

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030821\
 Data File : VX021058.D
 Acq On : 08 Mar 2021 14:17
 Operator : JC/MD
 Sample : M1594-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWBR3-187-200-030521-FD

Quant Time: Mar 09 01:05:43 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)

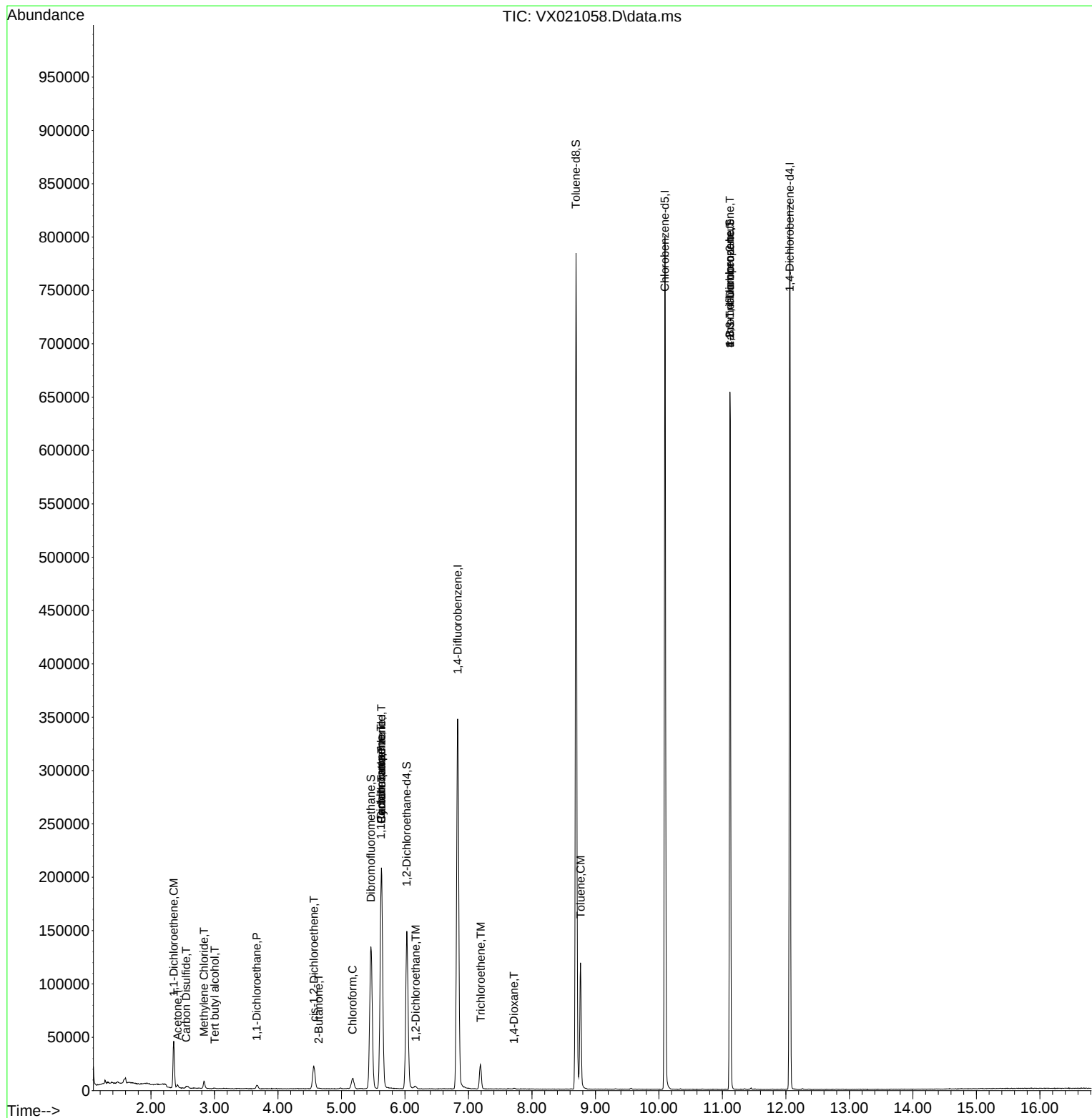
Internal Standards						
1) Pentafluorobenzene	5.629	168	205196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	373919	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	369327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	175580	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	136702	49.32	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.64%		
35) Dibromofluoromethane	5.464	113	119496	52.60	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	105.20%		
50) Toluene-d8	8.694	98	479084	54.08	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	108.16%		
62) 4-Bromofluorobenzene	11.118	95	183880	56.14	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	112.28%		
Target Compounds						
5) Bromomethane	1.640	94	303	Below Cal	#	78
11) Tert butyl alcohol	3.005	59	295	0.48	ug/l #	73
12) 1,1-Dichloroethene	2.358	96	14939	6.50	ug/l	94
16) Acetone	2.417	43	3225	2.82	ug/l	99
17) Carbon Disulfide	2.552	76	1593	0.24	ug/l #	94
20) Methylene Chloride	2.834	84	3157	1.15	ug/l	97
24) 1,1-Dichloroethane	3.664	63	3811	0.86	ug/l	97
25) 2-Butanone	4.640	43	747	0.43	ug/l	95
27) cis-1,2-Dichloroethene	4.564	96	14601	4.91	ug/l	87
30) Chloroform	5.176	83	12006	2.68	ug/l	97
31) Cyclohexane	5.629	56	3873	0.97	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	15345	4.32	ug/l #	48
38) Carbon Tetrachloride	5.629	117	19239	5.59	ug/l #	16
42) 1,2-Dichloroethane	6.170	62	2503	0.71	ug/l	99
44) Trichloroethene	7.194	130	9200	3.28	ug/l	89
49) 1,4-Dioxane	7.717	88	522	7.75	ug/l #	92
52) Toluene	8.765	92	46278	6.98	ug/l	96
76) 1,2,3-Trichloropropane	11.118	75	89091	23.59	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	89091	52.22	ug/l #	12

