

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030221\
 Data File : VX020951.D
 Acq On : 01 Mar 2021 21:51
 Operator : JC/MD
 Sample : M1535-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW807-20-25-022721

Quant Time: Mar 02 00:33:57 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)

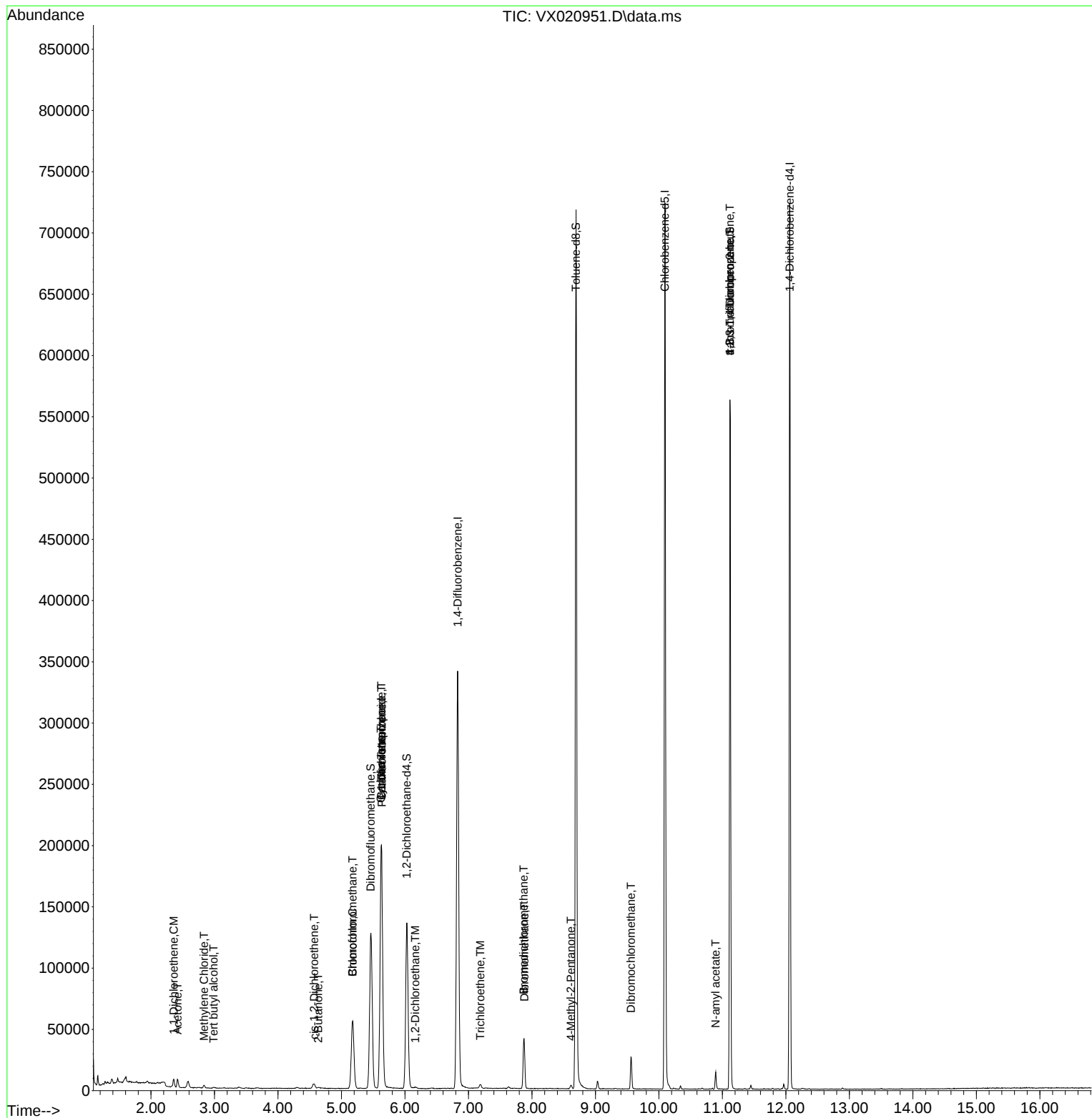
Internal Standards						
1) Pentafluorobenzene	5.635	168	194661	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.829	114	360865	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	346588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	146999	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	127928	48.65	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.30%		
35) Dibromofluoromethane	5.458	113	111873	51.02	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.04%		
50) Toluene-d8	8.694	98	433120	50.66	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.32%		
62) 4-Bromofluorobenzene	11.118	95	161907	51.22	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.44%		
Target Compounds						Qvalue
5) Bromomethane	1.634	94	345	Below Cal		82
11) Tert butyl alcohol	2.987	59	543	0.93 ug/l #		73
12) 1,1-Dichloroethene	2.358	96	2440	1.12 ug/l		97
16) Acetone	2.417	43	6675	6.16 ug/l		93
20) Methylene Chloride	2.835	84	1084	0.42 ug/l #		90
25) 2-Butanone	4.635	43	746	0.45 ug/l #		69
27) cis-1,2-Dichloroethene	4.570	96	2536	0.90 ug/l		99
28) Bromochloromethane	5.176	49	5066	2.81 ug/l #		9
30) Chloroform	5.176	83	68363	16.09 ug/l		100
31) Cyclohexane	5.623	56	3896	1.02 ug/l #		1
36) 1,1-Dichloropropene	5.629	75	14494	4.23 ug/l #		48
38) Carbon Tetrachloride	5.629	117	19060	5.74 ug/l #		16
42) 1,2-Dichloroethane	6.164	62	975	0.29 ug/l		78
44) Trichloroethene	7.188	130	1347	0.50 ug/l		93
46) Dibromomethane	7.882	93	796	0.46 ug/l #		2
47) Bromodichloromethane	7.870	83	28243	7.82 ug/l		100
51) 4-Methyl-2-Pentanone	8.612	43	2608	0.81 ug/l #		58
60) Dibromochloromethane	9.559	129	7272	2.72 ug/l		99
74) N-amyl acetate	10.894	43	1937	0.41 ug/l #		10
76) 1,2,3-Trichloropropane	11.118	75	77440	24.49 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	77440	54.22 ug/l #		12

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

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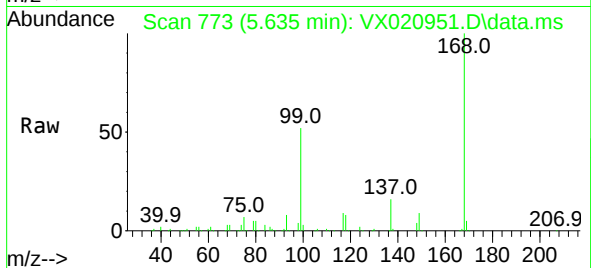
Quant Time: Mar 02 00:33:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 24 13:50:55 2021
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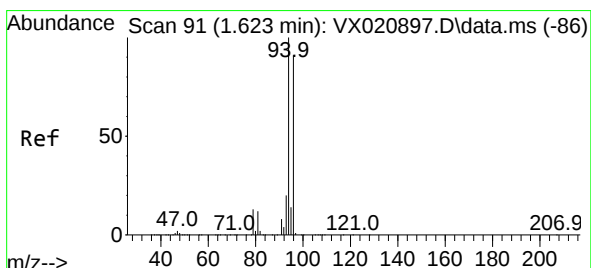
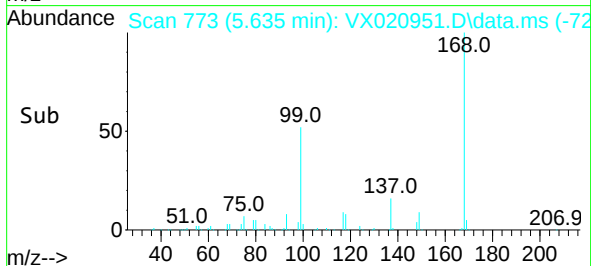
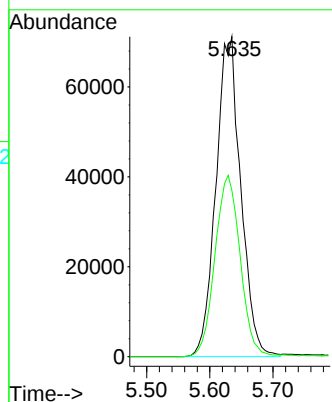


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.012 min
Lab File: VX020951.D
Acq: 01 Mar 2021 21:51

