

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030221\
 Data File : VX020955.D
 Acq On : 01 Mar 2021 23:23
 Operator : JC/MD
 Sample : M1522-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-VPB-RW6-GW-698-700

Quant Time: Mar 02 00:35:16 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	203768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	382537	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	357594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	155595	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	135957	49.40	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.80%
35) Dibromofluoromethane	5.464	113	118205	50.86	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.72%
50) Toluene-d8	8.694	98	449210	49.57	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.14%
62) 4-Bromofluorobenzene	11.118	95	168687	50.34	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.68%

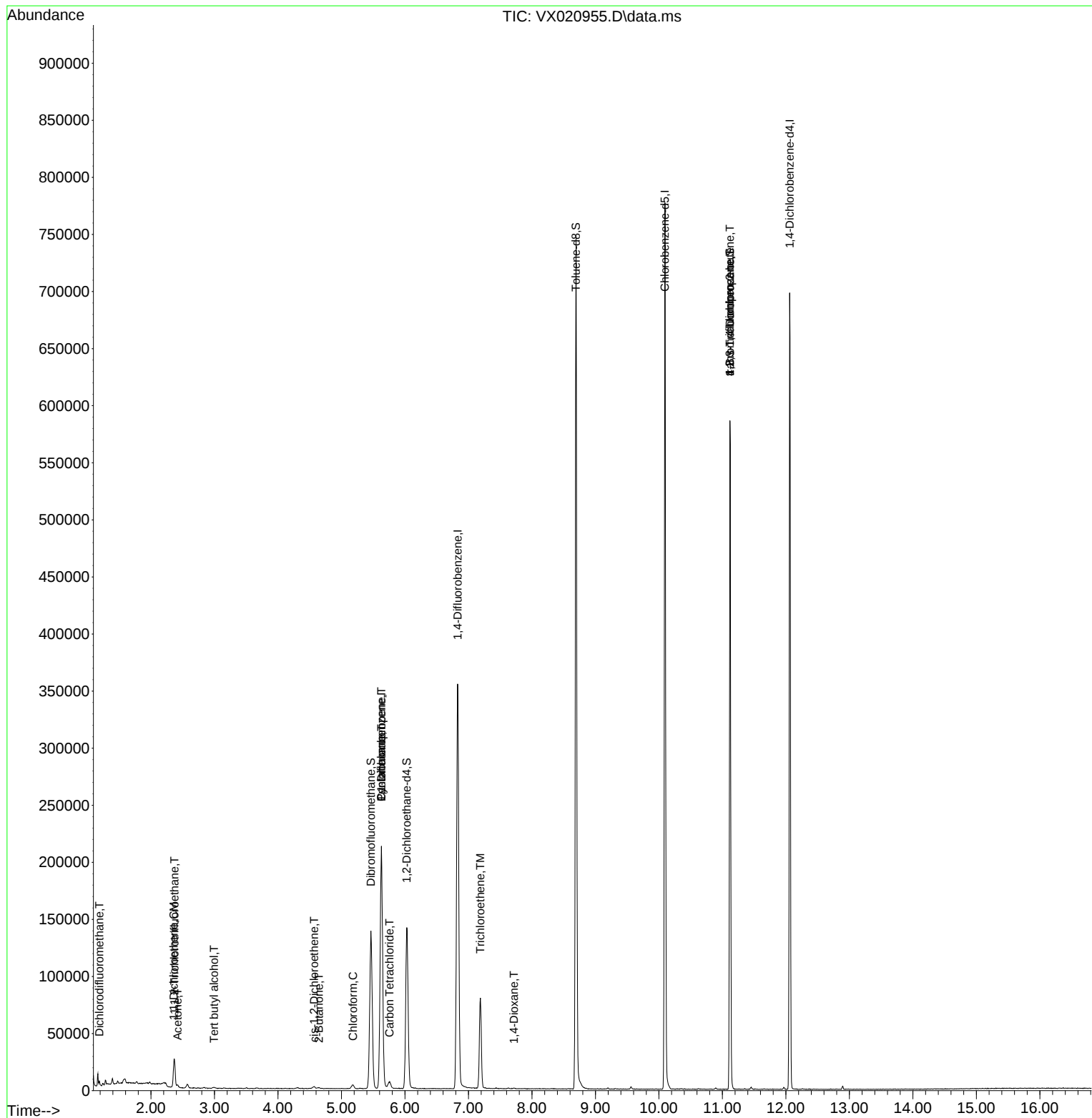
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	1884	0.86	ug/l	98
5) Bromomethane	1.634	94	285	Below	Cal	91
9) 1,1,2-Trichlorotrifluo...	2.370	101	8847	4.04	ug/l	99
11) Tert butyl alcohol	2.993	59	631	1.03	ug/l #	73
12) 1,1-Dichloroethene	2.358	96	2152	0.94	ug/l	96
16) Acetone	2.417	43	2496	2.20	ug/l	98
25) 2-Butanone	4.646	43	851	0.49	ug/l	98
27) cis-1,2-Dichloroethene	4.570	96	1111	0.38	ug/l	58
30) Chloroform	5.182	83	4027	0.91	ug/l	99
31) Cyclohexane	5.629	56	3967	1.00	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	15556	4.28	ug/l #	48
38) Carbon Tetrachloride	5.758	117	4917	1.40	ug/l	92
44) Trichloroethene	7.188	130	31054	10.84	ug/l	99
49) 1,4-Dioxane	7.717	88	439	6.37	ug/l #	84
76) 1,2,3-Trichloropropane	11.118	75	79791	23.84	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	79791	52.78	ug/l #	12

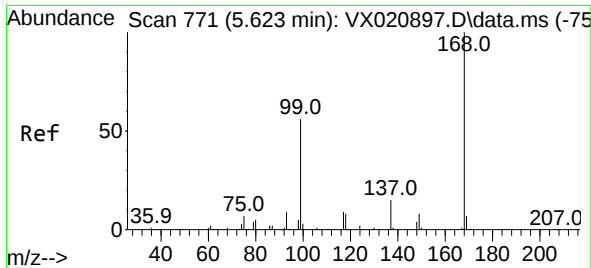
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
BP-TT-VPB-RW6-GW-698-700

Quant Time: Mar 02 00:35:16 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

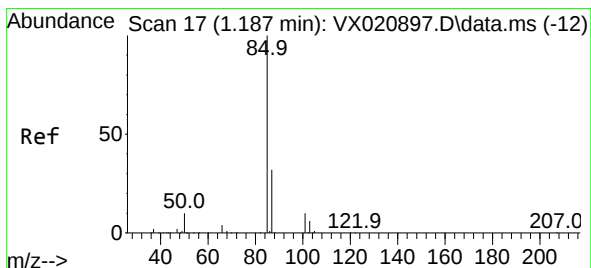
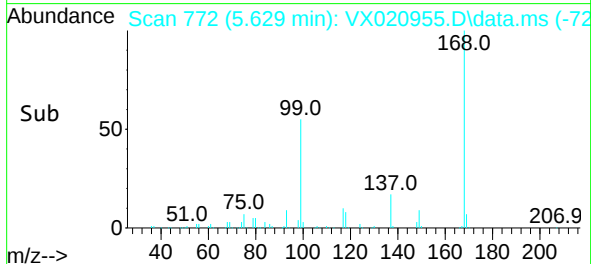
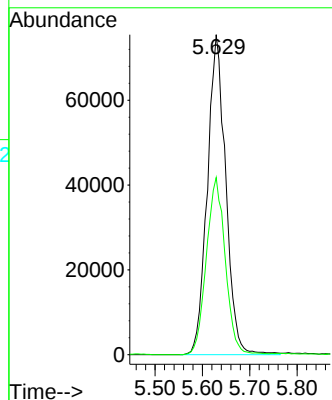
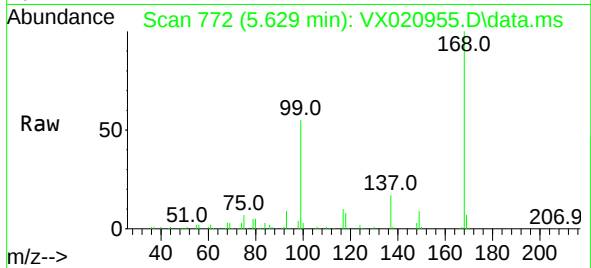