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

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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GWBR3-187-200-030521-FD

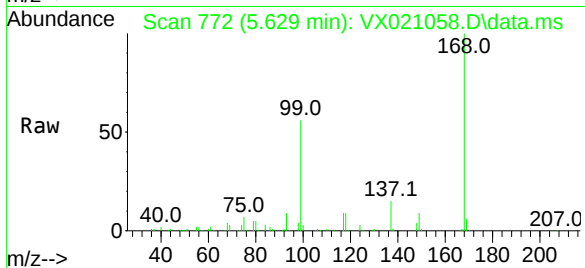
Quant Time: Mar 09 01:05:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 24 13:50:55 2021
Response via : Initial Calibration



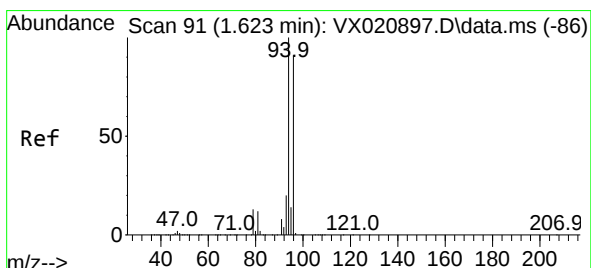
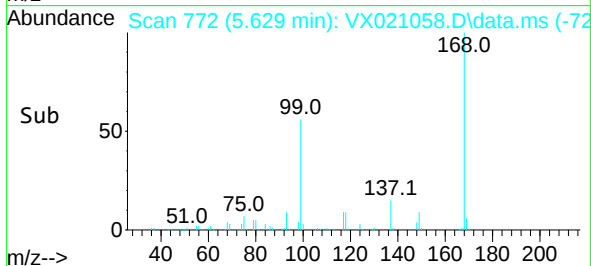
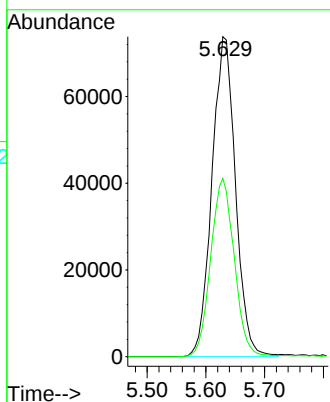


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021058.D
Acq: 08 Mar 2021 14:17

Instrument :
MSVOA_X
ClientSampleId :
GWBR3-187-200-030521-FD

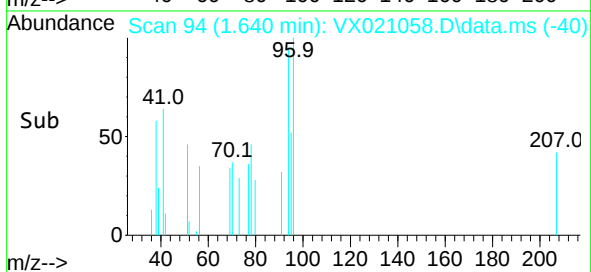
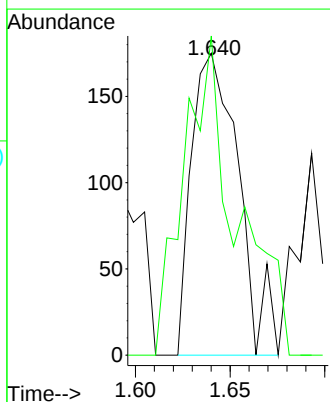
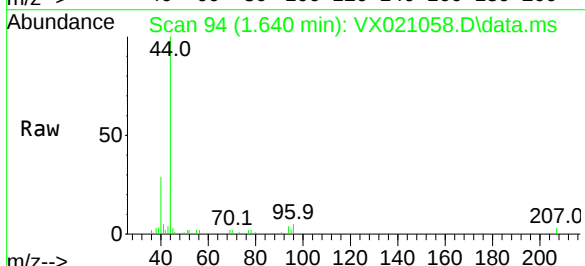


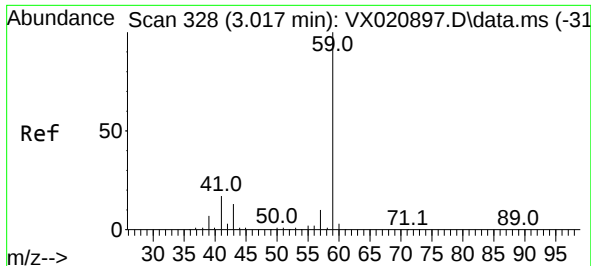
Tgt Ion:168 Resp: 205196
Ion Ratio Lower Upper
168 100
99 55.7 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021058.D
Acq: 08 Mar 2021 14:17