Instrument :
MSVOA_X
ClientSampleId :
GW807-20-25-022721

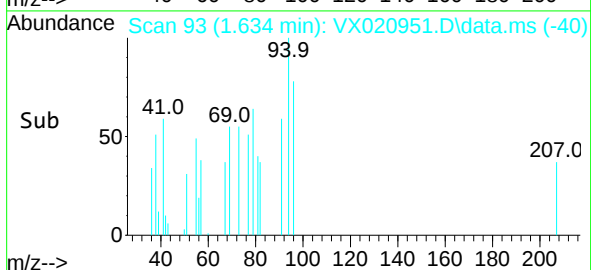
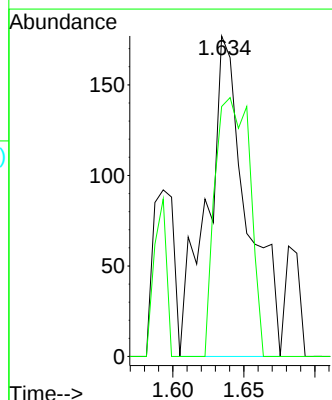
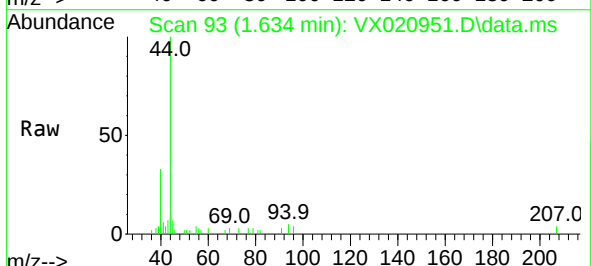


Tgt Ion:168 Resp: 194661
Ion Ratio Lower Upper
168 100
99 52.0 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX020951.D
Acq: 01 Mar 2021 21:51

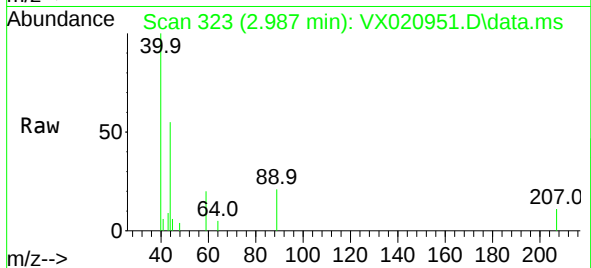
Tgt Ion: 94 Resp: 345
Ion Ratio Lower Upper
94 100
96 78.0 76.4 114.6



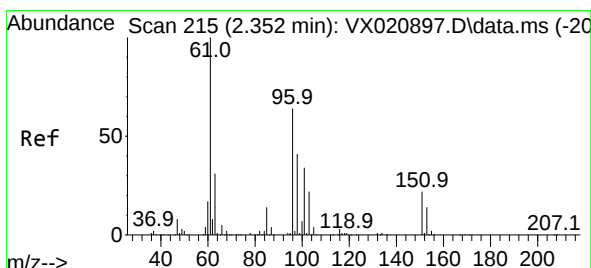
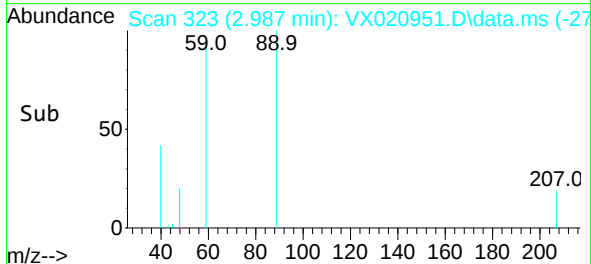
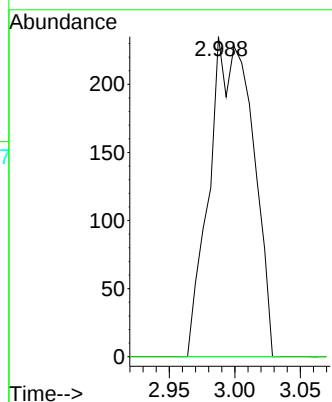


#11
Tert butyl alcohol
Concen: 0.93 ug/l
RT: 2.987 min Scan# 323
Delta R.T. -0.029 min
Lab File: VX020951.D
Acq: 01 Mar 2021 21:51

Instrument :
MSVOA_X
ClientSampleId :
GW807-20-25-022721

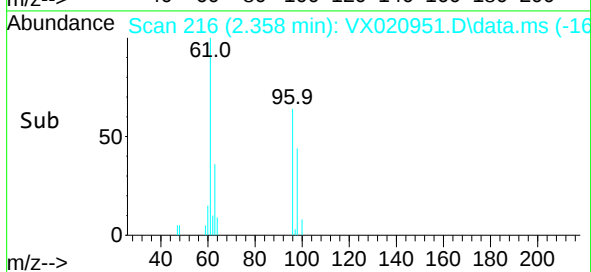
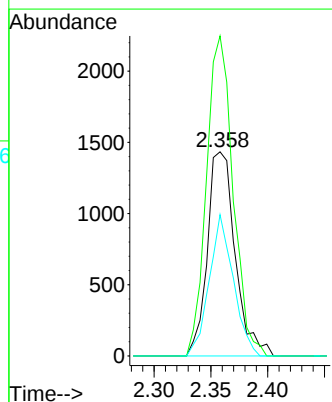
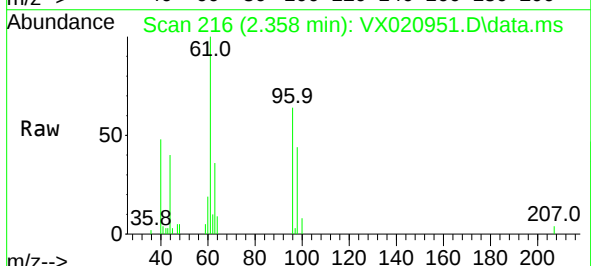


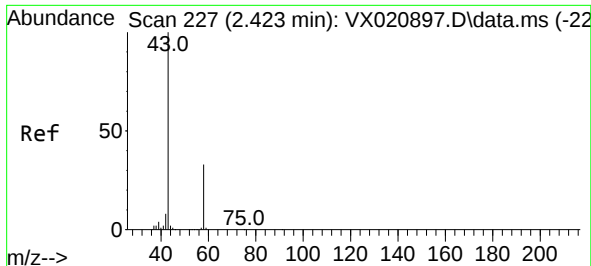
Tgt Ion: 59 Resp: 543
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 1.12 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX020951.D
Acq: 01 Mar 2021 21:51

Tgt Ion: 96 Resp: 2440
Ion Ratio Lower Upper
96 100
61 156.7 124.6 187.0
98 69.2 50.6 76.0

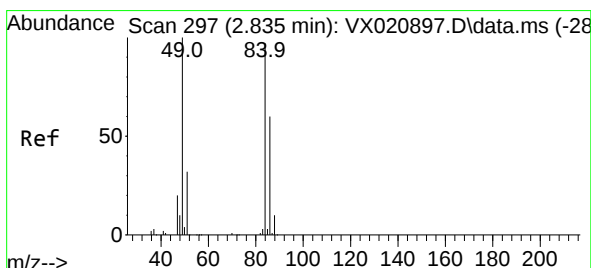
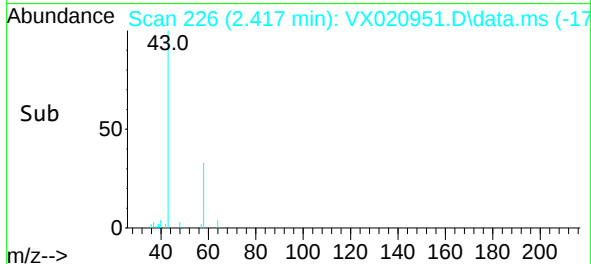
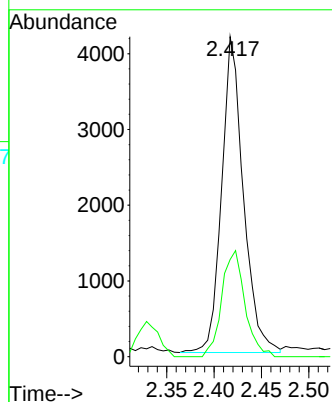
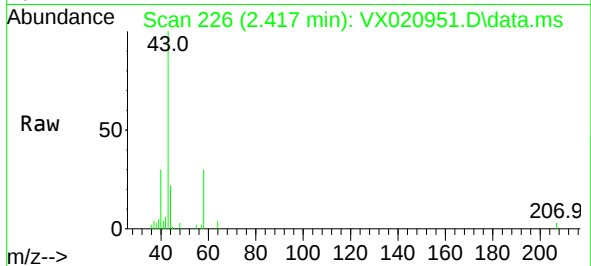




#16
Acetone
Concen: 6.16 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX020951.D
Acq: 01 Mar 2021 21:51

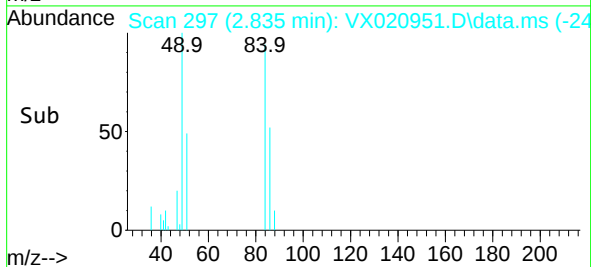
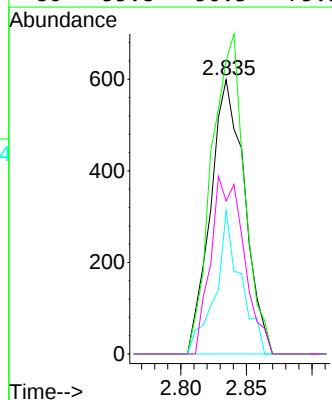
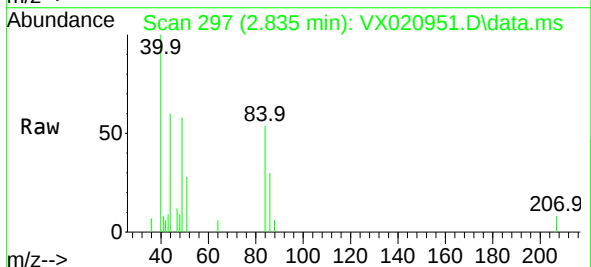
Instrument :
MSVOA_X
ClientSampleId :
GW807-20-25-022721

