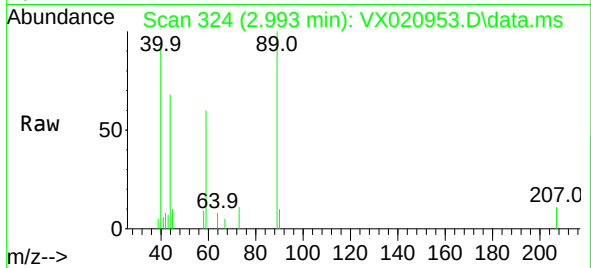
Tgt Ion: 101 Resp: 12312
Ion Ratio Lower Upper
101 100
85 41.1 34.9 52.3
151 74.5 61.4 92.2



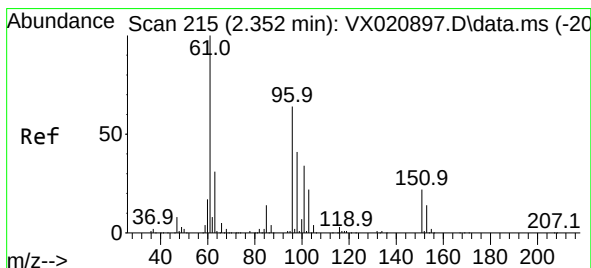
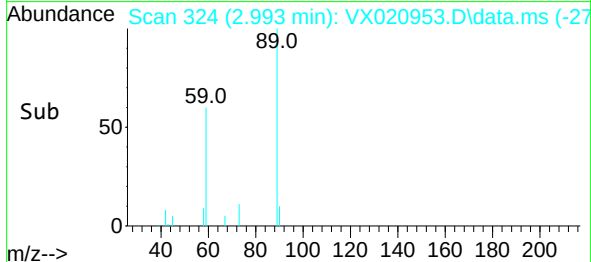
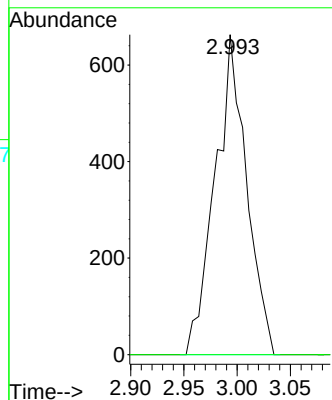


#11
Tert butyl alcohol
Concen: 2.30 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.024 min
Lab File: VX020953.D
Acq: 01 Mar 2021 22:37

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-688-690

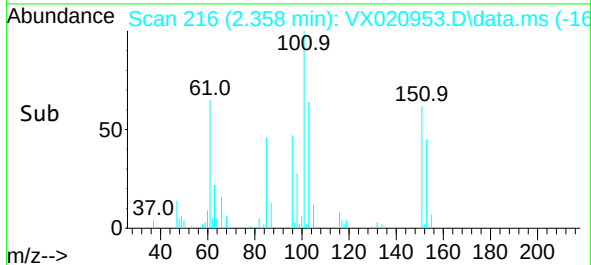
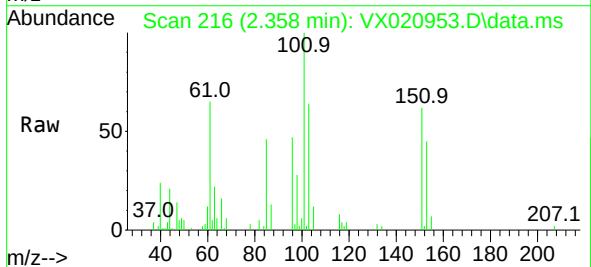
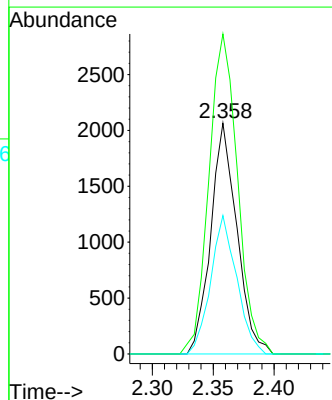


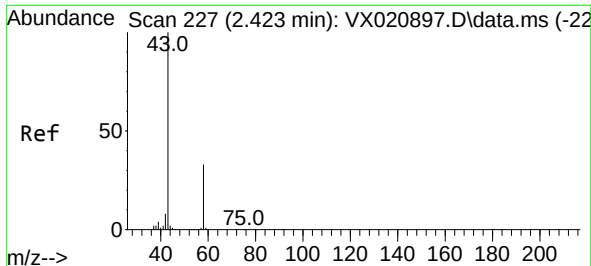
Tgt Ion: 59 Resp: 1366
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 1.40 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX020953.D
Acq: 01 Mar 2021 22:37

Tgt Ion: 96 Resp: 3090
Ion Ratio Lower Upper
96 100
61 138.7 124.6 187.0
98 60.0 50.6 76.0

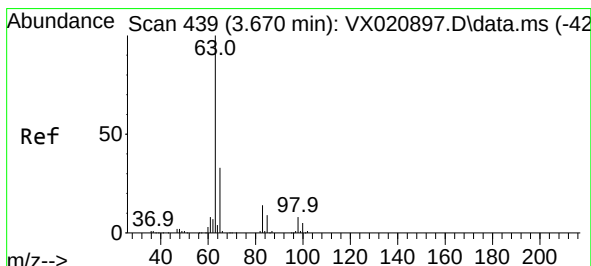
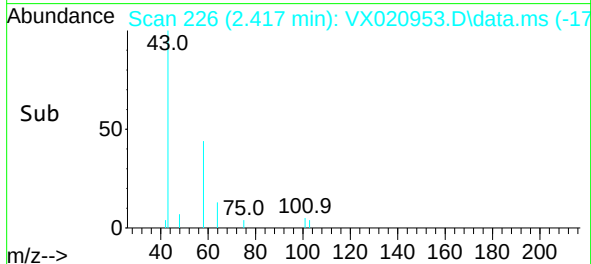
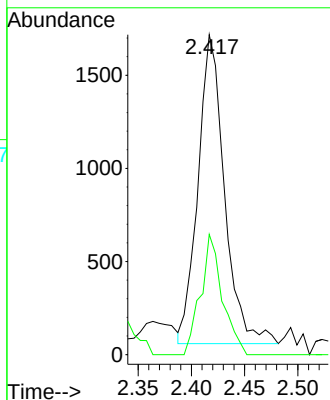
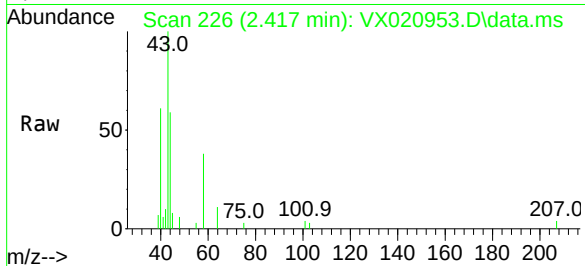