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX020955.D
Acq: 01 Mar 2021 23:23

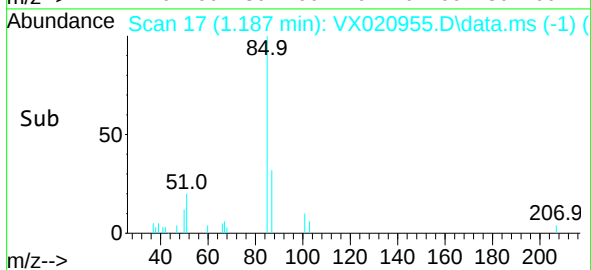
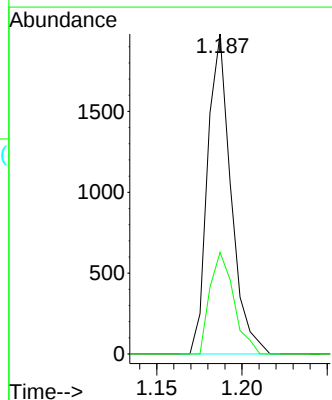
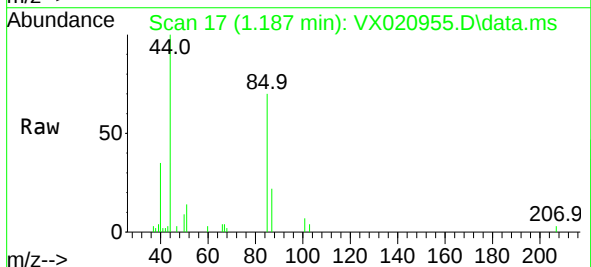
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-698-700

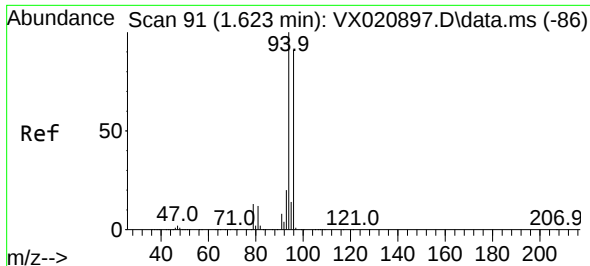
Tgt Ion:168 Resp: 203768
Ion Ratio Lower Upper
168 100
99 55.3 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.86 ug/l
RT: 1.187 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX020955.D
Acq: 01 Mar 2021 23:23

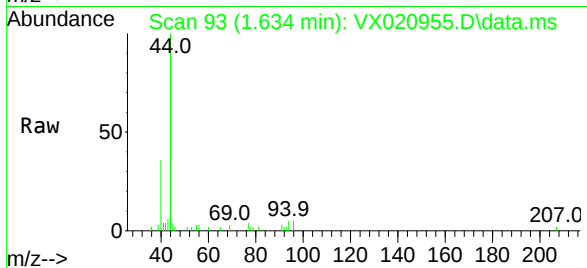
Tgt Ion: 85 Resp: 1884
Ion Ratio Lower Upper
85 100
87 31.8 16.4 49.2



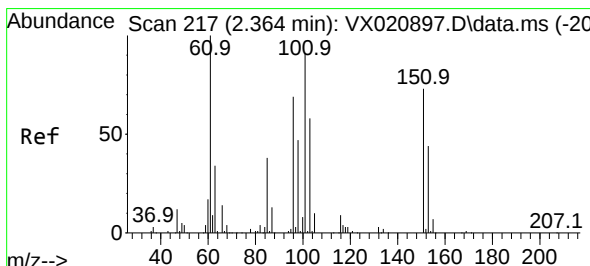
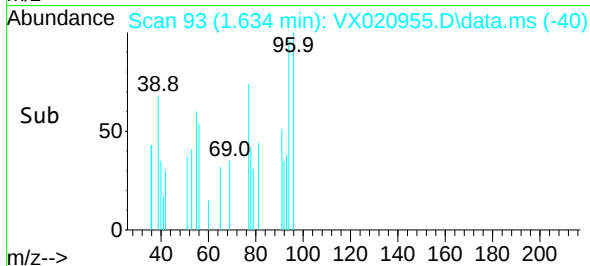
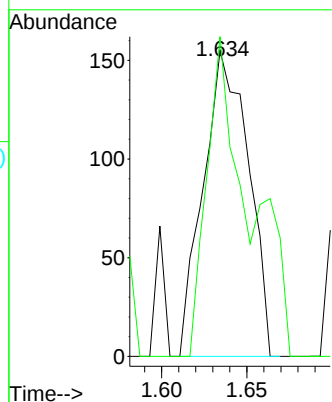


#5
Bromomethane
Concen: Below Cal
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX020955.D
Acq: 01 Mar 2021 23:23

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-698-700

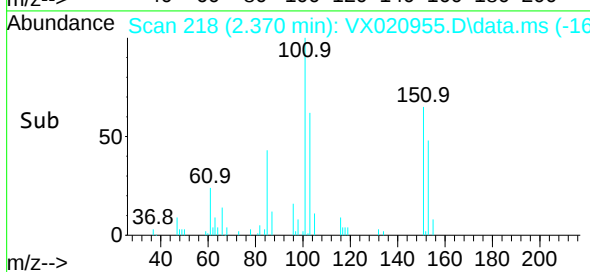
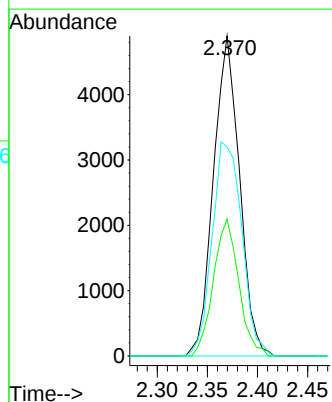
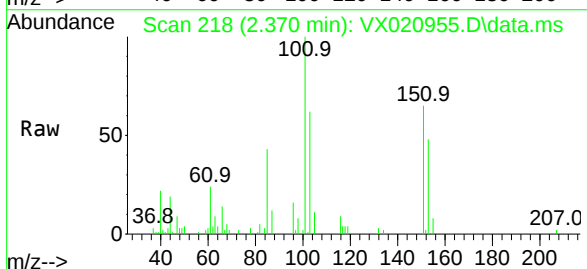


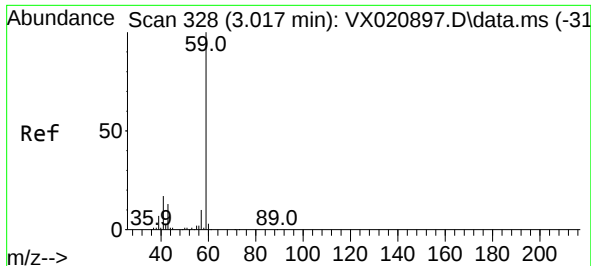
Tgt Ion: 94 Resp: 285
Ion Ratio Lower Upper
94 100
96 104.5 76.4 114.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.04 ug/l
RT: 2.370 min Scan# 218
Delta R.T. 0.006 min
Lab File: VX020955.D
Acq: 01 Mar 2021 23:23