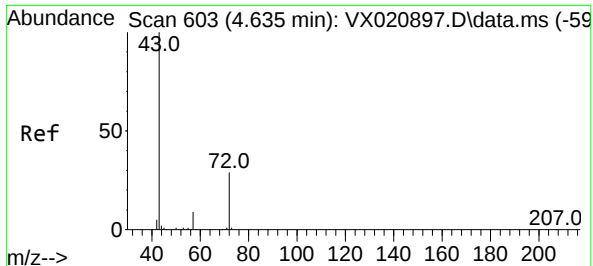
Tgt Ion: 43 Resp: 6675
Ion Ratio Lower Upper
43 100
58 30.8 27.8 41.8



#20
Methylene Chloride
Concen: 0.42 ug/l
RT: 2.835 min Scan# 297
Delta R.T. 0.000 min
Lab File: VX020951.D
Acq: 01 Mar 2021 21:51

Tgt Ion: 84 Resp: 1084
Ion Ratio Lower Upper
84 100
49 106.8 88.6 132.8
51 52.3 27.0 40.6#
86 55.8 50.3 75.5

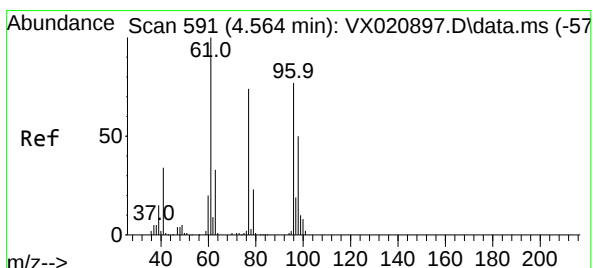
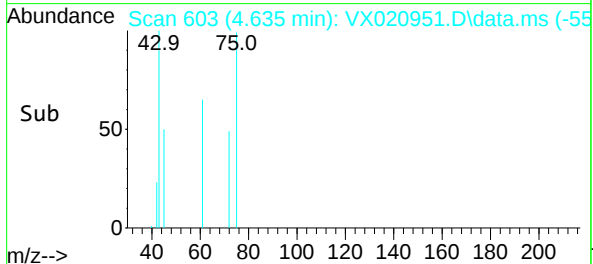
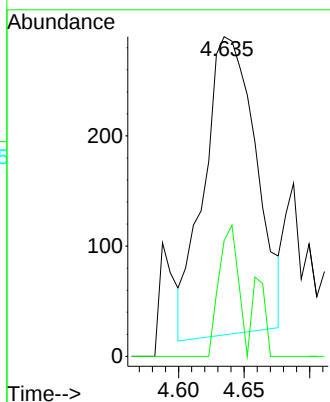
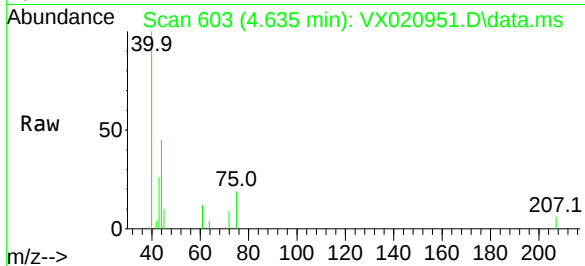




#25
2-Butanone
Concen: 0.45 ug/l
RT: 4.635 min Scan# 603
Delta R.T. 0.000 min
Lab File: VX020951.D
Acq: 01 Mar 2021 21:51

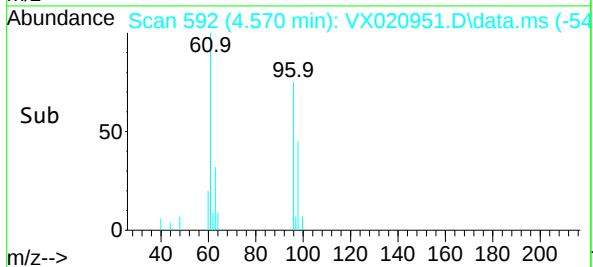
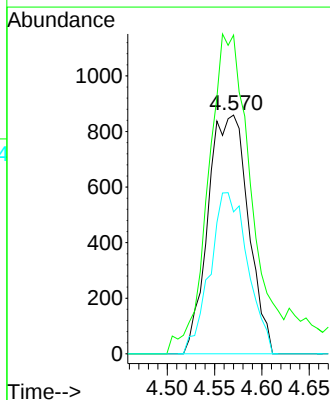
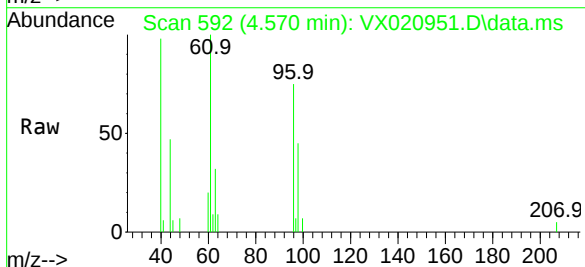
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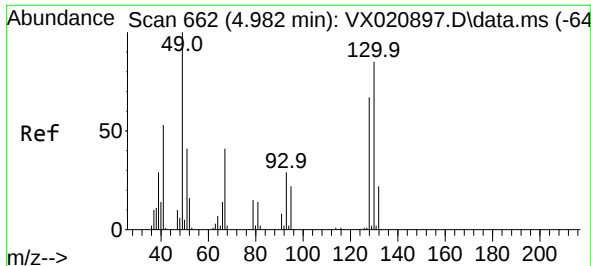
Tgt Ion: 43 Resp: 746
Ion Ratio Lower Upper
43 100
72 46.1 23.7 35.5#



#27
cis-1,2-Dichloroethene
Concen: 0.90 ug/l
RT: 4.570 min Scan# 592
Delta R.T. 0.006 min
Lab File: VX020951.D
Acq: 01 Mar 2021 21:51

Tgt Ion: 96 Resp: 2536
Ion Ratio Lower Upper
96 100
61 141.7 0.0 285.6
98 63.4 0.0 129.6

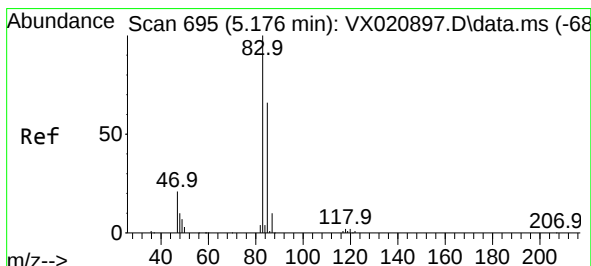
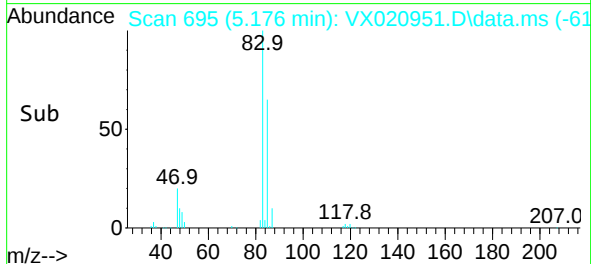
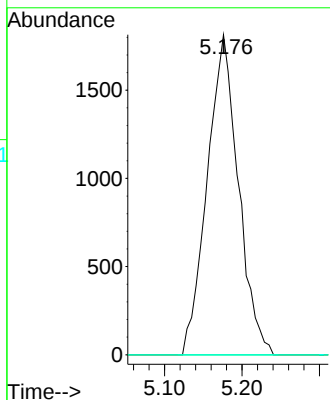
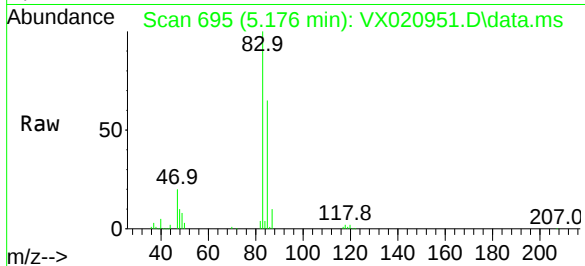




#28
Bromochloromethane
Concen: 2.81 ug/l
RT: 5.176 min Scan# 695
Delta R.T. 0.194 min
Lab File: VX020951.D
Acq: 01 Mar 2021 21:51