#16
Acetone
Concen: 2.61 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX020953.D
Acq: 01 Mar 2021 22:37

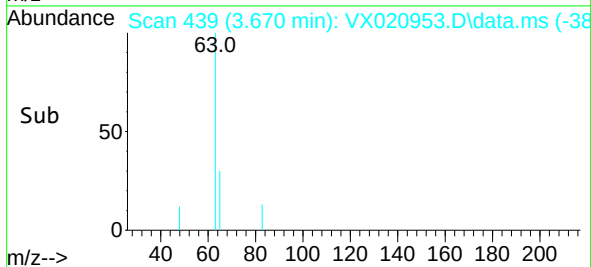
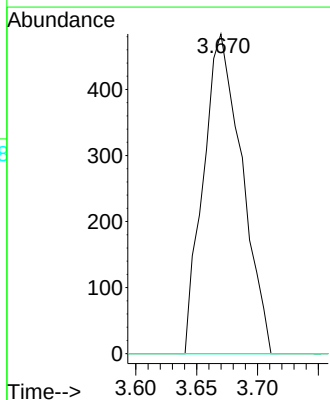
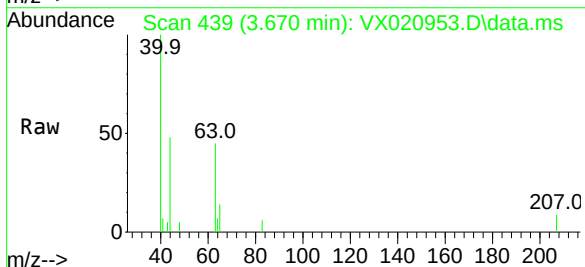
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-688-690

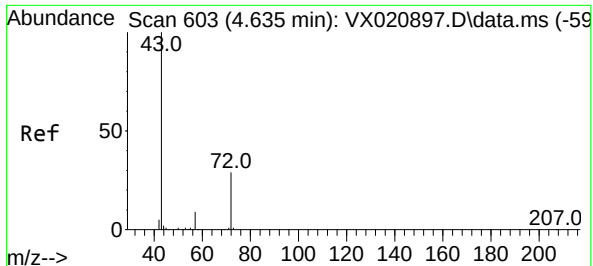
Tgt Ion: 43 Resp: 2868
Ion Ratio Lower Upper
43 100
58 38.9 27.8 41.8



#24
1,1-Dichloroethane
Concen: 0.25 ug/l
RT: 3.670 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX020953.D
Acq: 01 Mar 2021 22:37

Tgt Ion: 63 Resp: 1065
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.5 7.5#

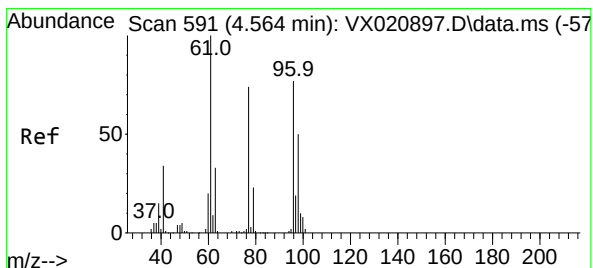
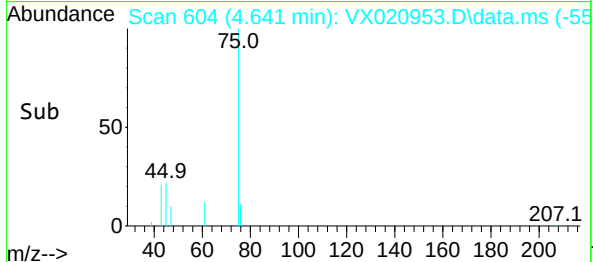
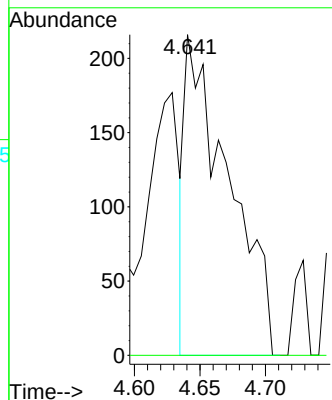
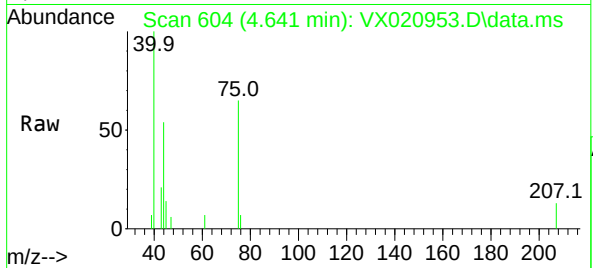




#25
2-Butanone
Concen: 0.30 ug/l
RT: 4.641 min Scan# 604
Delta R.T. 0.006 min
Lab File: VX020953.D
Acq: 01 Mar 2021 22:37