Tgt Ion: 94 Resp: 303
Ion Ratio Lower Upper
94 100
96 74.3 76.4 114.6#

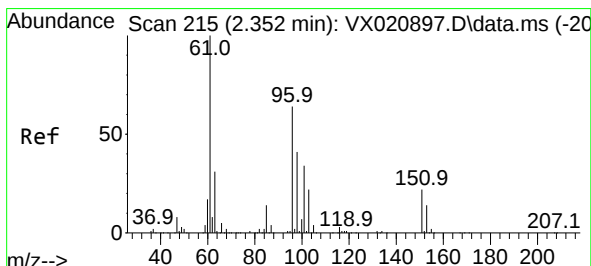
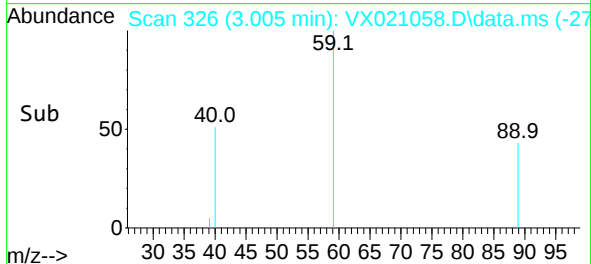
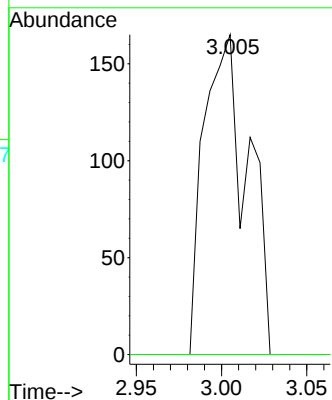
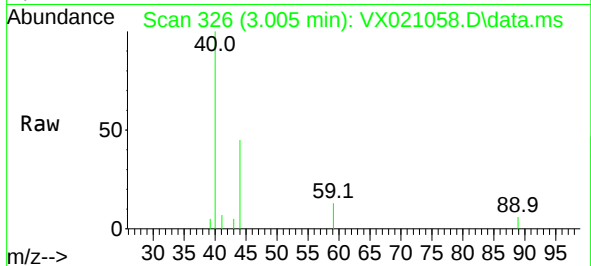




#11
Tert butyl alcohol
Concen: 0.48 ug/l
RT: 3.005 min Scan# 326
Delta R.T. -0.012 min
Lab File: VX021058.D
Acq: 08 Mar 2021 14:17

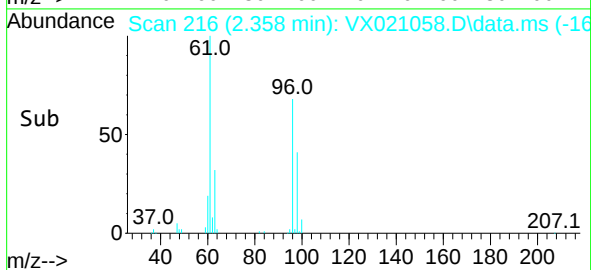
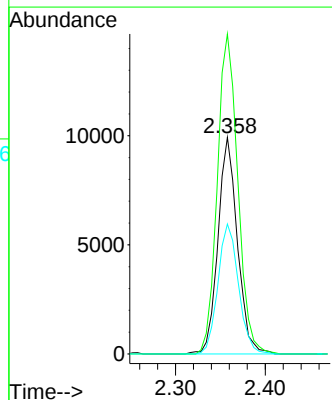
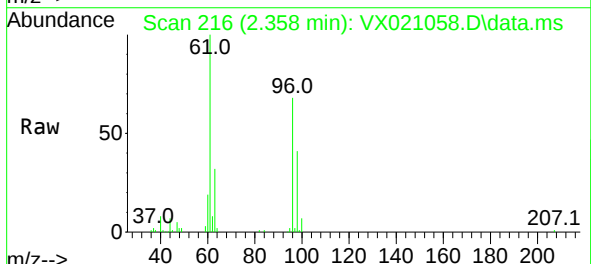
Instrument :
MSVOA_X
ClientSampleId :
GWBR3-187-200-030521-FD

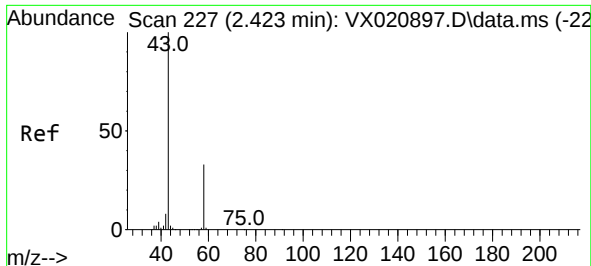
Tgt Ion: 59 Resp: 295
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 6.50 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX021058.D
Acq: 08 Mar 2021 14:17

Tgt Ion: 96 Resp: 14939
Ion Ratio Lower Upper
96 100
61 147.7 124.6 187.0
98 60.0 50.6 76.0