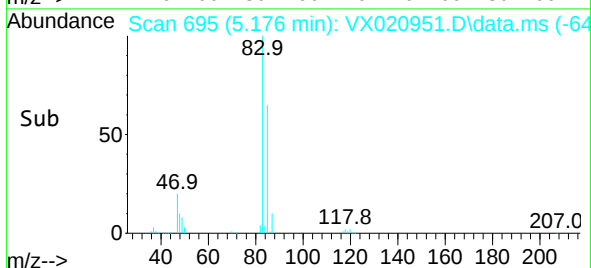
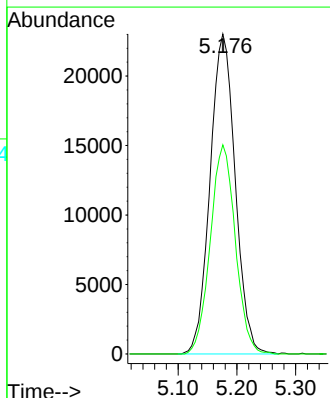
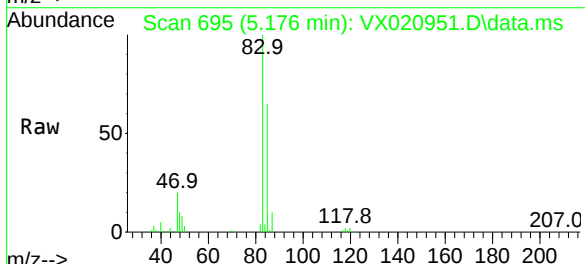
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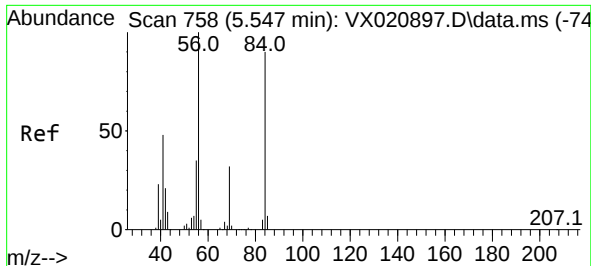
Tgt Ion: 49 Resp: 5066
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 68.2 102.2#



#30
Chloroform
Concen: 16.09 ug/l
RT: 5.176 min Scan# 695
Delta R.T. 0.000 min
Lab File: VX020951.D
Acq: 01 Mar 2021 21:51

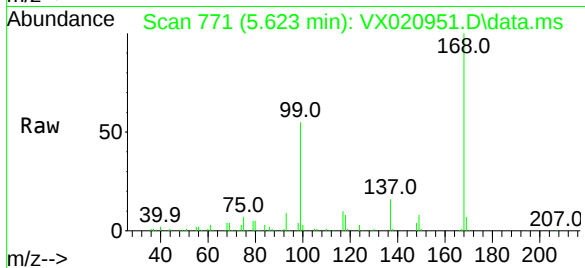
Tgt Ion: 83 Resp: 68363
Ion Ratio Lower Upper
83 100
85 65.3 52.0 78.0



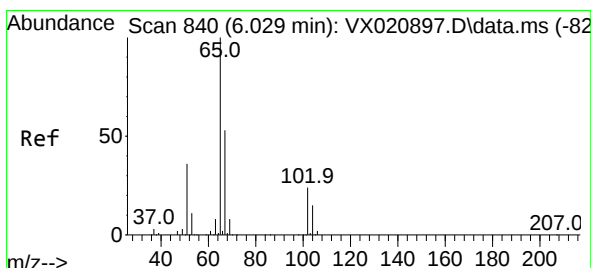
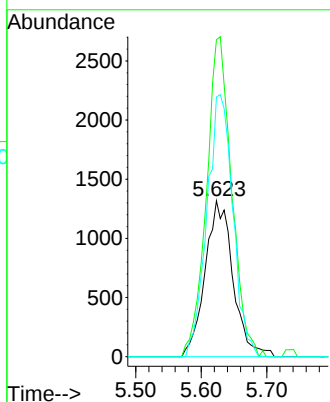
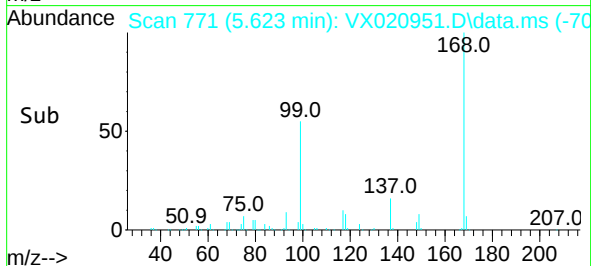


#31
Cyclohexane
Concen: 1.02 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.077 min
Lab File: VX020951.D
Acq: 01 Mar 2021 21:51

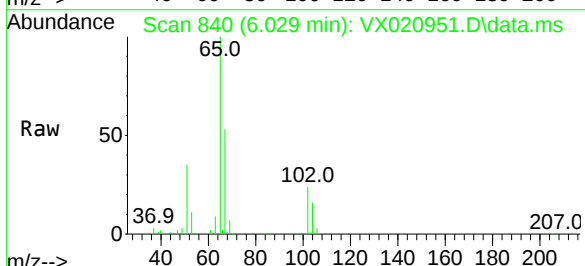
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MSVOA_X
ClientSampleId :
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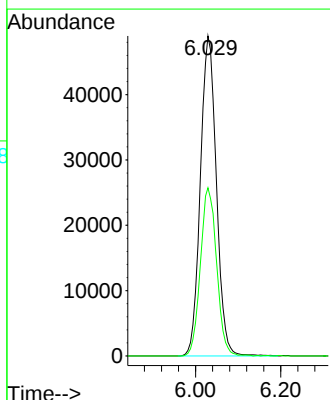
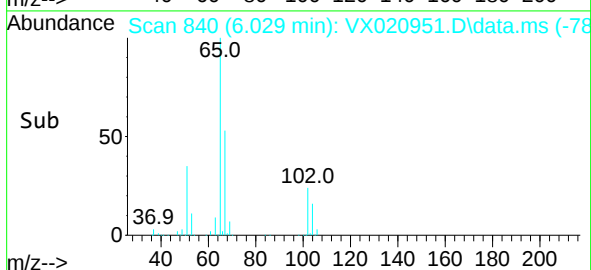
Tgt Ion: 56 Resp: 3896
Ion Ratio Lower Upper
56 100
69 203.3 25.3 37.9#
84 166.5 71.4 107.0#

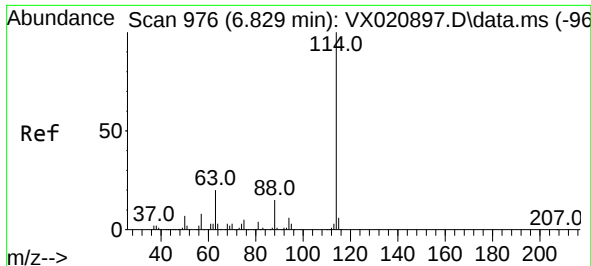


#33
1,2-Dichloroethane-d4
Concen: 48.65 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX020951.D
Acq: 01 Mar 2021 21:51



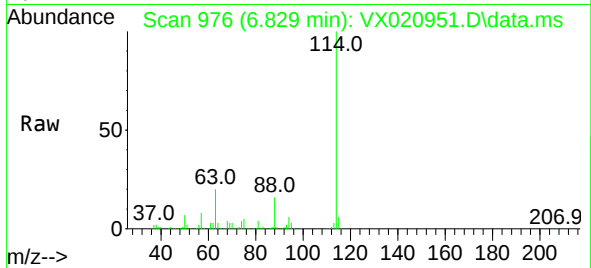
Tgt Ion: 65 Resp: 127928
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4



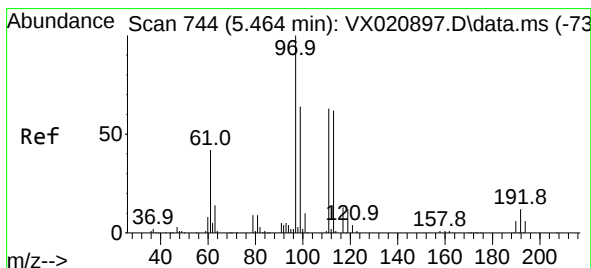
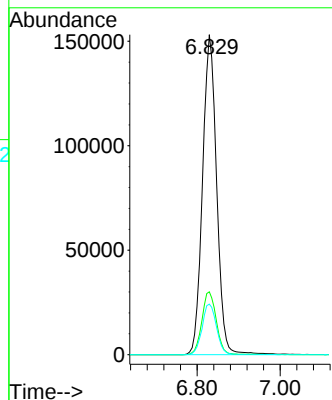
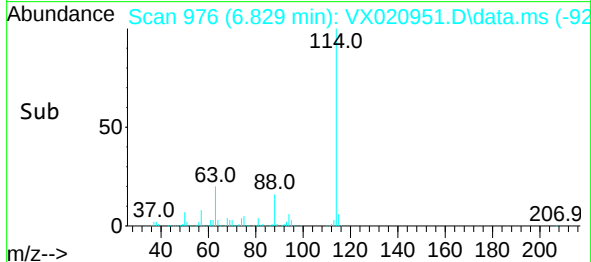


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX020951.D
Acq: 01 Mar 2021 21:51