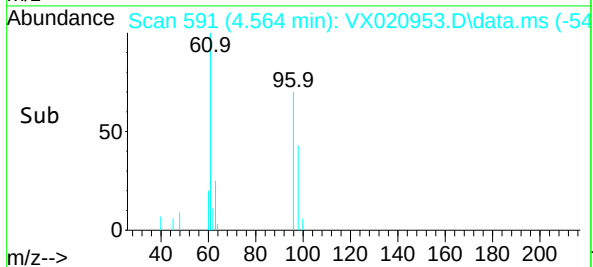
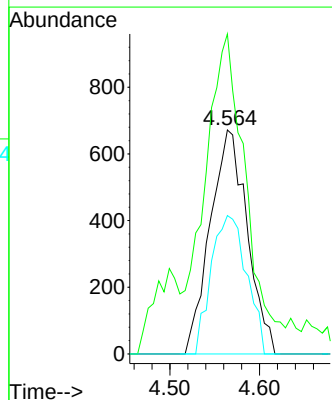
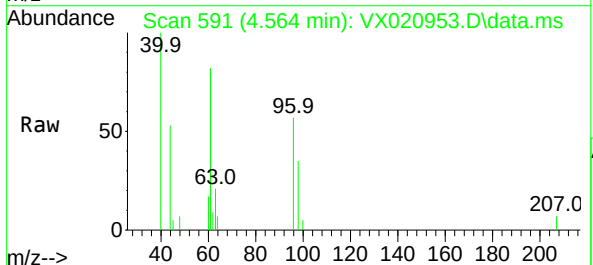
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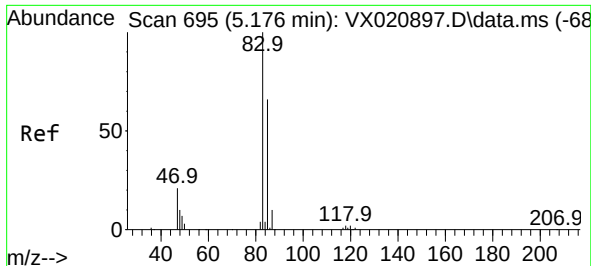
Tgt Ion: 43 Resp: 497
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#27
cis-1,2-Dichloroethene
Concen: 0.67 ug/l
RT: 4.564 min Scan# 591
Delta R.T. -0.000 min
Lab File: VX020953.D
Acq: 01 Mar 2021 22:37

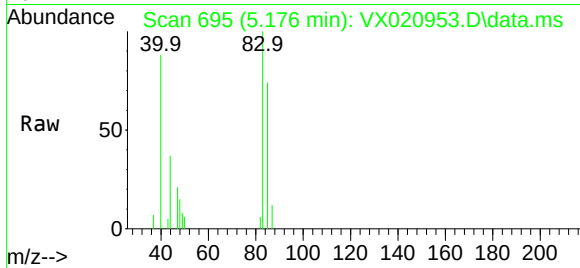
Tgt Ion: 96 Resp: 1927
Ion Ratio Lower Upper
96 100
61 140.6 0.0 285.6
98 59.0 0.0 129.6



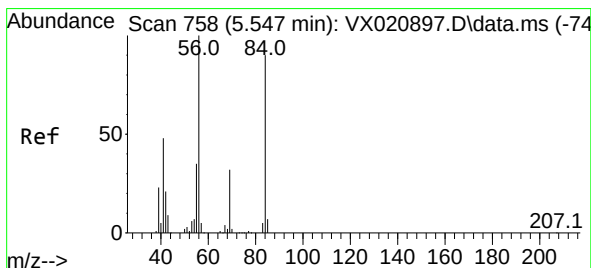
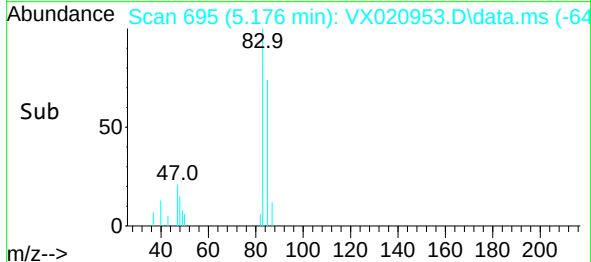
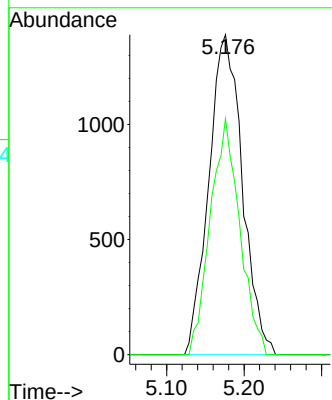


#30
Chloroform
Concen: 0.97 ug/l
RT: 5.176 min Scan# 695
Delta R.T. -0.000 min
Lab File: VX020953.D
Acq: 01 Mar 2021 22:37

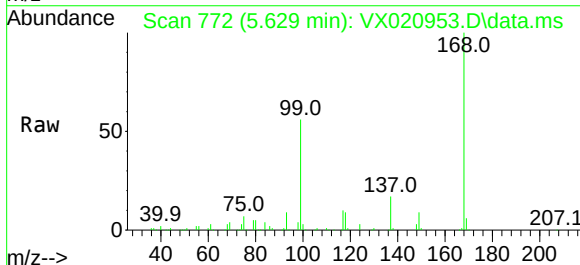
Instrument :
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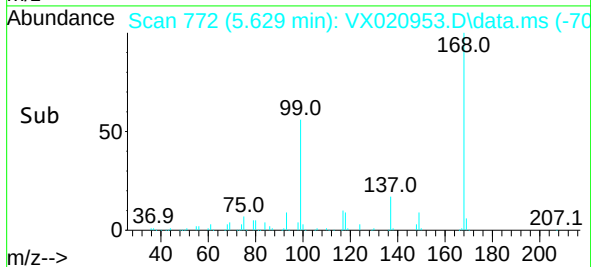
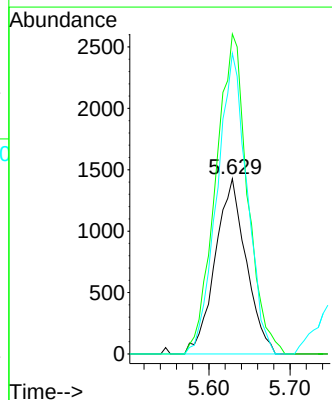
Tgt Ion: 83 Resp: 4184
Ion Ratio Lower Upper
83 100
85 73.7 52.0 78.0

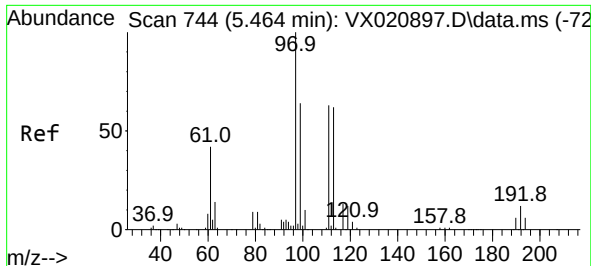


#31
Cyclohexane
Concen: 0.98 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX020953.D
Acq: 01 Mar 2021 22:37