Tgt Ion: 101 Resp: 8847
Ion Ratio Lower Upper
101 100
85 41.6 34.9 52.3
151 76.3 61.4 92.2

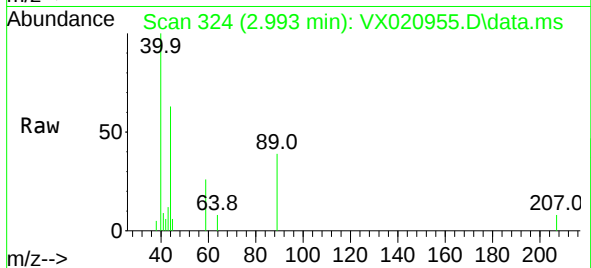




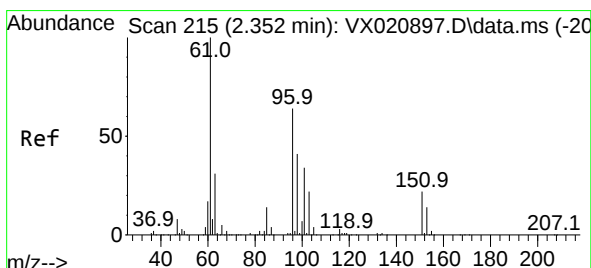
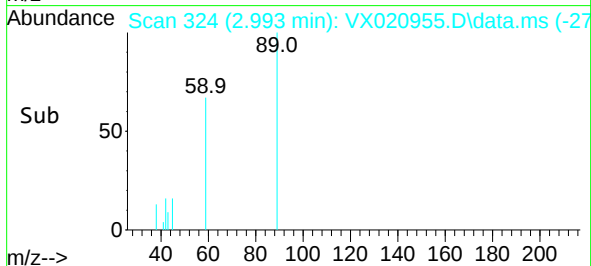
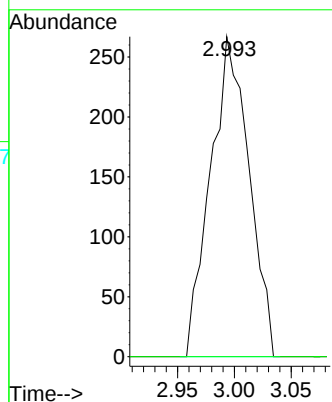
#11

Tert butyl alcohol
Concen: 1.03 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.024 min
Lab File: VX020955.D
Acq: 01 Mar 2021 23:23

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-698-700



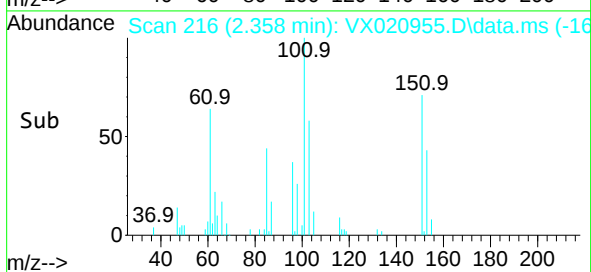
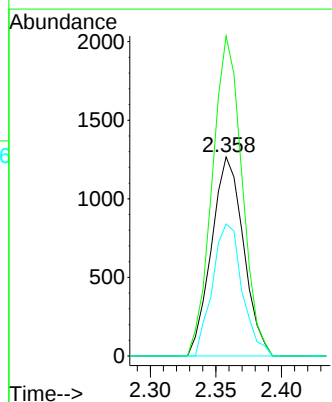
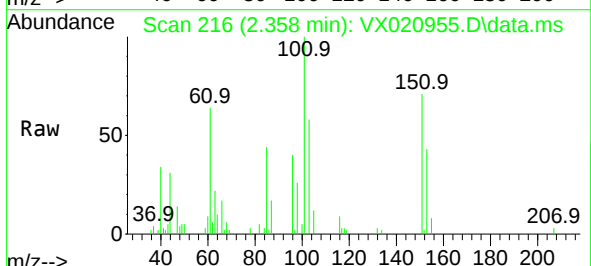
Tgt Ion: 59 Resp: 631
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

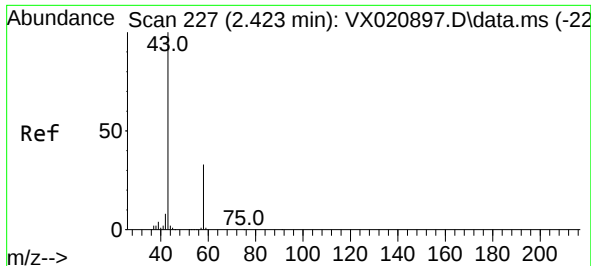


#12

1,1-Dichloroethene
Concen: 0.94 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX020955.D
Acq: 01 Mar 2021 23:23

Tgt Ion: 96 Resp: 2152
Ion Ratio Lower Upper
96 100
61 160.8 124.6 187.0
98 66.4 50.6 76.0

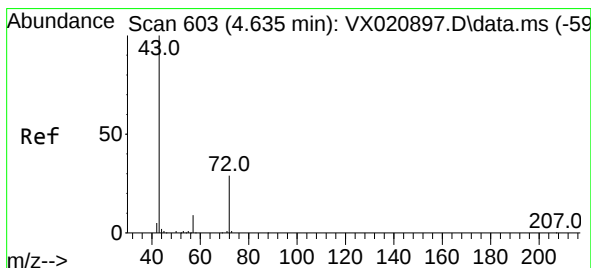
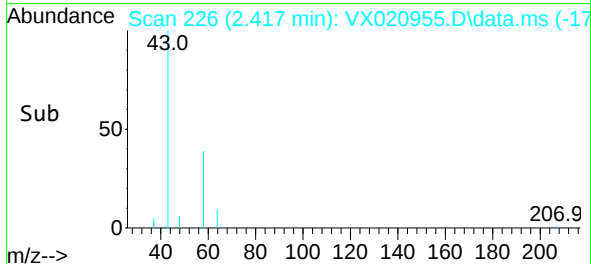
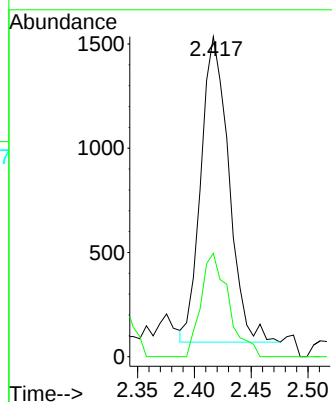
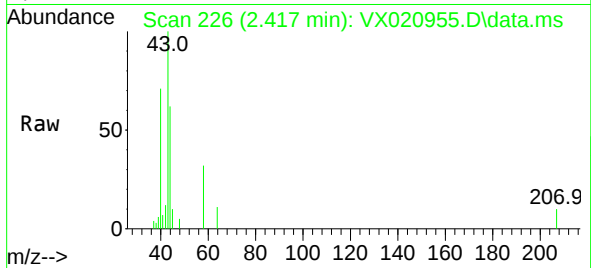




#16
Acetone
Concen: 2.20 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX020955.D
Acq: 01 Mar 2021 23:23