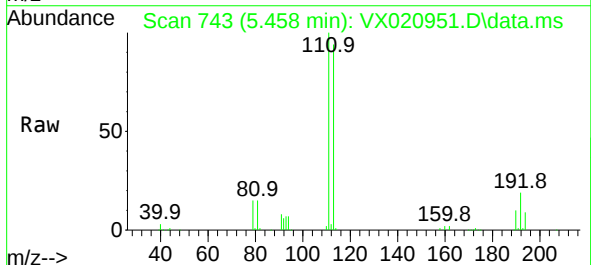
Instrument :
MSVOA_X
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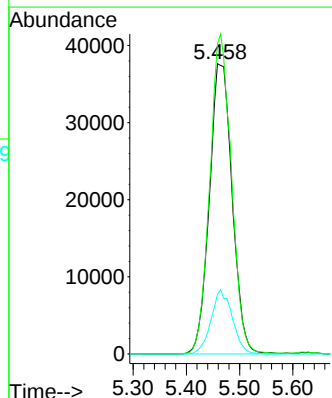
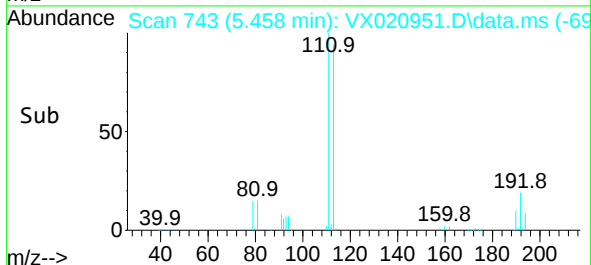
Tgt Ion:114 Resp: 360865
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.8
88 15.8 0.0 32.8

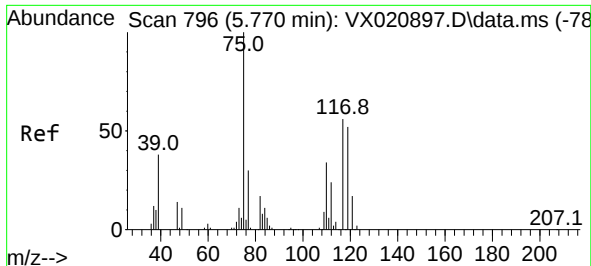


#35
Dibromofluoromethane
Concen: 51.02 ug/l
RT: 5.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: VX020951.D
Acq: 01 Mar 2021 21:51



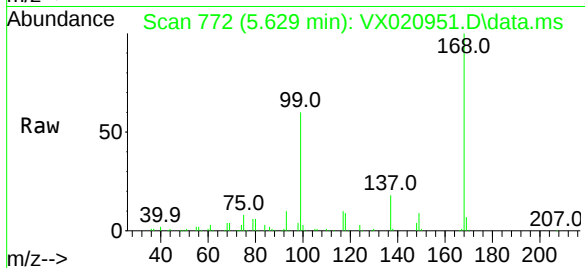
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Ion Ratio Lower Upper
113 100
111 104.8 81.9 122.9
192 20.6 16.7 25.1



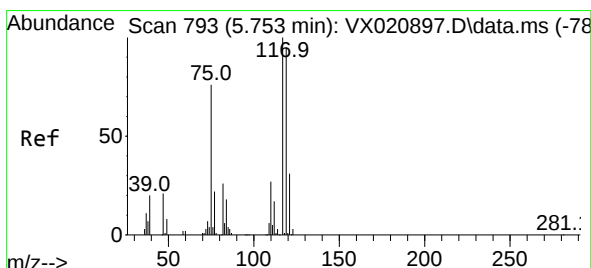
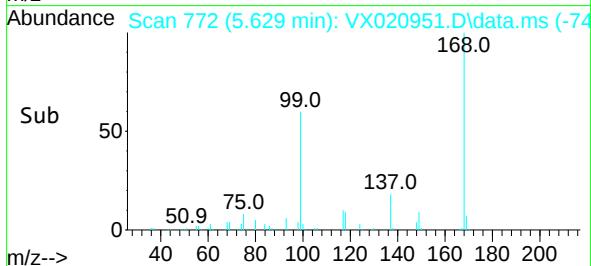
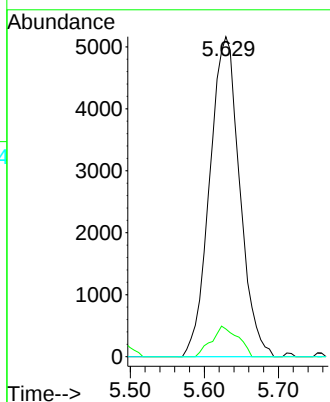


#36
1,1-Dichloropropene
Concen: 4.23 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX020951.D
Acq: 01 Mar 2021 21:51

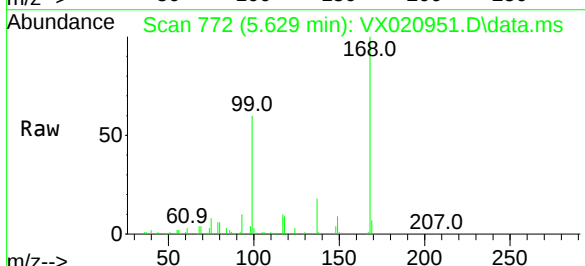
Instrument :
MSVOA_X
ClientSampleId :
GW807-20-25-022721



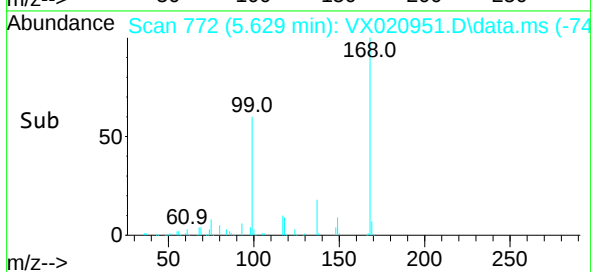
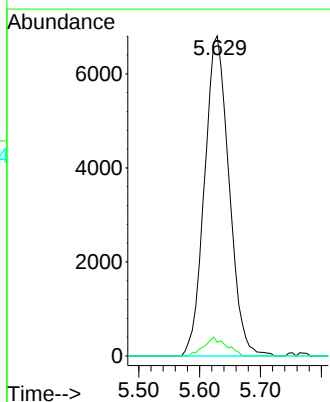
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.1	54.4#
77	0.0	25.3	37.9#

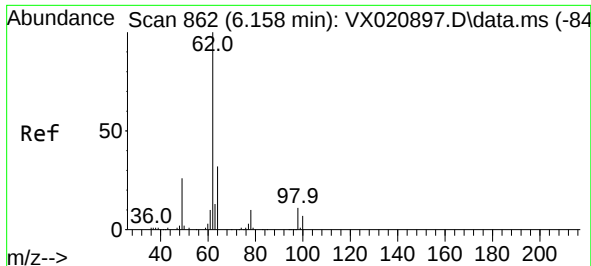


#38
Carbon Tetrachloride
Concen: 5.74 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX020951.D
Acq: 01 Mar 2021 21:51



Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.3	76.2	114.2#
121	0.0	24.8	37.2#





#42

1,2-Dichloroethane

Concen: 0.29 ug/l

RT: 6.164 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX020951.D

Acq: 01 Mar 2021 21:51

Tgt Ion: 62 Resp: 975

Ion Ratio Lower Upper

62 100

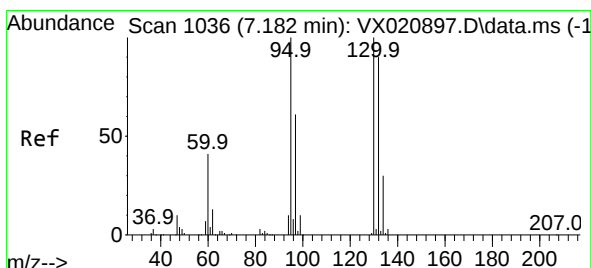
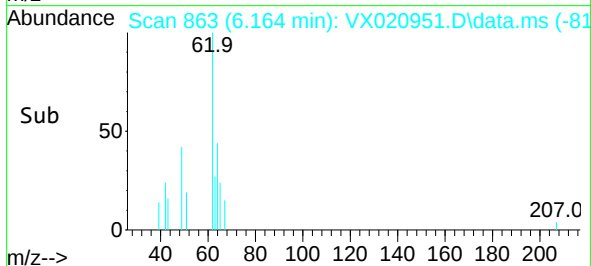
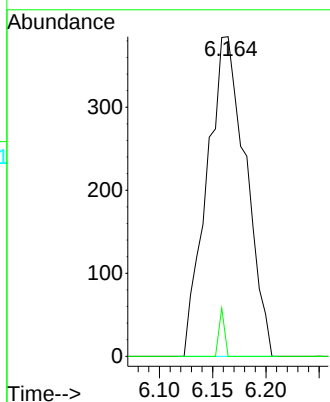
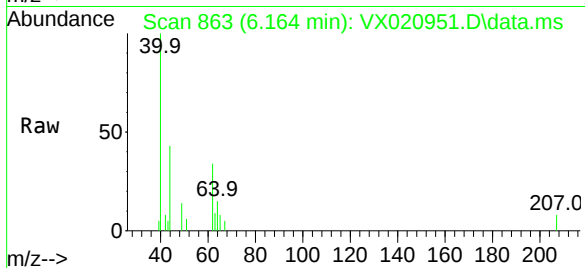
98 2.1 0.0 20.2