Tgt Ion: 56 Resp: 3784
Ion Ratio Lower Upper
56 100
69 182.6 25.3 37.9#
84 171.5 71.4 107.0#

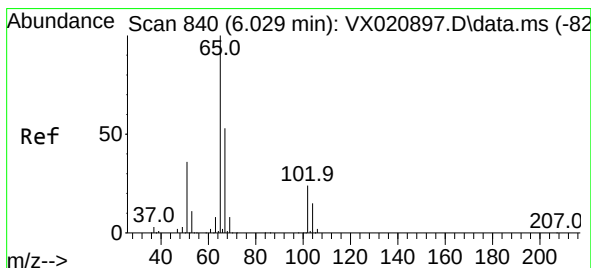
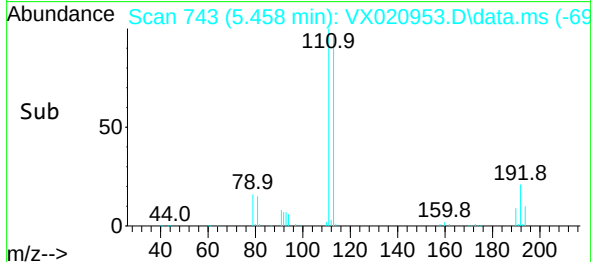
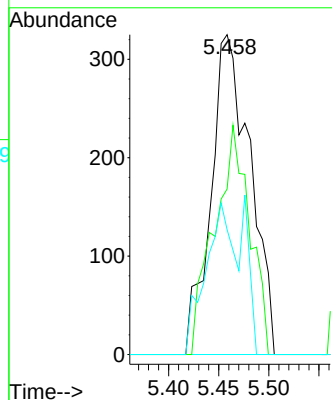
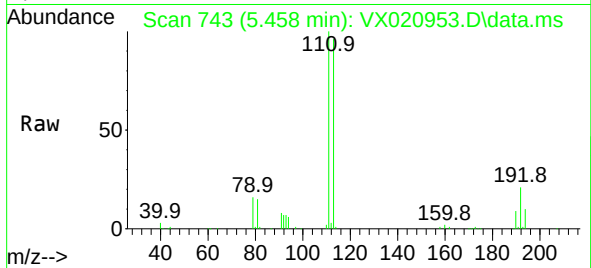




#32
 1,1,1-Trichloroethane
 Concen: 0.24 ug/l
 RT: 5.458 min Scan# 743
 Delta R.T. -0.006 min
 Lab File: VX020953.D
 Acq: 01 Mar 2021 22:37

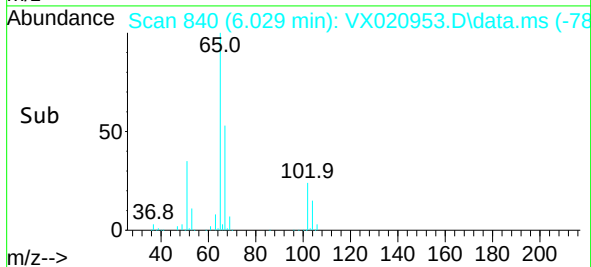
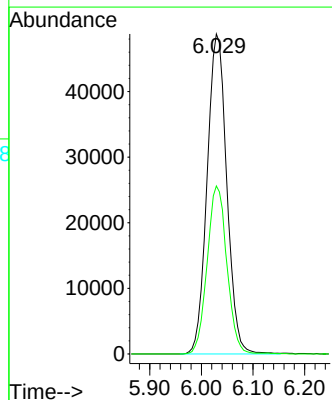
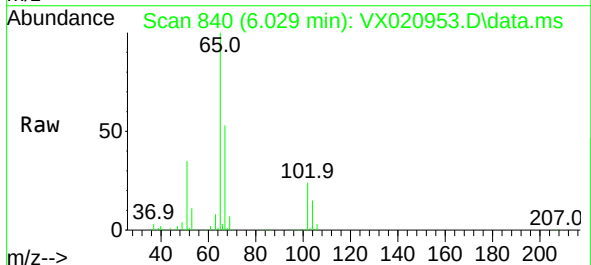
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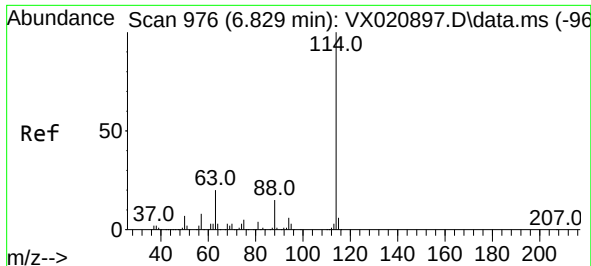
Tgt Ion:	97	Resp:	885
Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.5	77.3#
61	44.7	34.2	51.4



#33
 1,2-Dichloroethane-d4
 Concen: 48.23 ug/l
 RT: 6.029 min Scan# 840
 Delta R.T. -0.000 min
 Lab File: VX020953.D
 Acq: 01 Mar 2021 22:37

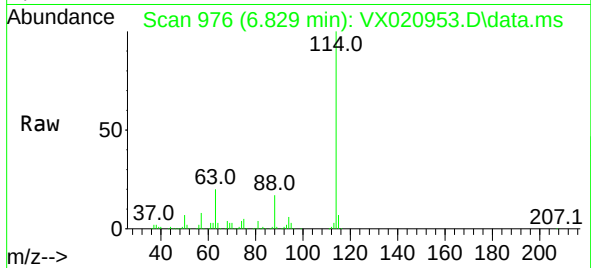
Tgt Ion:	65	Resp:	128860
Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	105.4