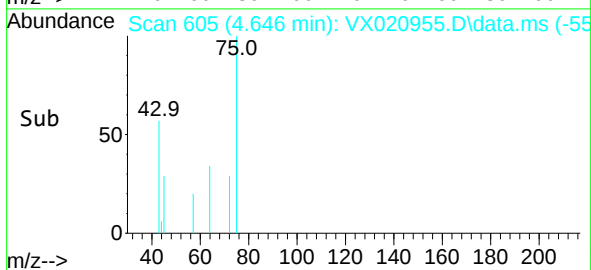
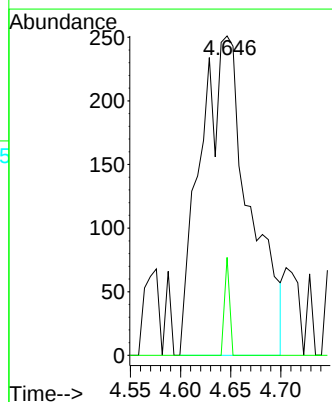
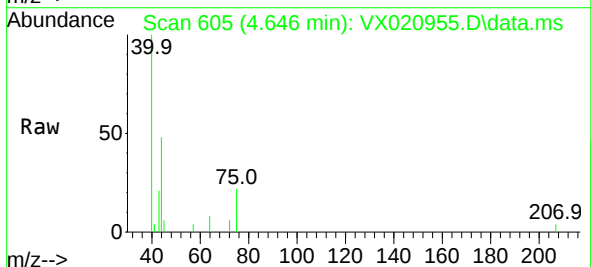
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-698-700

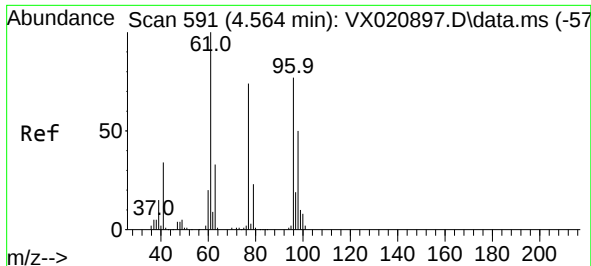
Tgt Ion: 43 Resp: 2496
Ion Ratio Lower Upper
43 100
58 33.9 27.8 41.8



#25
2-Butanone
Concen: 0.49 ug/l
RT: 4.646 min Scan# 605
Delta R.T. 0.012 min
Lab File: VX020955.D
Acq: 01 Mar 2021 23:23

Tgt Ion: 43 Resp: 851
Ion Ratio Lower Upper
43 100
72 30.7 23.7 35.5

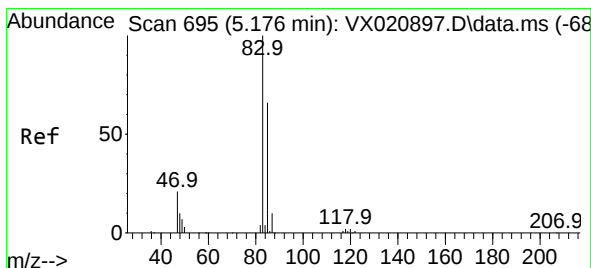
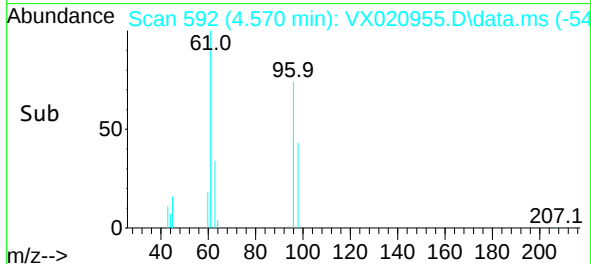
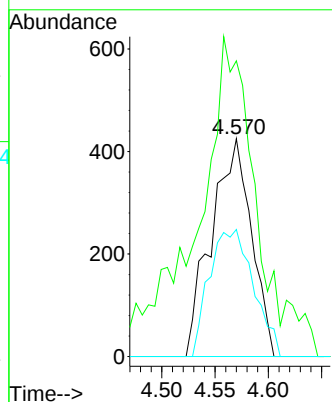
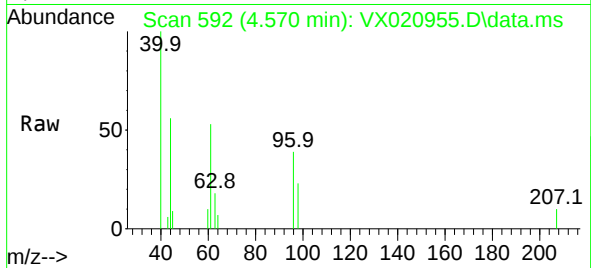




#27
cis-1,2-Dichloroethene
Concen: 0.38 ug/l
RT: 4.570 min Scan# 592
Delta R.T. 0.006 min
Lab File: VX020955.D
Acq: 01 Mar 2021 23:23

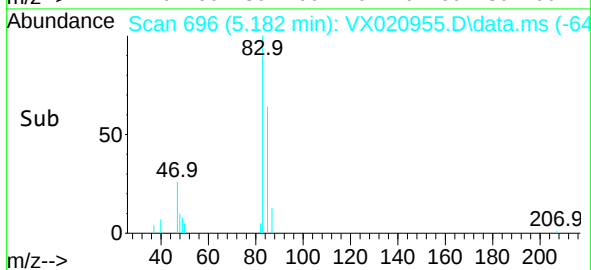
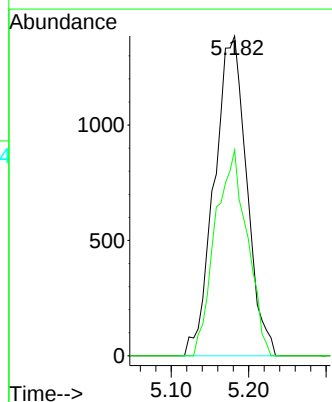
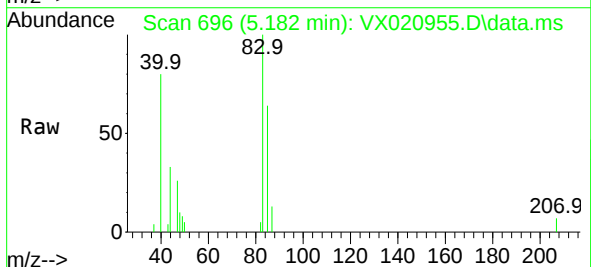
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-698-700

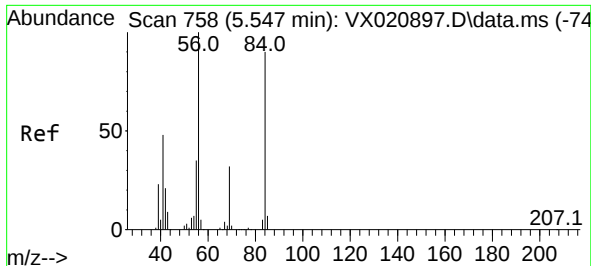
Tgt Ion: 96 Resp: 1111
Ion Ratio Lower Upper
96 100
61 218.1 0.0 285.6
98 64.2 0.0 129.6



#30
Chloroform
Concen: 0.91 ug/l
RT: 5.182 min Scan# 696
Delta R.T. 0.006 min
Lab File: VX020955.D
Acq: 01 Mar 2021 23:23

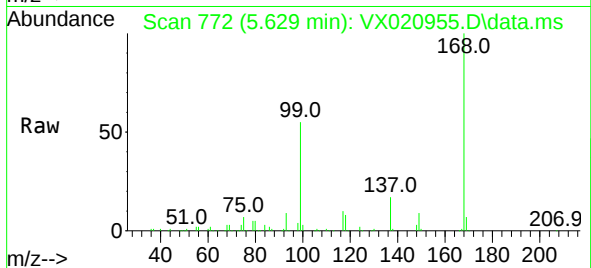
Tgt Ion: 83 Resp: 4027
Ion Ratio Lower Upper
83 100
85 64.4 52.0 78.0