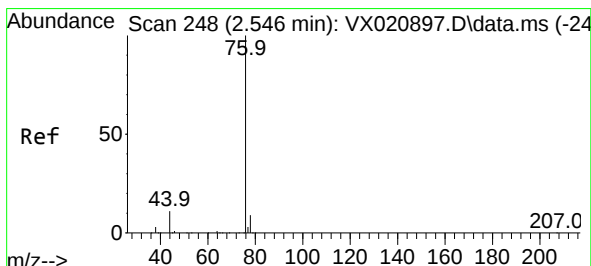
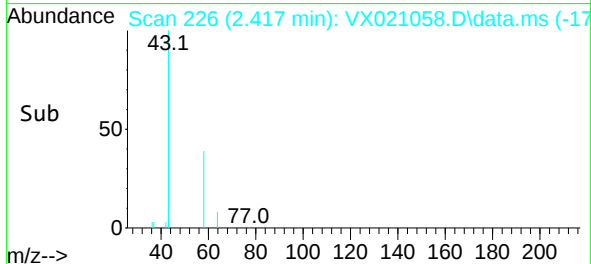
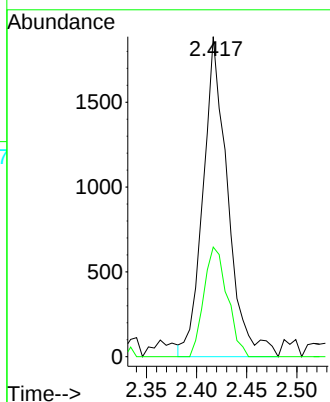
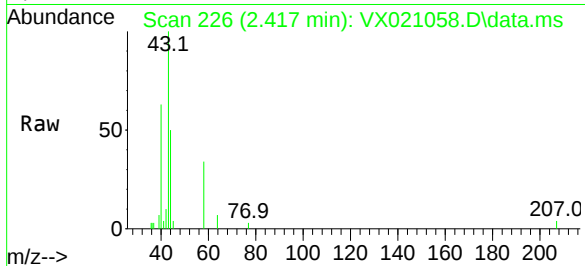




#16
Acetone
Concen: 2.82 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021058.D
Acq: 08 Mar 2021 14:17

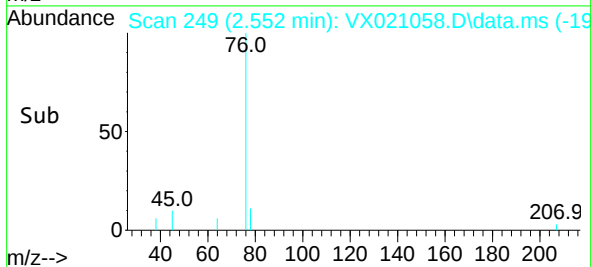
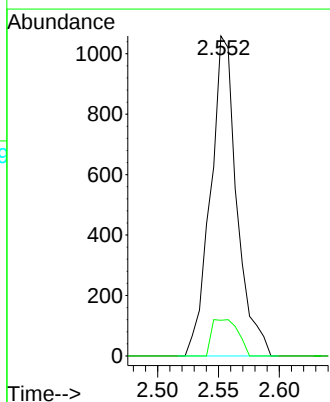
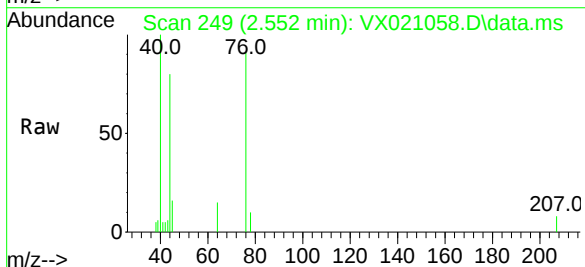
Instrument :
MSVOA_X
ClientSampleId :
GWBR3-187-200-030521-FD

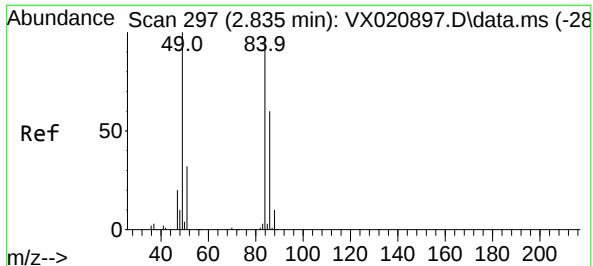
Tgt Ion: 43 Resp: 3225
Ion Ratio Lower Upper
43 100
58 34.2 27.8 41.8



#17
Carbon Disulfide
Concen: 0.24 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.006 min
Lab File: VX021058.D
Acq: 08 Mar 2021 14:17