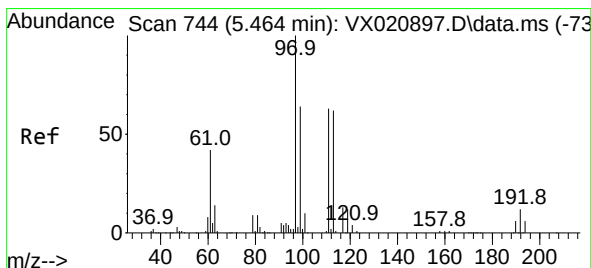
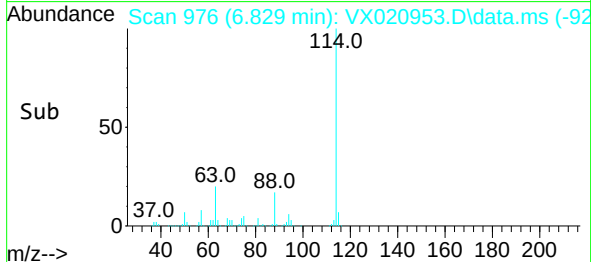
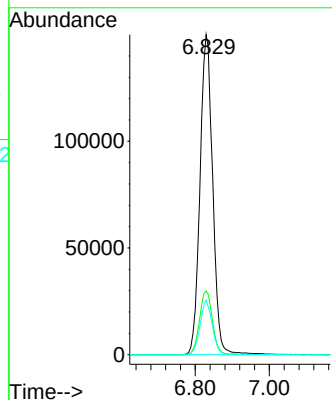


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX020953.D
Acq: 01 Mar 2021 22:37

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-688-690

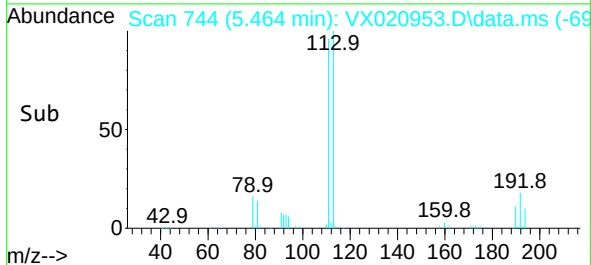
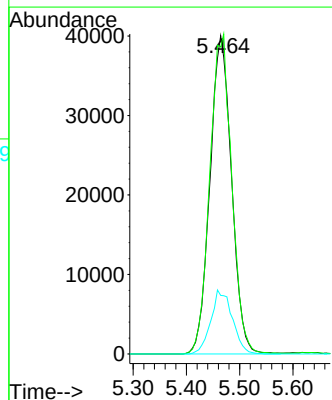
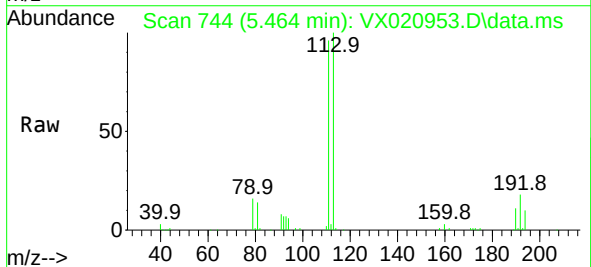


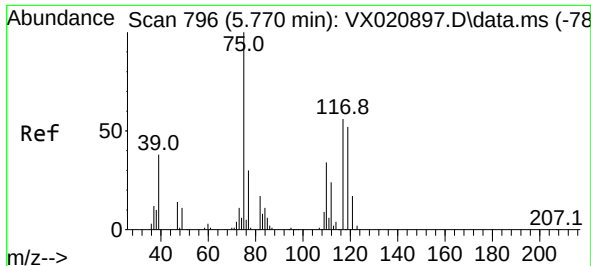
Tgt Ion:114 Resp: 356404
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.03 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX020953.D
Acq: 01 Mar 2021 22:37

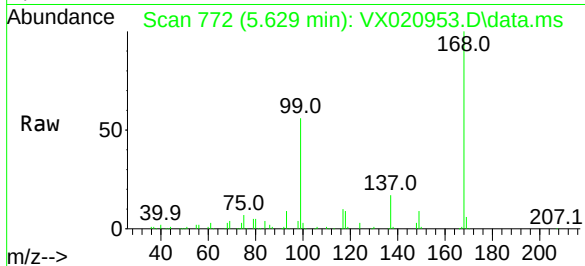
Tgt Ion:113 Resp: 112669
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 19.9 16.7 25.1



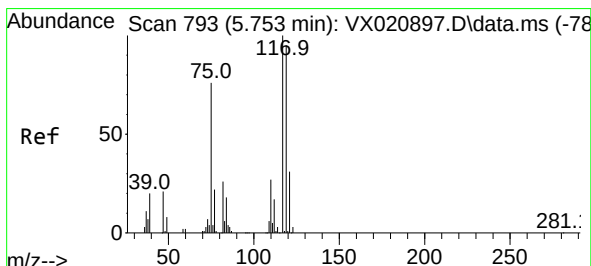
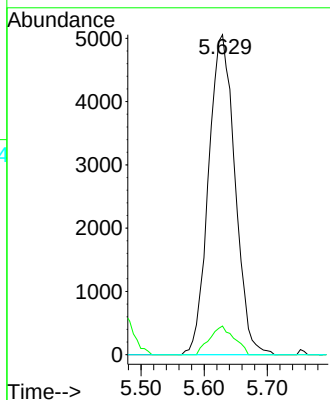
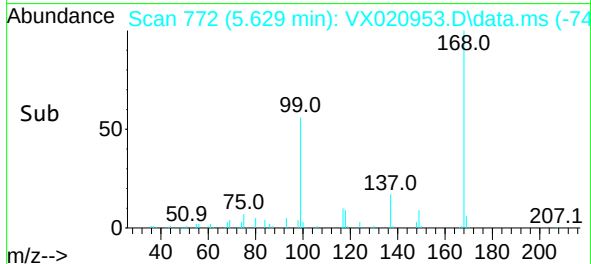


#36
1,1-Dichloropropene
Concen: 4.34 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX020953.D
Acq: 01 Mar 2021 22:37

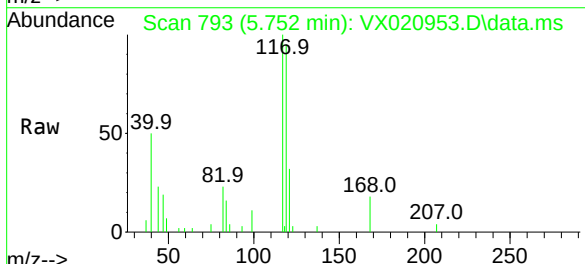
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-688-690