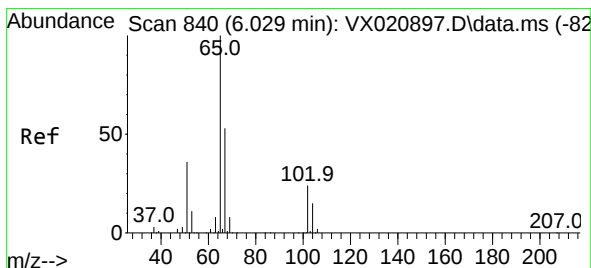
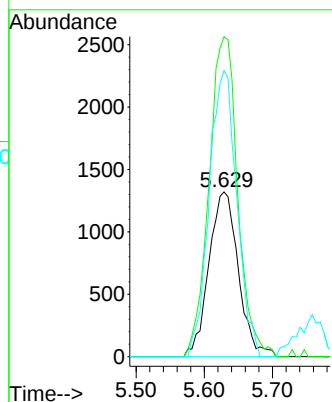
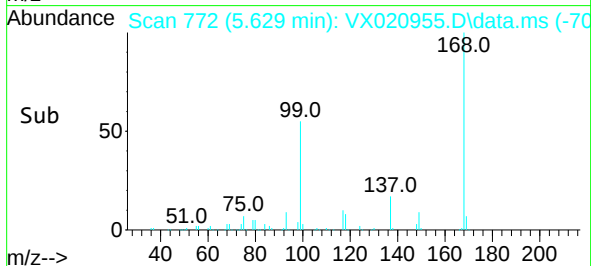


#31
Cyclohexane
Concen: 1.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX020955.D
Acq: 01 Mar 2021 23:23

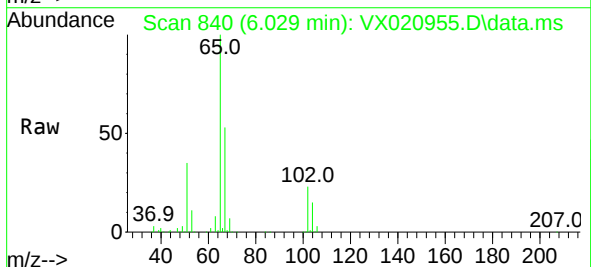
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ClientSampleId :
BP-TT-VPB-RW6-GW-698-700



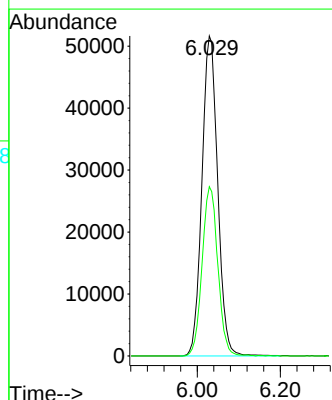
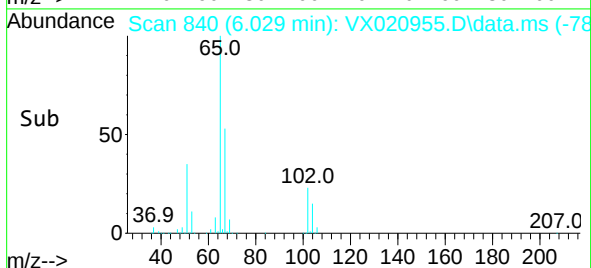
Tgt Ion: 56 Resp: 3967
Ion Ratio Lower Upper
56 100
69 194.1 25.3 37.9#
84 173.5 71.4 107.0#

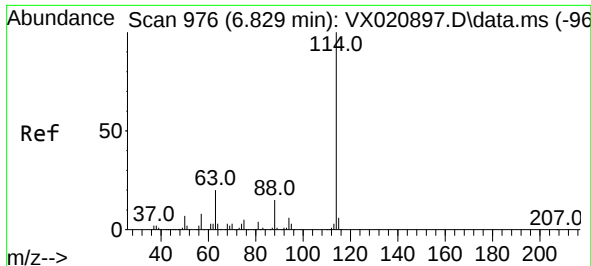


#33
1,2-Dichloroethane-d4
Concen: 49.40 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX020955.D
Acq: 01 Mar 2021 23:23



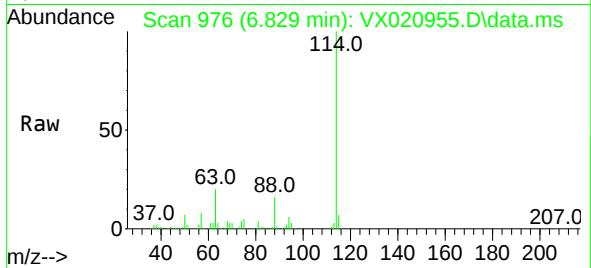
Tgt Ion: 65 Resp: 135957
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.4



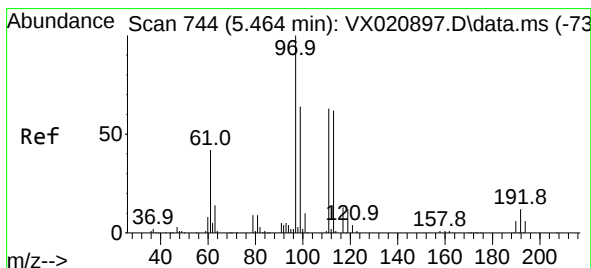
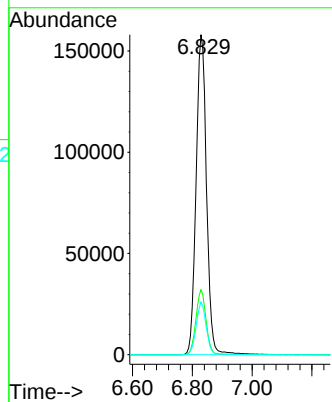
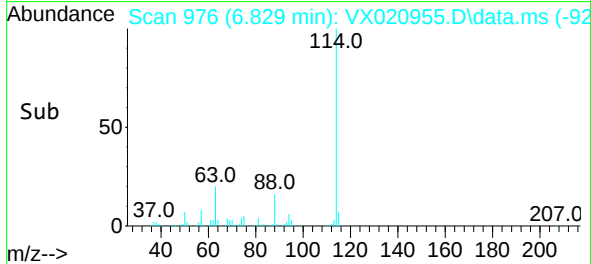


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX020955.D
Acq: 01 Mar 2021 23:23

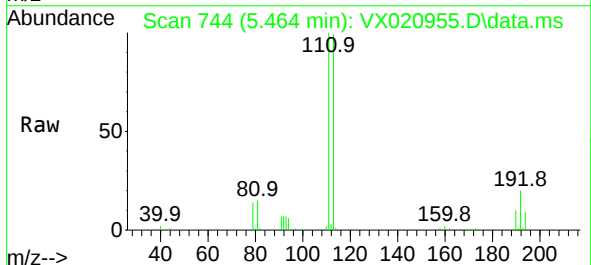
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-698-700