Instrument :

MSVOA_X

ClientSampleId :

GW807-20-25-022721



#44

Trichloroethene

Concen: 0.50 ug/l

RT: 7.188 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VX020951.D

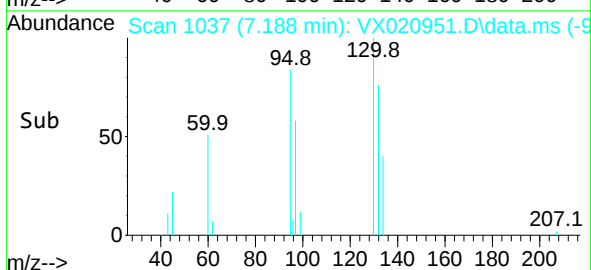
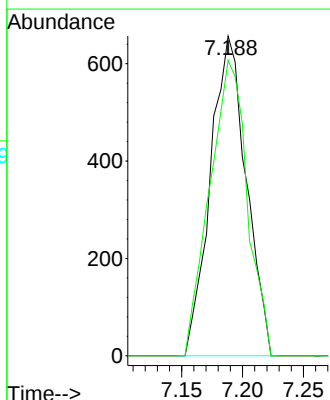
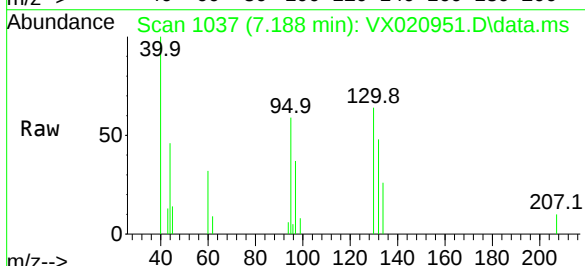
Acq: 01 Mar 2021 21:51

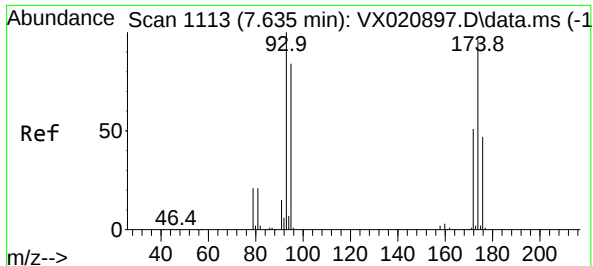
Tgt Ion: 130 Resp: 1347

Ion Ratio Lower Upper

130 100

95 92.4 0.0 198.0

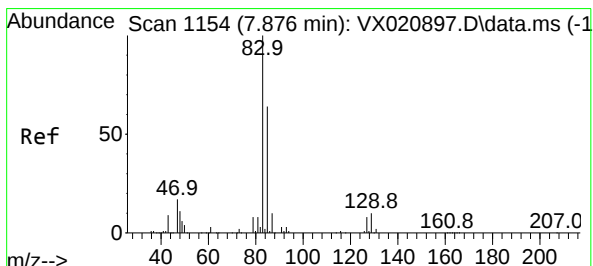
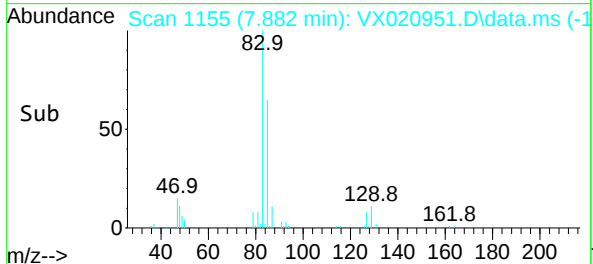
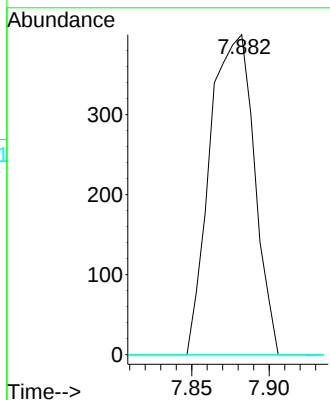
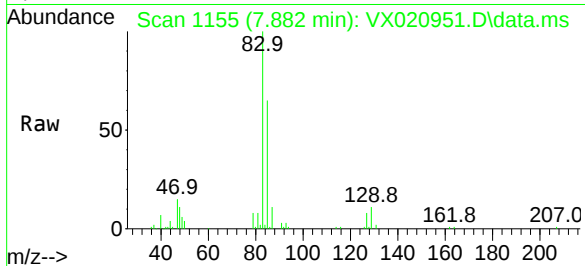




#46
Dibromomethane
Concen: 0.46 ug/l
RT: 7.882 min Scan# 1155
Delta R.T. 0.247 min
Lab File: VX020951.D
Acq: 01 Mar 2021 21:51

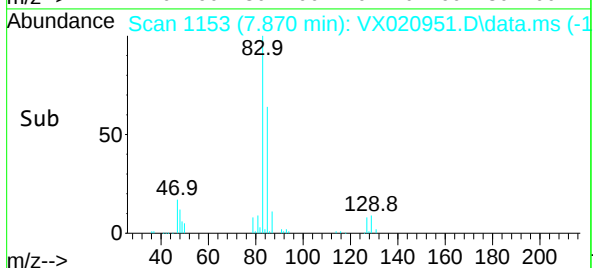
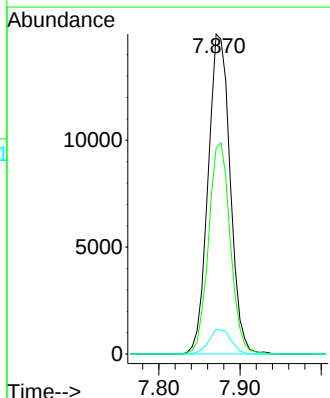
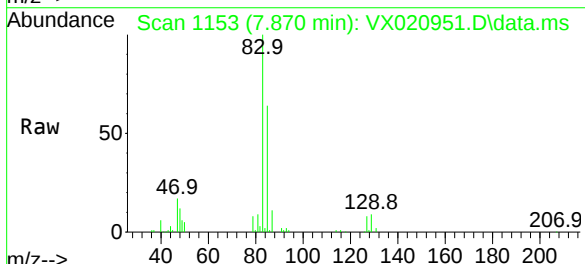
Instrument :
MSVOA_X
ClientSampleId :
GW807-20-25-022721

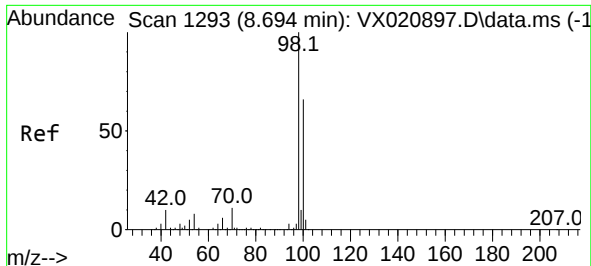
Tgt Ion: 93 Resp: 796
Ion Ratio Lower Upper
93 100
95 0.0 66.8 100.2#
174 0.0 83.1 124.7#



#47
Bromodichloromethane
Concen: 7.82 ug/l
RT: 7.870 min Scan# 1153
Delta R.T. -0.006 min
Lab File: VX020951.D
Acq: 01 Mar 2021 21:51

Tgt Ion: 83 Resp: 28243
Ion Ratio Lower Upper
83 100
85 64.4 51.4 77.0
127 7.7 6.8 10.2

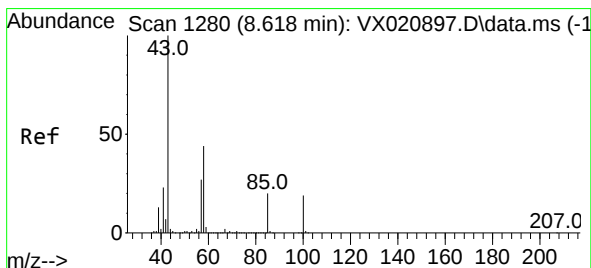
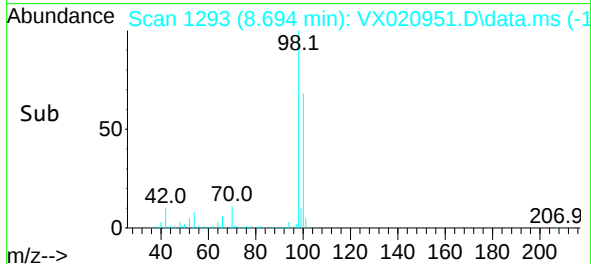
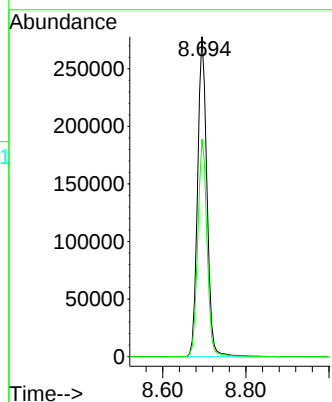
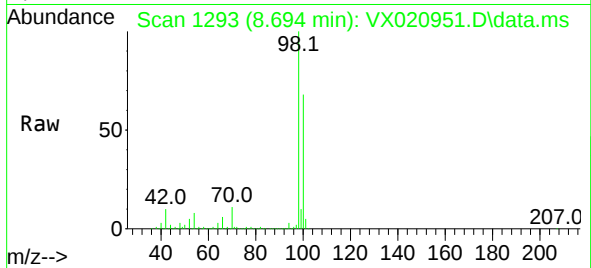