Tgt Ion: 76 Resp: 1593
Ion Ratio Lower Upper
76 100
78 11.1 7.2 10.8#





#20

Methylene Chloride

Concen: 1.15 ug/l

RT: 2.834 min Scan# 297

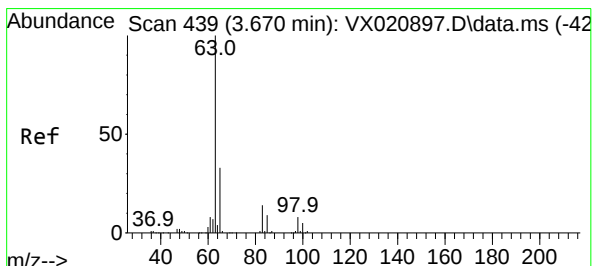
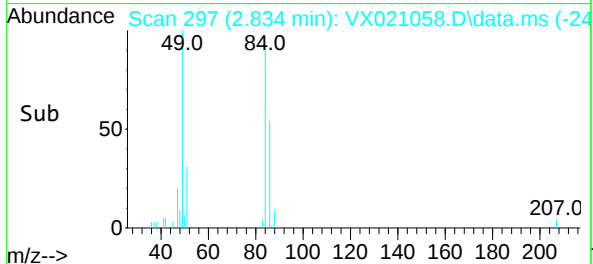
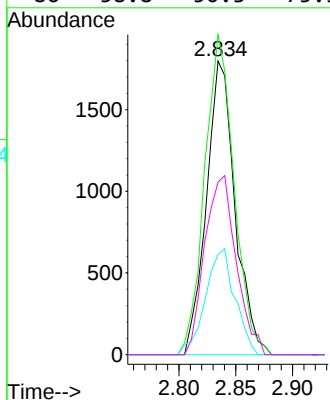
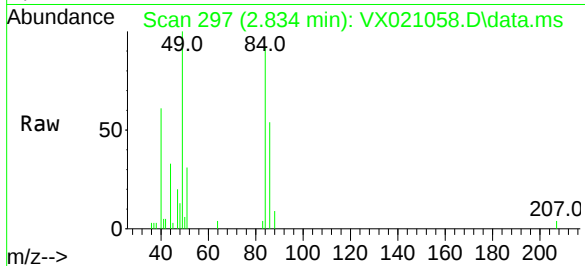
Delta R.T. -0.000 min

Lab File: VX021058.D

Acq: 08 Mar 2021 14:17

Tgt Ion: 84 Resp: 3157

Ion	Ratio	Lower	Upper
84	100		
49	109.0	88.6	132.8
51	34.1	27.0	40.6
86	58.8	50.3	75.5



#24

1,1-Dichloroethane

Concen: 0.86 ug/l

RT: 3.664 min Scan# 438

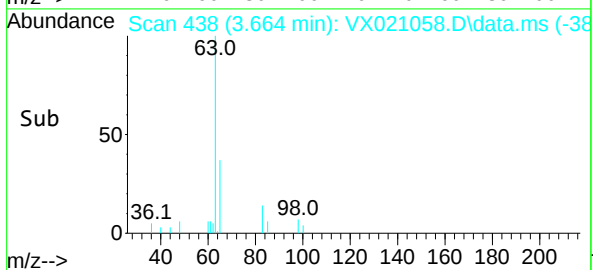
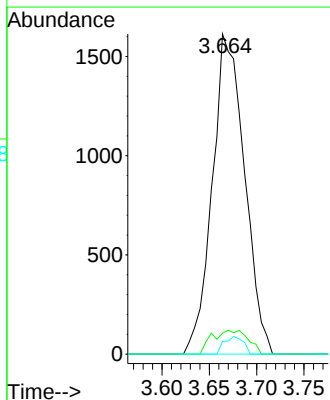
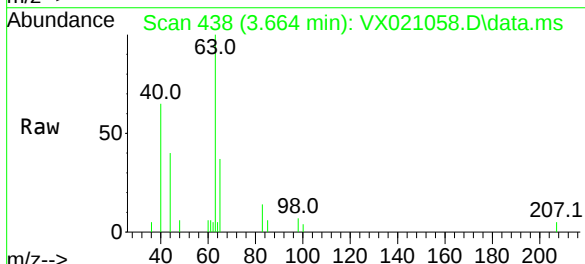
Delta R.T. -0.006 min

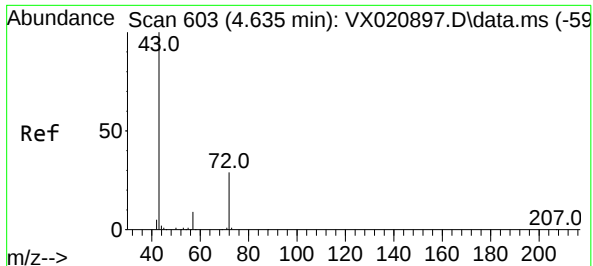
Lab File: VX021058.D

Acq: 08 Mar 2021 14:17

Tgt Ion: 63 Resp: 3811

Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.8	11.2
100	3.9	2.5	7.5

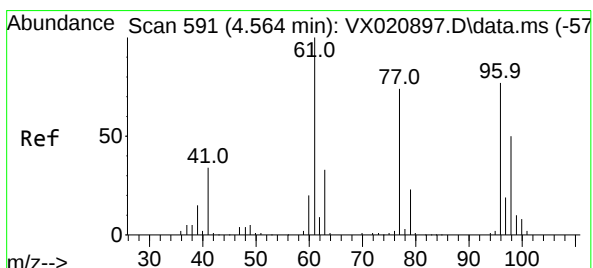
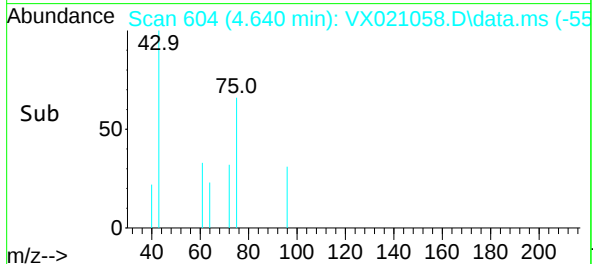
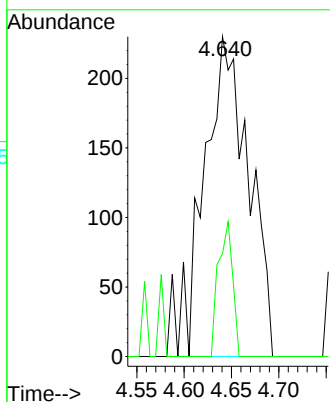
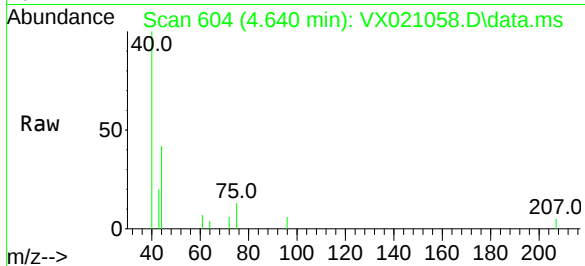