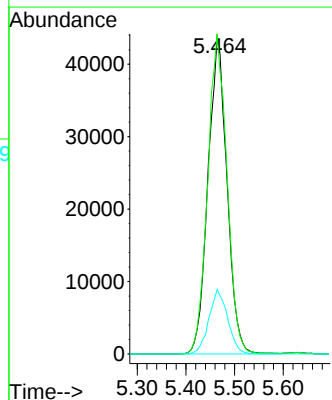
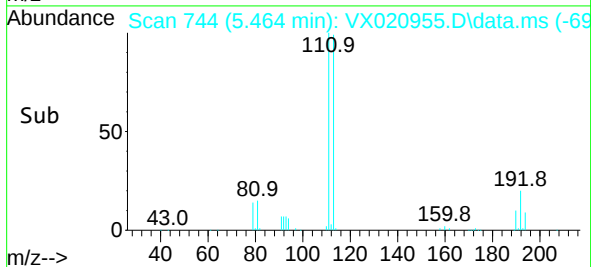
Tgt Ion:114 Resp: 382537
Ion Ratio Lower Upper
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63 20.3 0.0 40.8
88 16.5 0.0 32.8

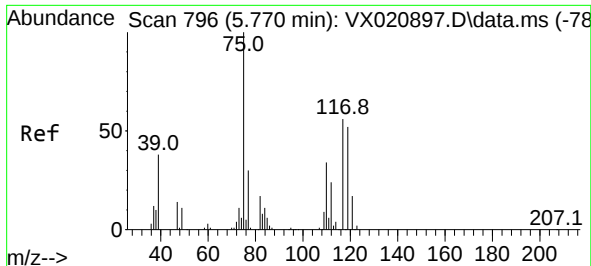


#35
Dibromofluoromethane
Concen: 50.86 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX020955.D
Acq: 01 Mar 2021 23:23



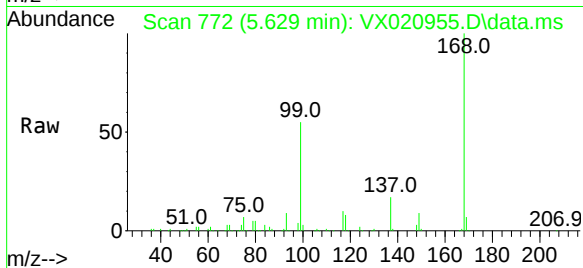
Tgt Ion:113 Resp: 118205
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 20.1 16.7 25.1



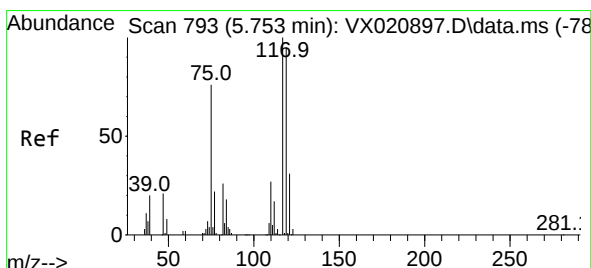
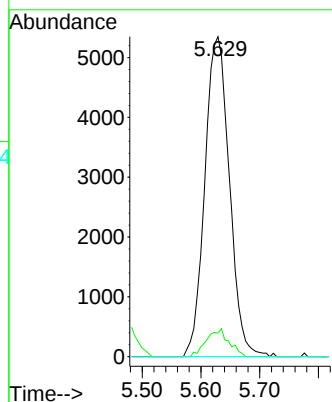
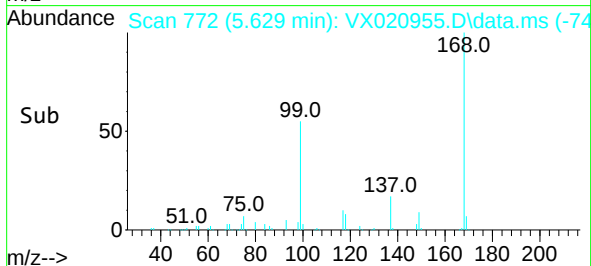


#36
1,1-Dichloropropene
Concen: 4.28 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX020955.D
Acq: 01 Mar 2021 23:23

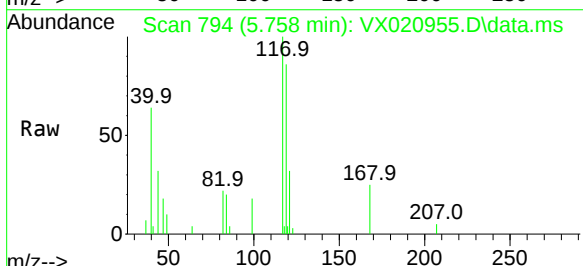
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-698-700



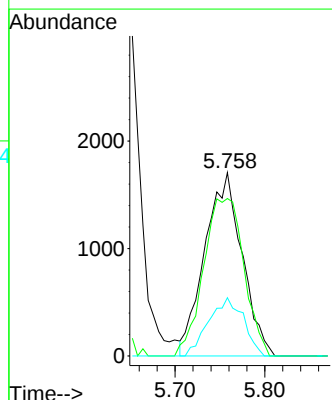
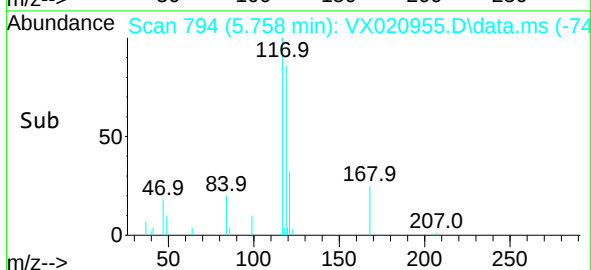
Tgt Ion: 75 Resp: 15556
Ion Ratio Lower Upper
75 100
110 8.0 18.1 54.4#
77 0.0 25.3 37.9#

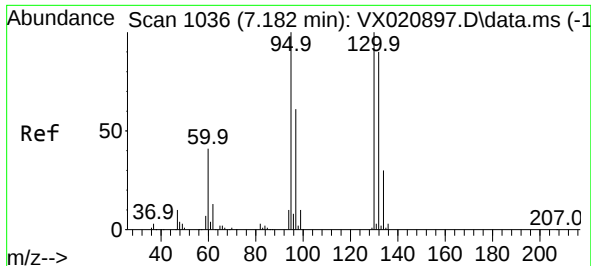


#38
Carbon Tetrachloride
Concen: 1.40 ug/l
RT: 5.758 min Scan# 794
Delta R.T. 0.006 min
Lab File: VX020955.D
Acq: 01 Mar 2021 23:23



Tgt Ion: 117 Resp: 4917
Ion Ratio Lower Upper
117 100
119 85.8 76.2 114.2
121 31.8 24.8 37.2

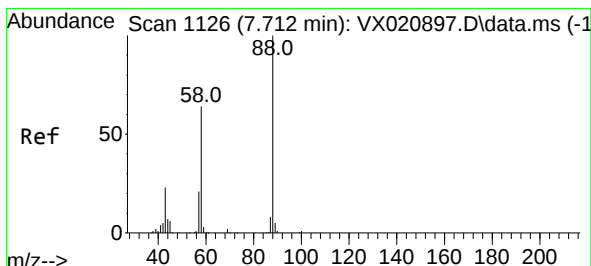
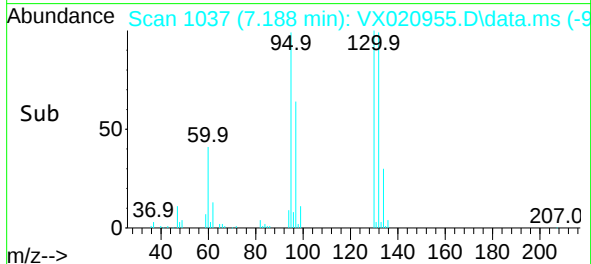
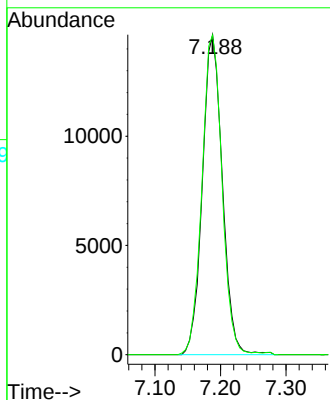
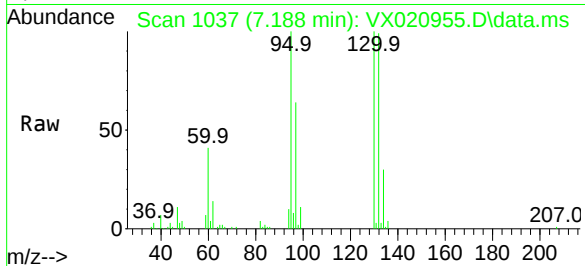