#50
Toluene-d8
Concen: 50.66 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX020951.D
Acq: 01 Mar 2021 21:51

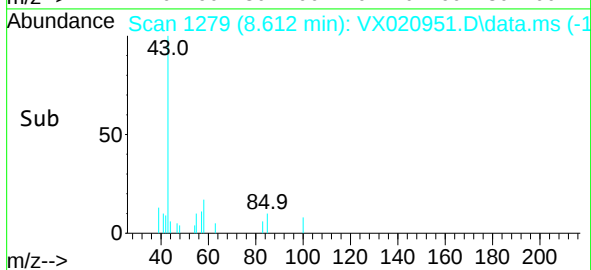
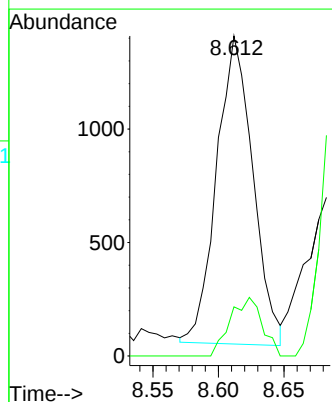
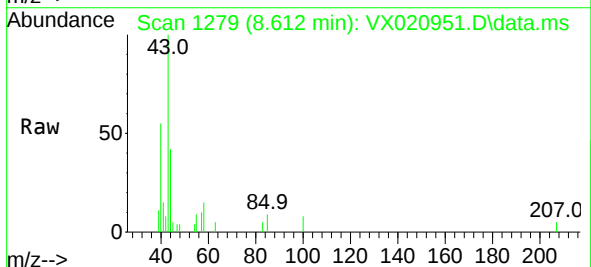
Instrument :
MSVOA_X
ClientSampleId :
GW807-20-25-022721

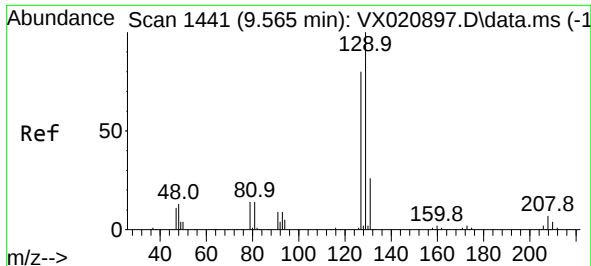
Tgt Ion: 98 Resp: 433120
Ion Ratio Lower Upper
98 100
100 67.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.81 ug/l
RT: 8.612 min Scan# 1279
Delta R.T. -0.006 min
Lab File: VX020951.D
Acq: 01 Mar 2021 21:51

Tgt Ion: 43 Resp: 2608
Ion Ratio Lower Upper
43 100
58 16.8 35.4 53.0#

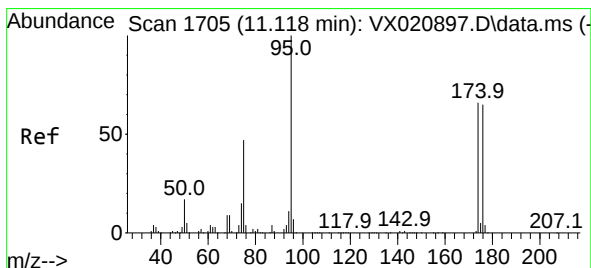
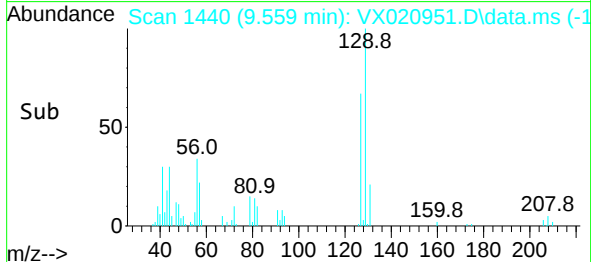
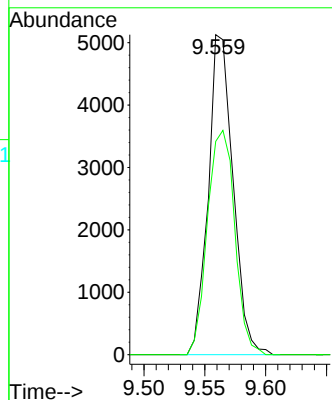
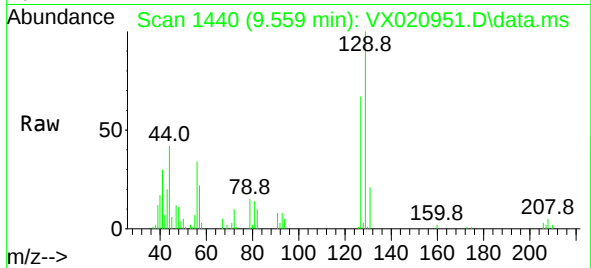




#60
Dibromochloromethane
Concen: 2.72 ug/l
RT: 9.559 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VX020951.D
Acq: 01 Mar 2021 21:51

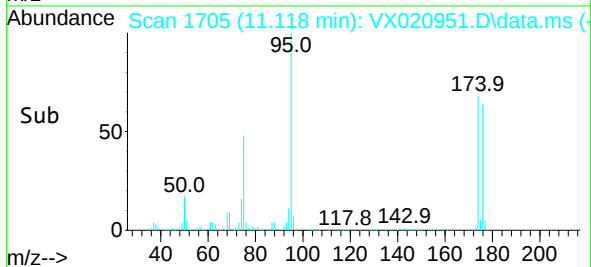
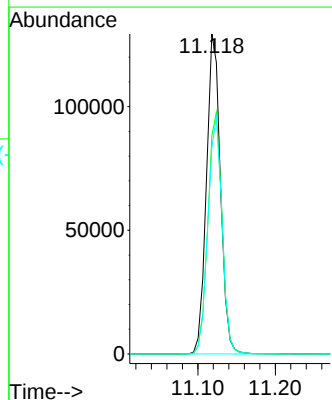
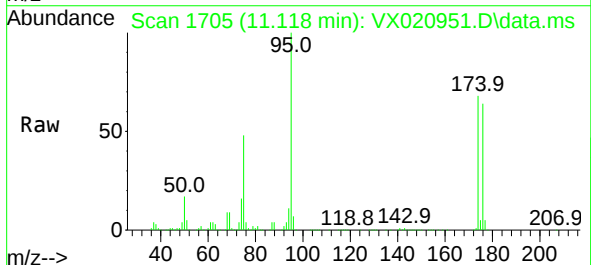
Instrument :
MSVOA_X
ClientSampleId :
GW807-20-25-022721

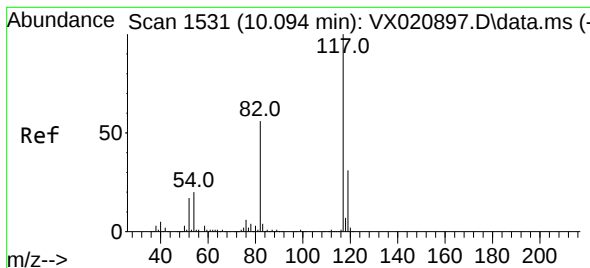
Tgt Ion:129 Resp: 7272
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.2



#62
4-Bromofluorobenzene
Concen: 51.22 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX020951.D
Acq: 01 Mar 2021 21:51

Tgt Ion: 95 Resp: 161907
Ion Ratio Lower Upper
95 100
174 77.0 0.0 154.6
176 75.2 0.0 155.8

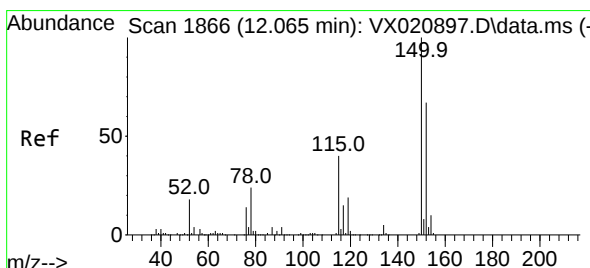
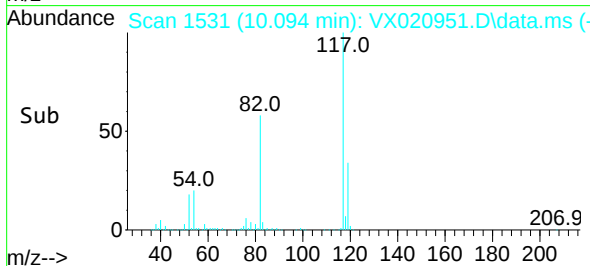
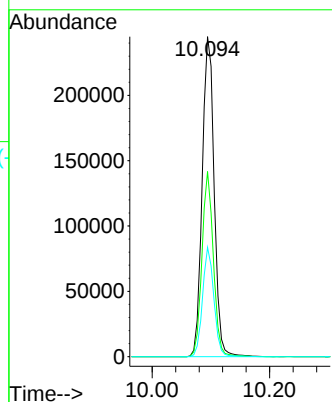
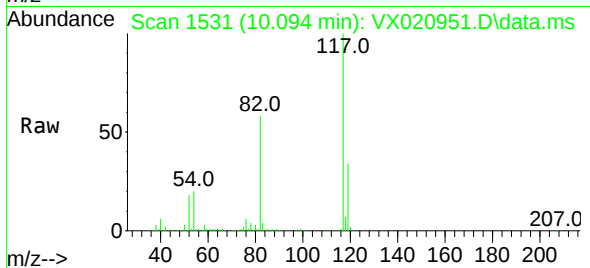