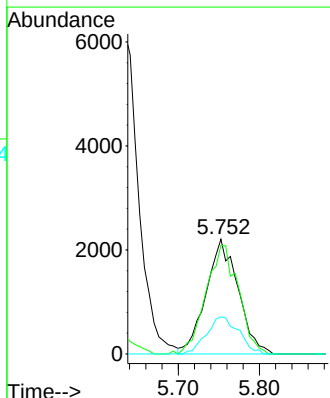
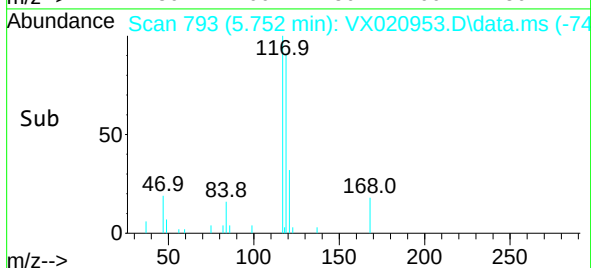
Tgt Ion: 75 Resp: 14700
Ion Ratio Lower Upper
75 100
110 8.3 18.1 54.4#
77 0.0 25.3 37.9#

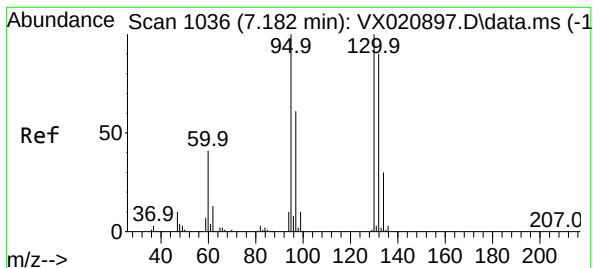


#38
Carbon Tetrachloride
Concen: 1.85 ug/l
RT: 5.752 min Scan# 793
Delta R.T. -0.000 min
Lab File: VX020953.D
Acq: 01 Mar 2021 22:37



Tgt Ion: 117 Resp: 6060
Ion Ratio Lower Upper
117 100
119 94.6 76.2 114.2
121 32.3 24.8 37.2





#44

Trichloroethene

Concen: 22.07 ug/l

RT: 7.188 min Scan# 1037

Delta R.T. 0.006 min

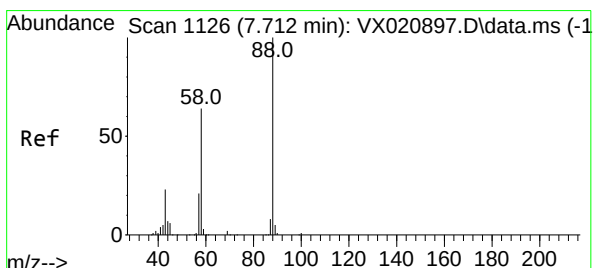
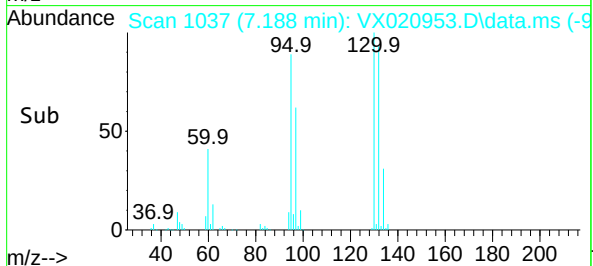
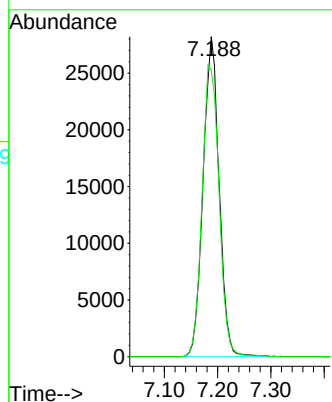
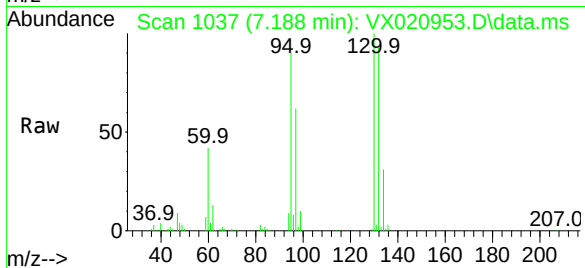
Lab File: VX020953.D

Acq: 01 Mar 2021 22:37

Tgt Ion:130 Resp: 58926

Ion Ratio Lower Upper

130	100		
95	89.5	0.0	198.0



#49

1,4-Dioxane

Concen: 8.18 ug/l

RT: 7.723 min Scan# 1128

Delta R.T. 0.012 min

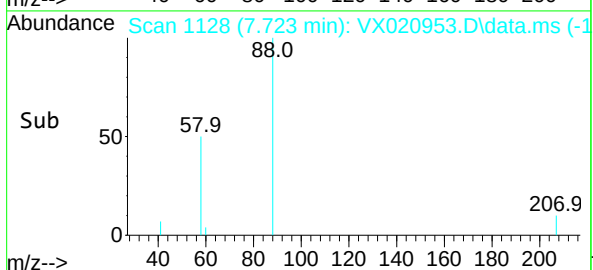
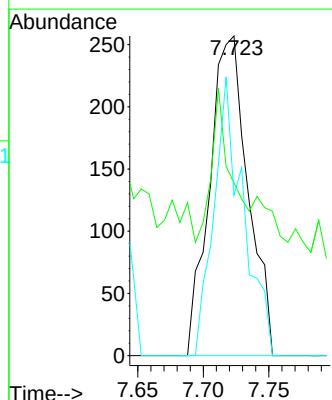
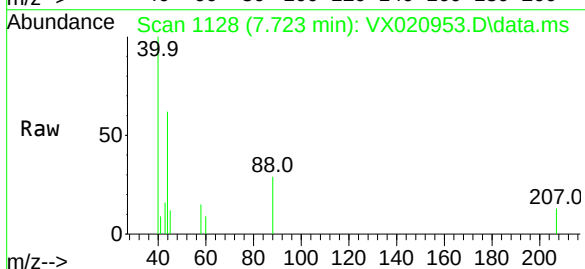
Lab File: VX020953.D