#44
Trichloroethene
Concen: 10.84 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VX020955.D
Acq: 01 Mar 2021 23:23

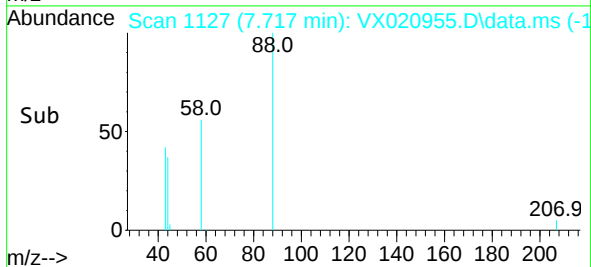
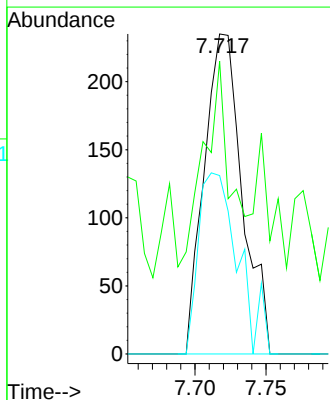
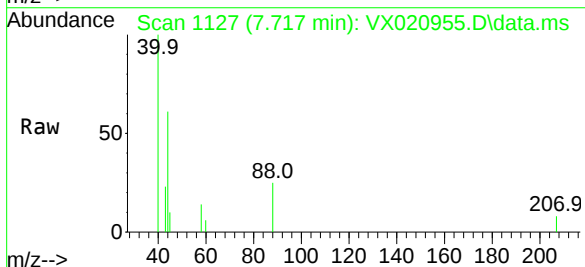
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-698-700

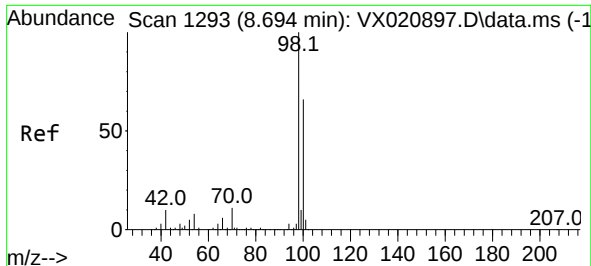
Tgt Ion:130 Resp: 31054
Ion Ratio Lower Upper
130 100
95 99.9 0.0 198.0



#49
1,4-Dioxane
Concen: 6.37 ug/l
RT: 7.717 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VX020955.D
Acq: 01 Mar 2021 23:23

Tgt Ion: 88 Resp: 439
Ion Ratio Lower Upper
88 100
43 43.5 23.2 34.8#
58 59.0 55.0 82.4

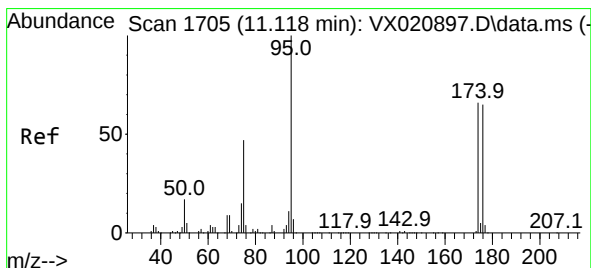
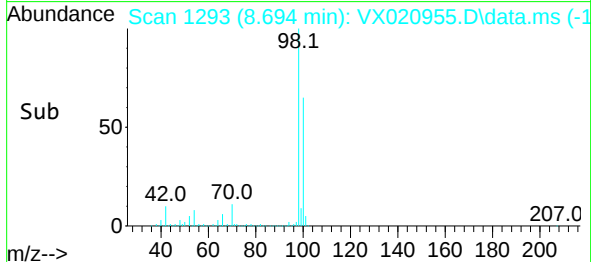
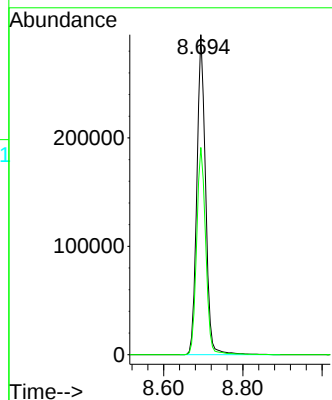
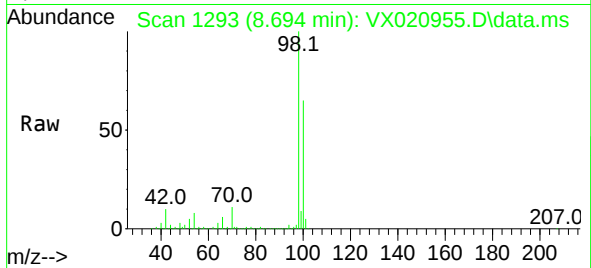




#50
Toluene-d8
Concen: 49.57 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX020955.D
Acq: 01 Mar 2021 23:23

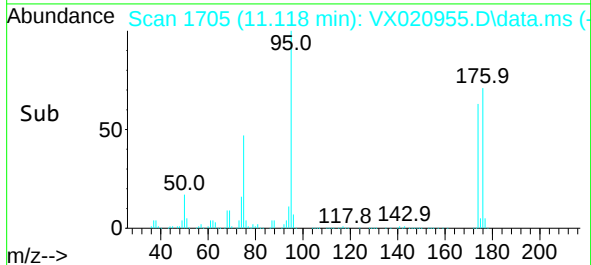
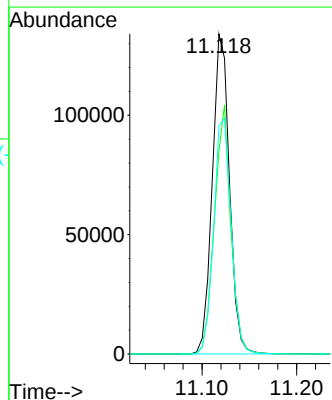
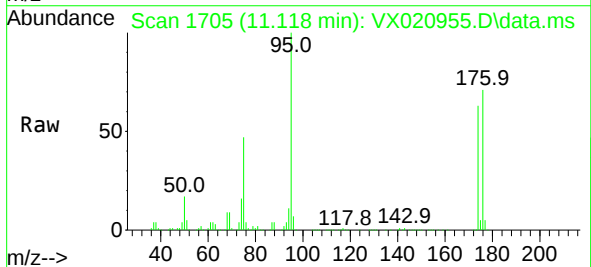
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-698-700