#25
2-Butanone
Concen: 0.43 ug/l
RT: 4.640 min Scan# 604
Delta R.T. 0.006 min
Lab File: VX021058.D
Acq: 08 Mar 2021 14:17

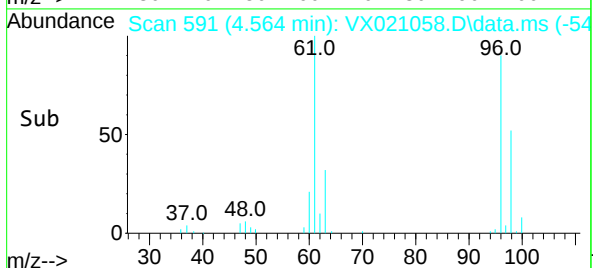
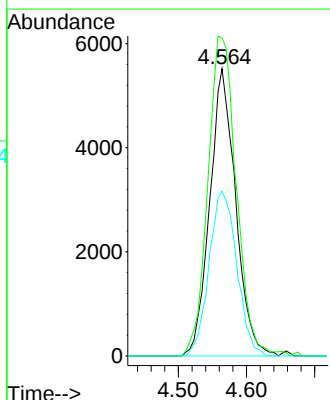
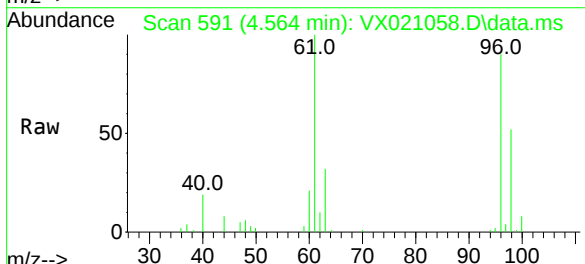
Instrument :
MSVOA_X
ClientSampleId :
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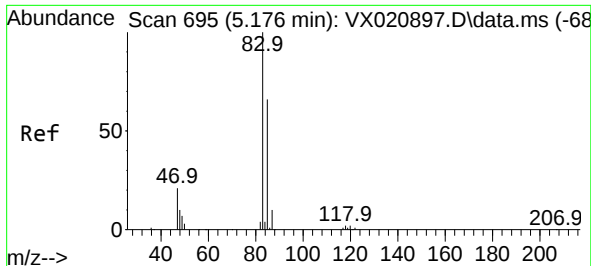
Tgt Ion: 43 Resp: 747
Ion Ratio Lower Upper
43 100
72 32.2 23.7 35.5



#27
cis-1,2-Dichloroethene
Concen: 4.91 ug/l
RT: 4.564 min Scan# 591
Delta R.T. -0.000 min
Lab File: VX021058.D
Acq: 08 Mar 2021 14:17

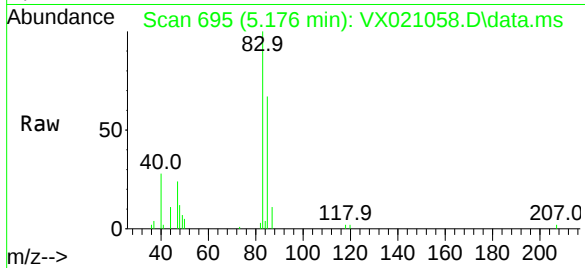
Tgt Ion: 96 Resp: 14601
Ion Ratio Lower Upper
96 100
61 122.0 0.0 285.6
98 61.3 0.0 129.6



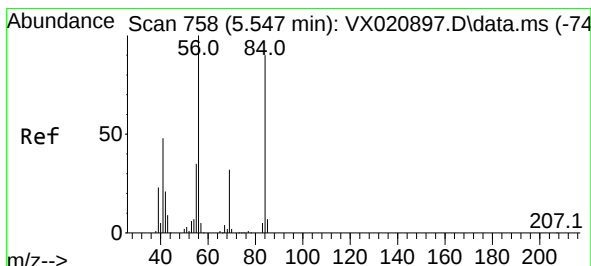
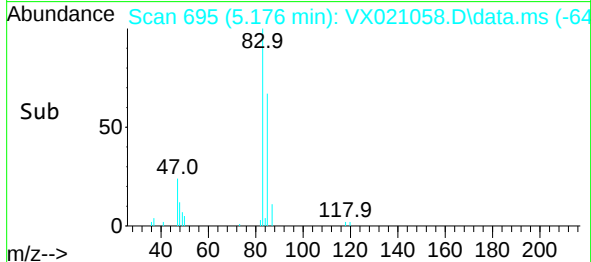
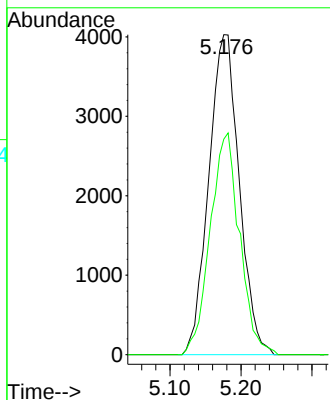