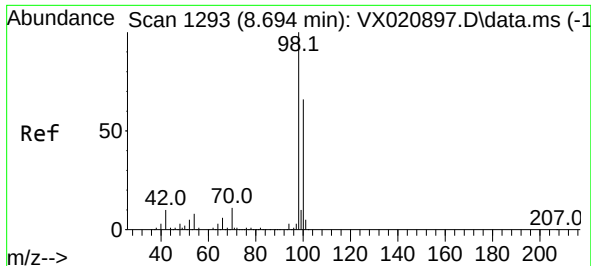
Acq: 01 Mar 2021 22:37

Tgt Ion: 88 Resp: 525

Ion Ratio Lower Upper

88	100		
43	24.2	23.2	34.8
58	66.1	55.0	82.4

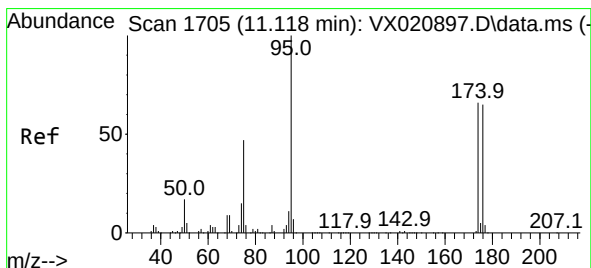
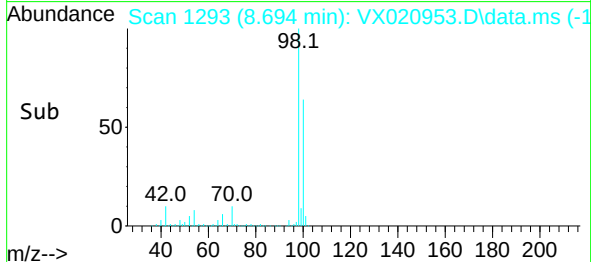
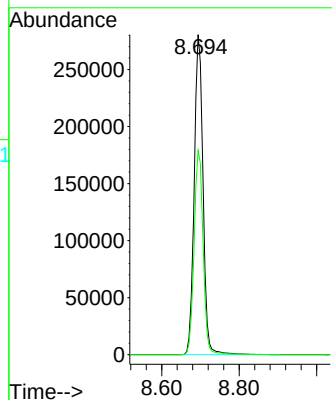
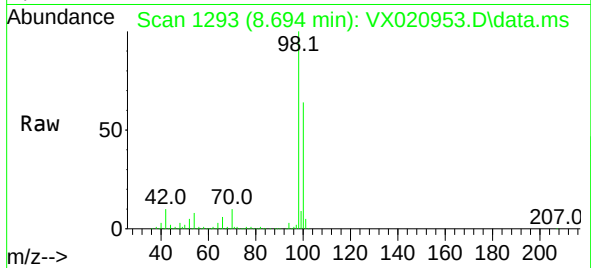




#50
Toluene-d8
Concen: 52.53 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX020953.D
Acq: 01 Mar 2021 22:37

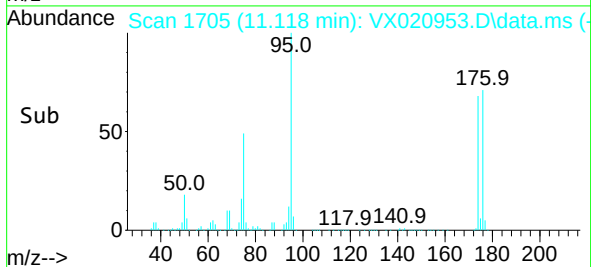
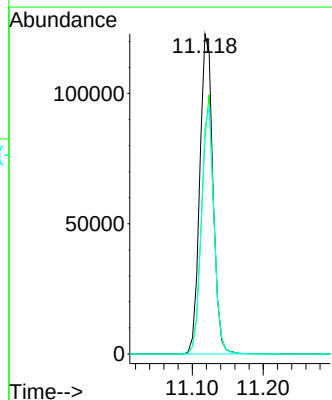
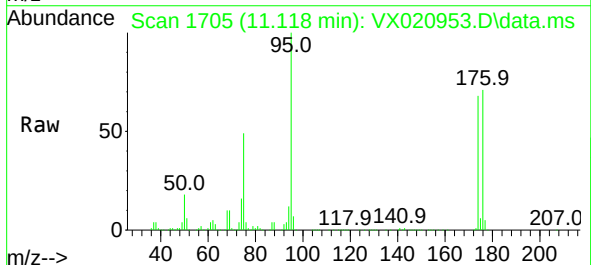
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-688-690

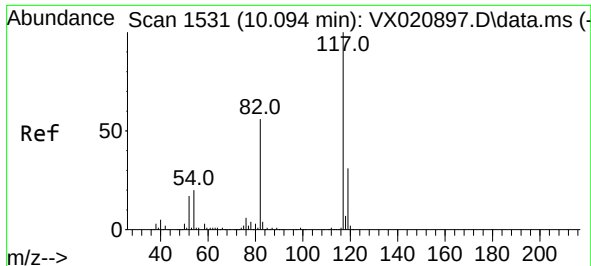
Tgt Ion: 98 Resp: 443562
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 50.64 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX020953.D
Acq: 01 Mar 2021 22:37

Tgt Ion: 95 Resp: 158089
Ion Ratio Lower Upper
95 100
174 74.7 0.0 154.6
176 75.1 0.0 155.8