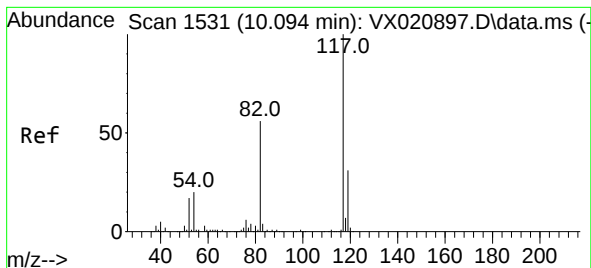
Tgt Ion: 98 Resp: 449210
Ion Ratio Lower Upper
98 100
100 67.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 50.34 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX020955.D
Acq: 01 Mar 2021 23:23

Tgt Ion: 95 Resp: 168687
Ion Ratio Lower Upper
95 100
174 74.0 0.0 154.6
176 75.3 0.0 155.8

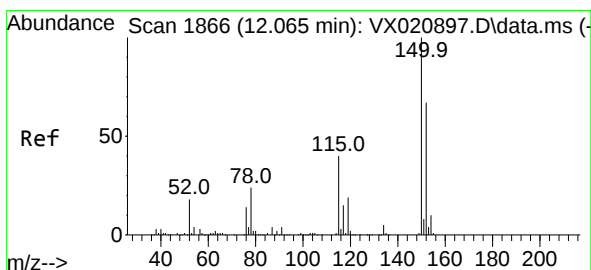
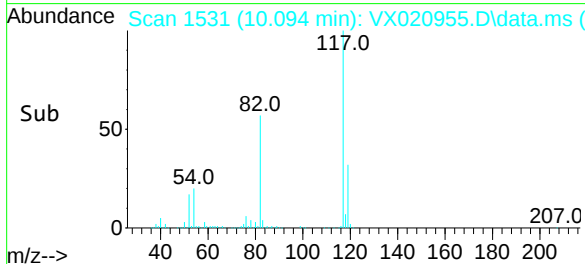
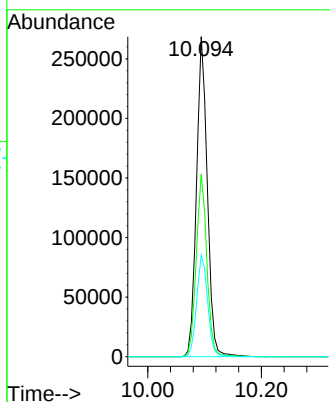
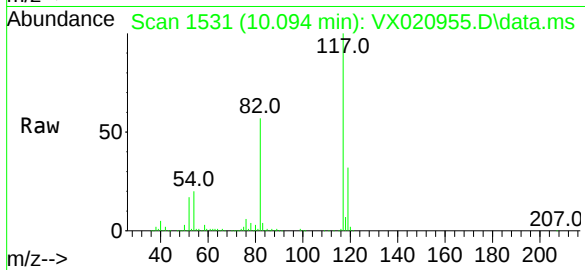




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX020955.D
Acq: 01 Mar 2021 23:23

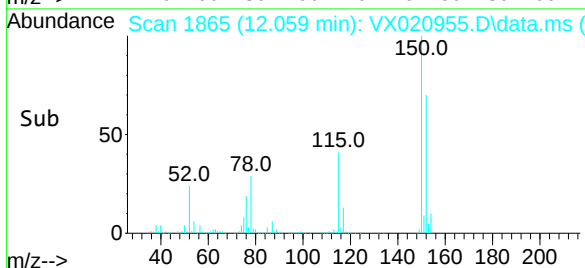
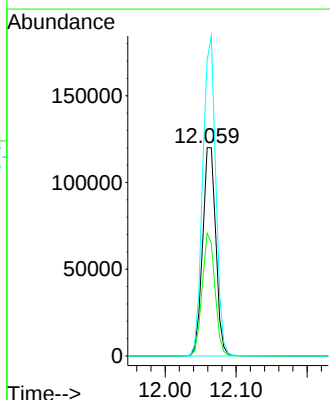
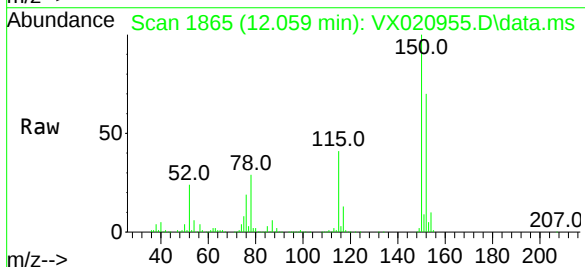
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-698-700

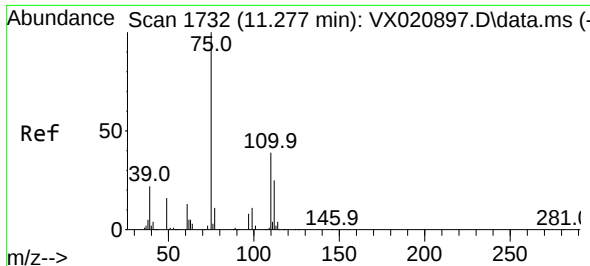
Tgt Ion:117 Resp: 357594
Ion Ratio Lower Upper
117 100
82 57.1 47.4 71.2
119 31.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX020955.D
Acq: 01 Mar 2021 23:23

Tgt Ion:152 Resp: 155595
Ion Ratio Lower Upper
152 100
115 57.2 41.1 123.3
150 151.4 0.0 349.0

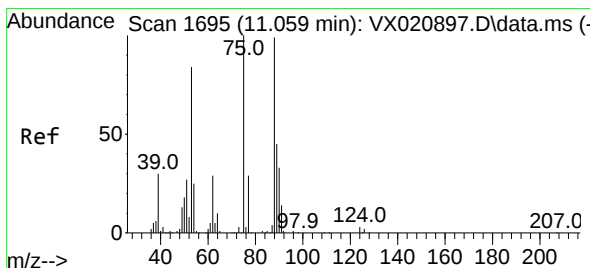
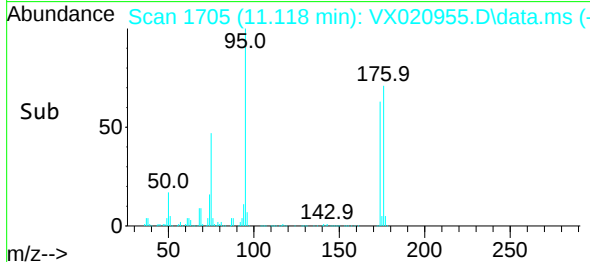
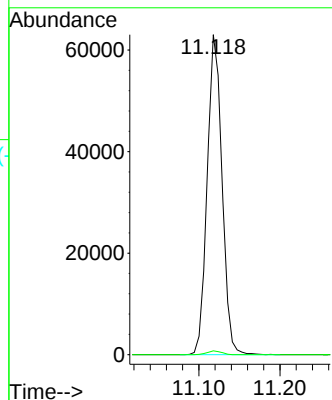
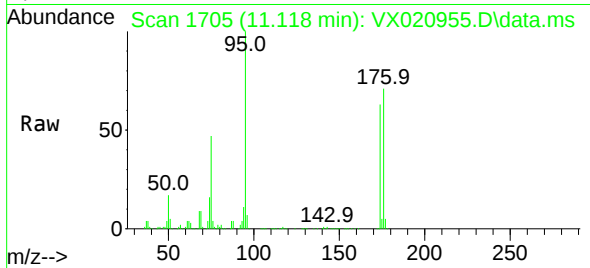




#76
1,2,3-Trichloropropane
Concen: 23.84 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX020955.D
Acq: 01 Mar 2021 23:23

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-698-700

Tgt Ion: 75 Resp: 79791
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 52.78 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX020955.D
Acq: 01 Mar 2021 23:23

Tgt Ion: 75 Resp: 79791
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