#30
Chloroform
Concen: 2.68 ug/l
RT: 5.176 min Scan# 695
Delta R.T. -0.000 min
Lab File: VX021058.D
Acq: 08 Mar 2021 14:17

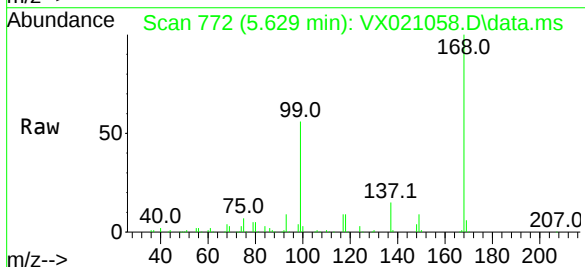
Instrument :
MSVOA_X
ClientSampleId :
GWBR3-187-200-030521-FD



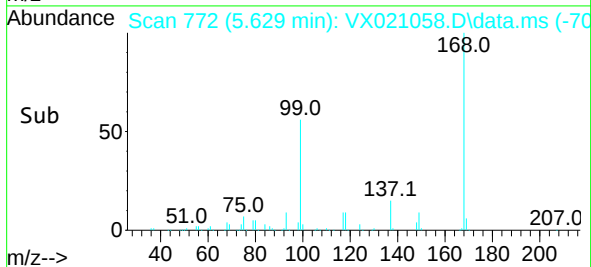
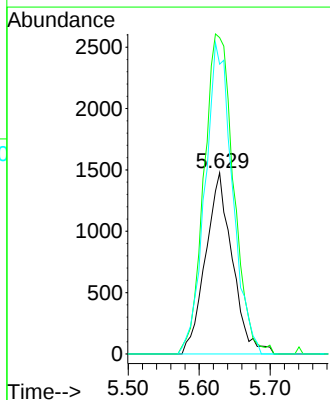
Tgt Ion: 83 Resp: 12006
Ion Ratio Lower Upper
83 100
85 67.4 52.0 78.0

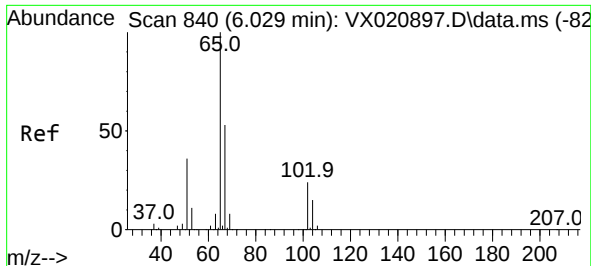


#31
Cyclohexane
Concen: 0.97 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021058.D
Acq: 08 Mar 2021 14:17



Tgt Ion: 56 Resp: 3873
Ion Ratio Lower Upper
56 100
69 174.7 25.3 37.9#
84 160.0 71.4 107.0#

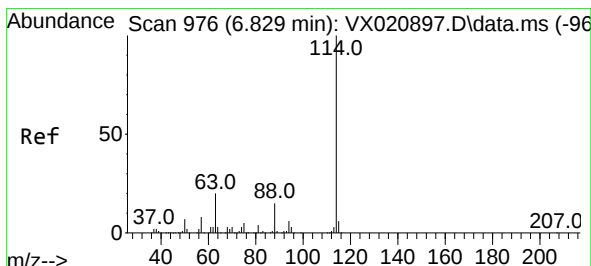
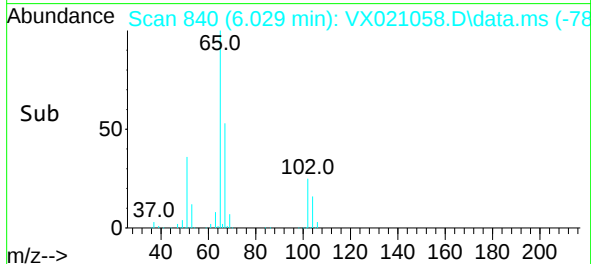
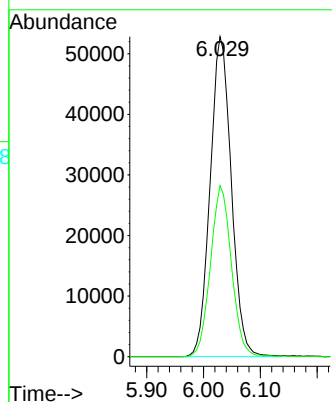
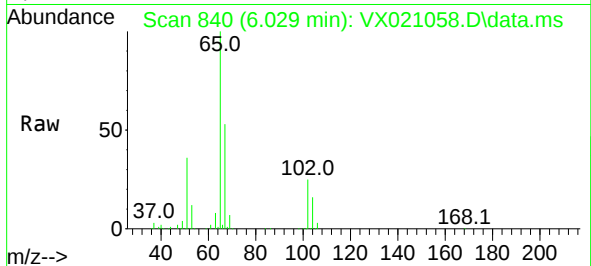