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX020951.D
Acq: 01 Mar 2021 21:51

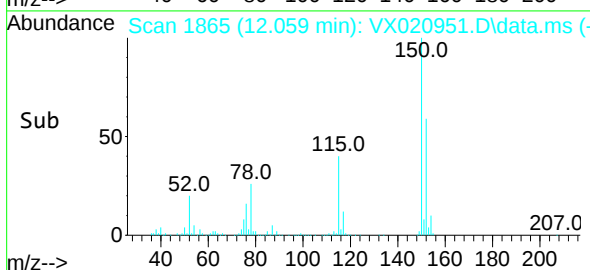
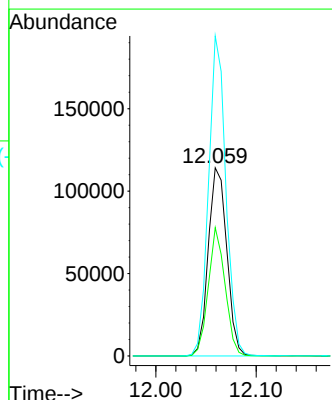
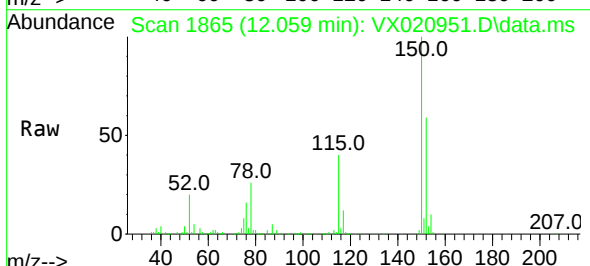
Instrument :
MSVOA_X
ClientSampleId :
GW807-20-25-022721

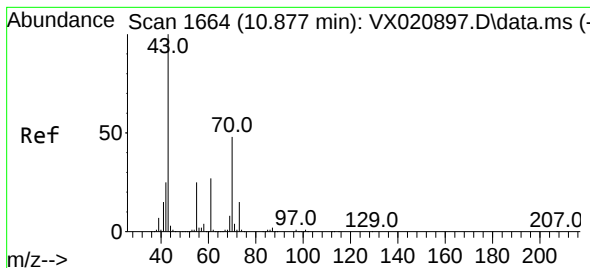
Tgt Ion:117 Resp: 346588
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.2
119 34.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX020951.D
Acq: 01 Mar 2021 21:51

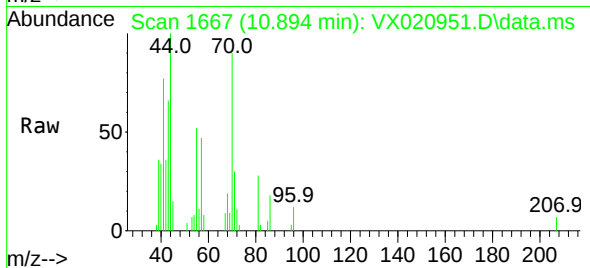
Tgt Ion:152 Resp: 146999
Ion Ratio Lower Upper
152 100
115 61.9 41.1 123.3
150 159.1 0.0 349.0



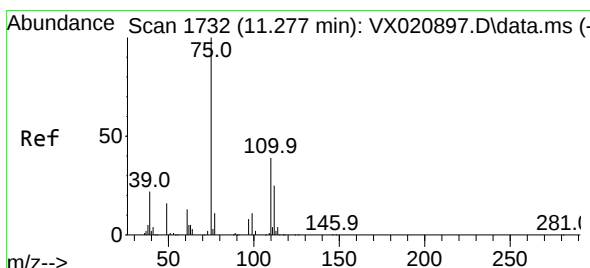
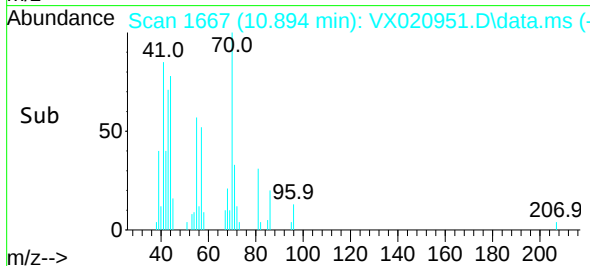
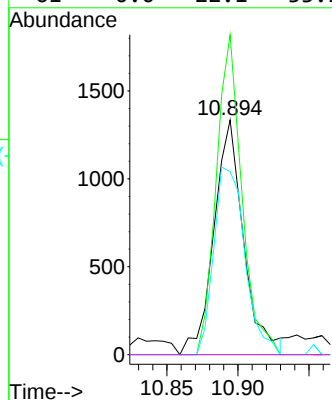


#74
N-amy1 acetate
Concen: 0.41 ug/l
RT: 10.894 min Scan# 1667
Delta R.T. 0.018 min
Lab File: VX020951.D
Acq: 01 Mar 2021 21:51

Instrument :
MSVOA_X
ClientSampleId :
GW807-20-25-022721

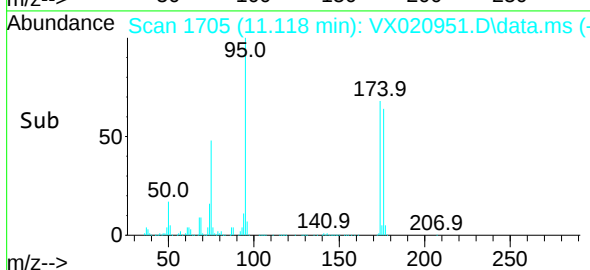
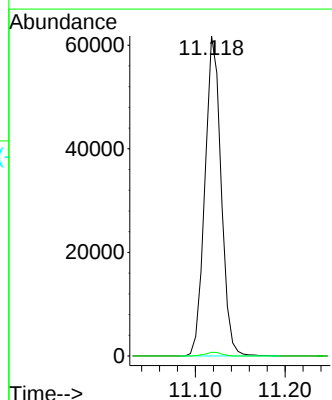
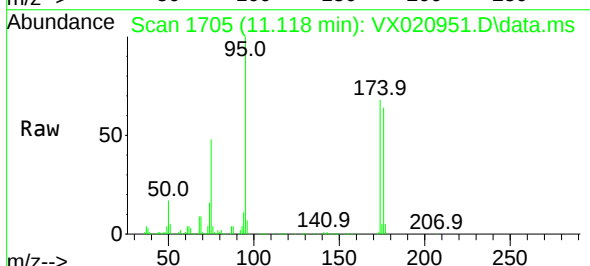


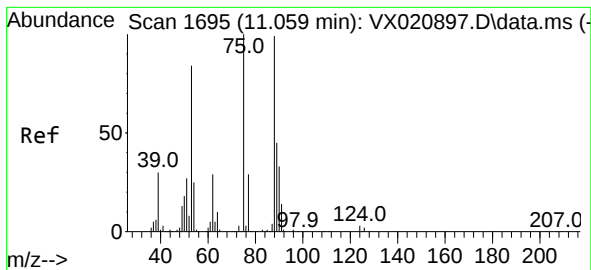
Tgt Ion: 43	Resp: 1937
Ion Ratio	Lower Upper
43 100	
70 117.4	39.0 58.6#
55 83.6	21.5 32.3#
61 0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 24.49 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX020951.D
Acq: 01 Mar 2021 21:51

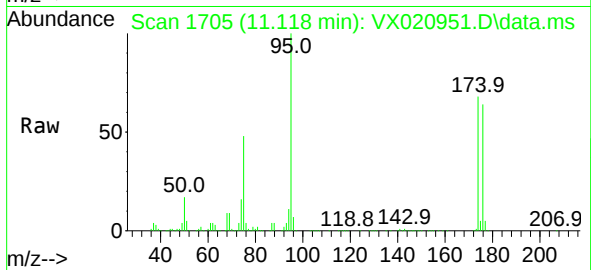
Tgt Ion: 75	Resp: 77440
Ion Ratio	Lower Upper
75 100	
77 1.2	19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.22 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX020951.D
 Acq: 01 Mar 2021 21:51

Instrument :
 MSVOA_X
 ClientSampleId :
 GW807-20-25-022721



Tgt Ion: 75 Resp: 77440
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