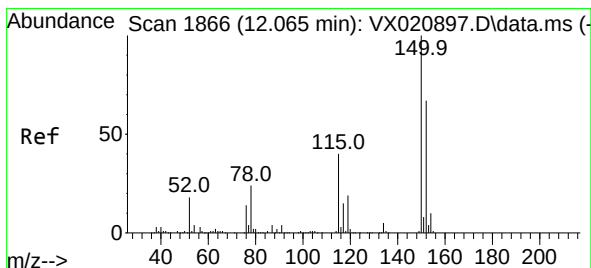
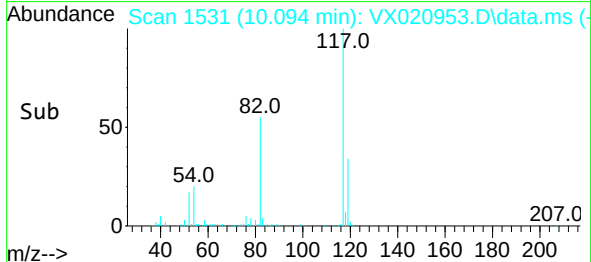
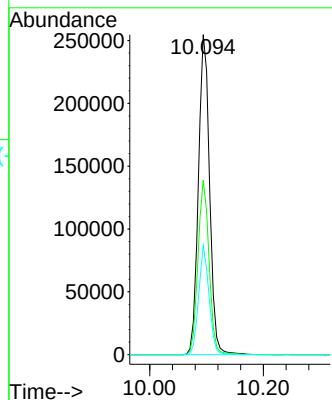
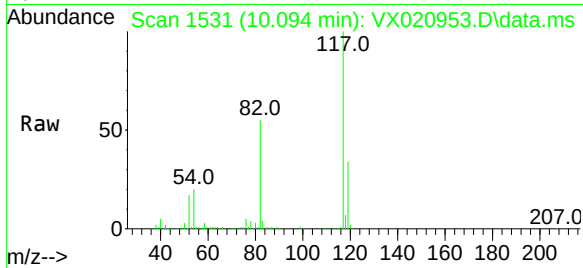




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX020953.D
Acq: 01 Mar 2021 22:37

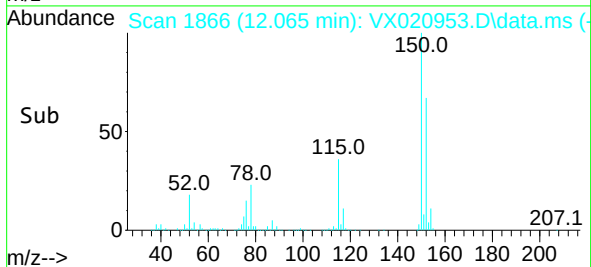
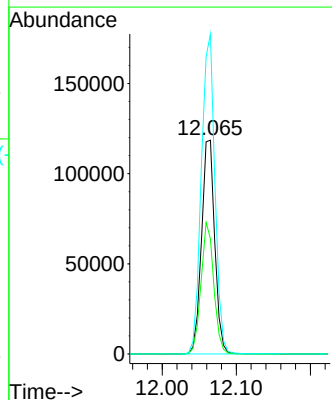
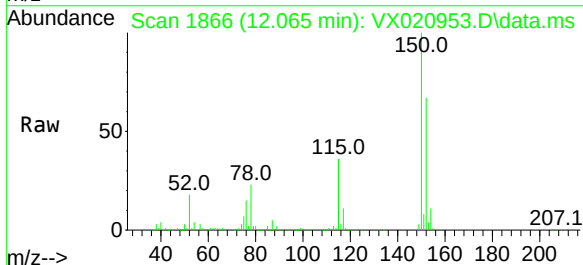
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-688-690

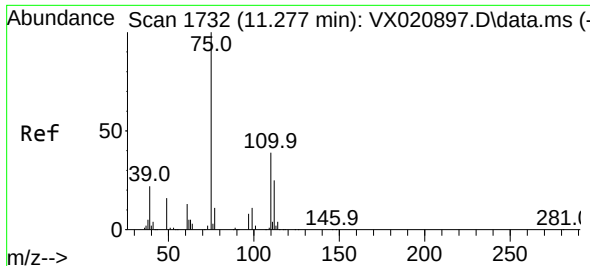
Tgt Ion:117 Resp: 349361
Ion Ratio Lower Upper
117 100
82 54.5 47.4 71.2
119 34.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VX020953.D
Acq: 01 Mar 2021 22:37

Tgt Ion:152 Resp: 146963
Ion Ratio Lower Upper
152 100
115 59.0 41.1 123.3
150 152.9 0.0 349.0

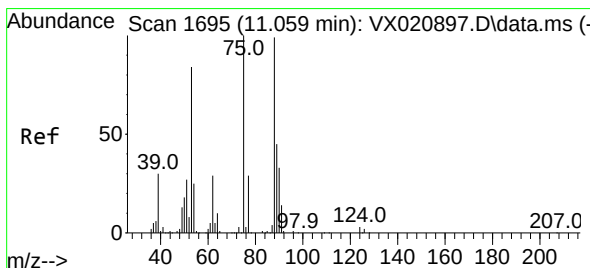
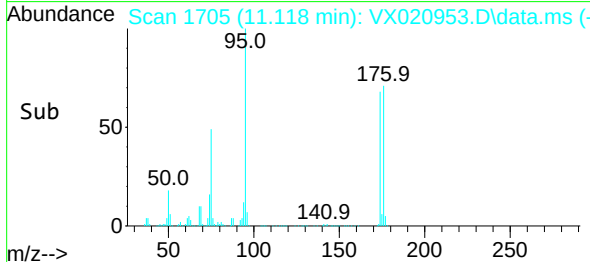
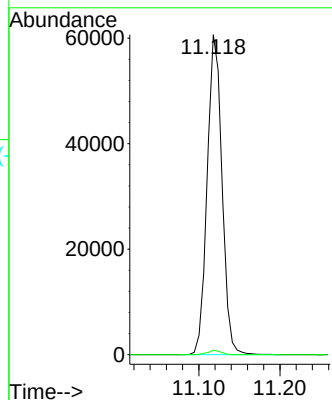
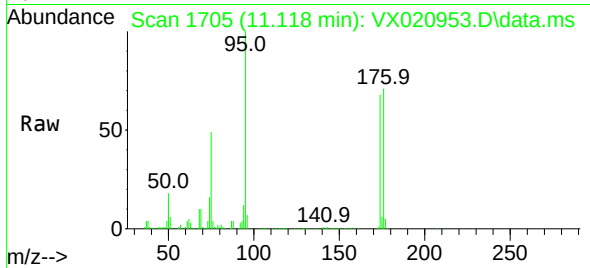




#76
1,2,3-Trichloropropane
Concen: 24.24 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX020953.D
Acq: 01 Mar 2021 22:37

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-688-690

Tgt Ion: 75 Resp: 76635
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.67 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX020953.D
Acq: 01 Mar 2021 22:37

Tgt Ion: 75 Resp: 76635
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