#33
1,2-Dichloroethane-d4
Concen: 49.32 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021058.D
Acq: 08 Mar 2021 14:17

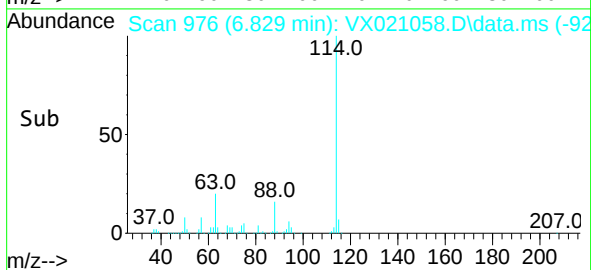
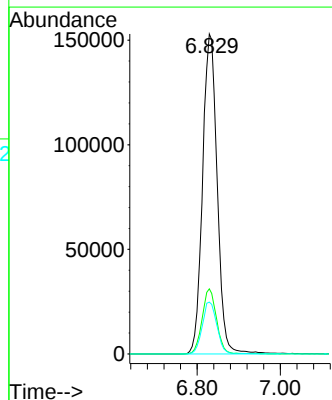
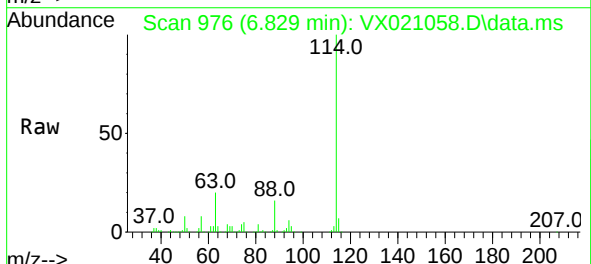
Instrument :
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GWBR3-187-200-030521-FD

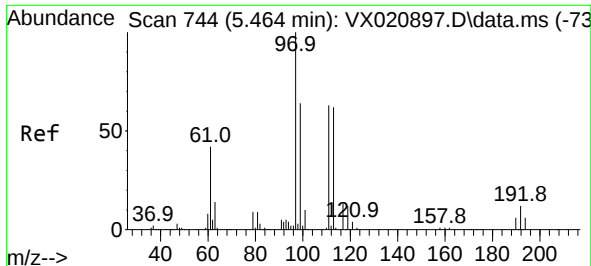
Tgt Ion: 65 Resp: 136702
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021058.D
Acq: 08 Mar 2021 14:17

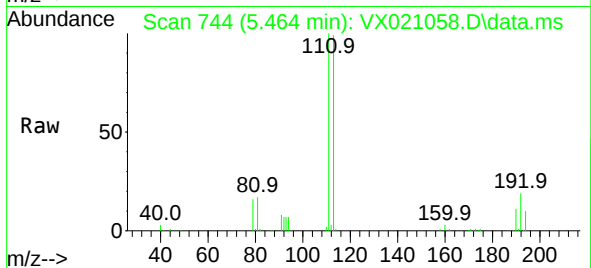
Tgt Ion: 114 Resp: 373919
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 16.2 0.0 32.8



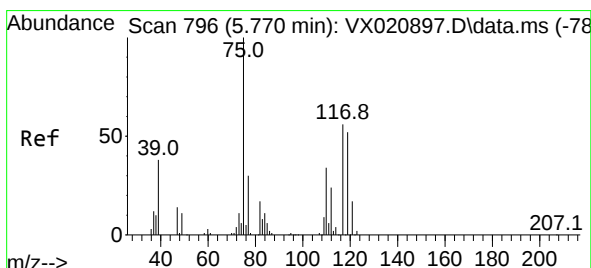
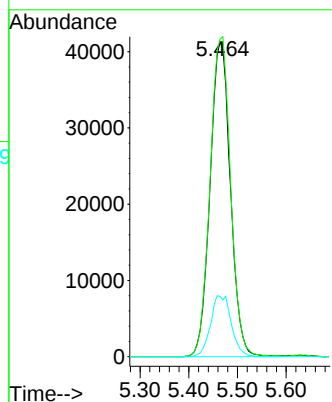
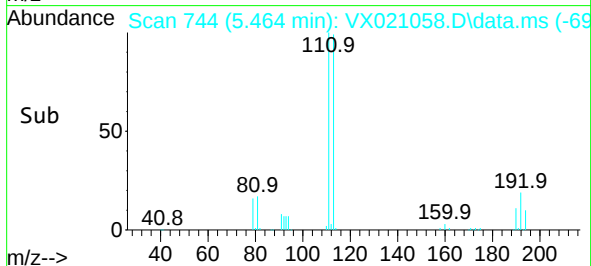


#35
Dibromofluoromethane
Concen: 52.60 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021058.D
Acq: 08 Mar 2021 14:17

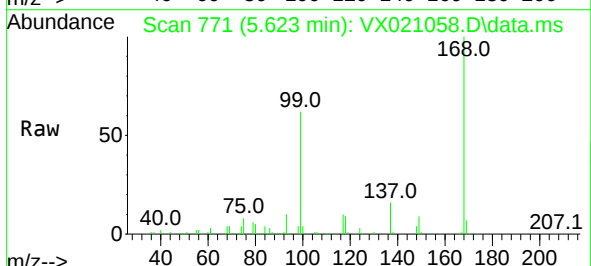
Instrument :
MSVOA_X
ClientSampleId :
GWBR3-187-200-030521-FD



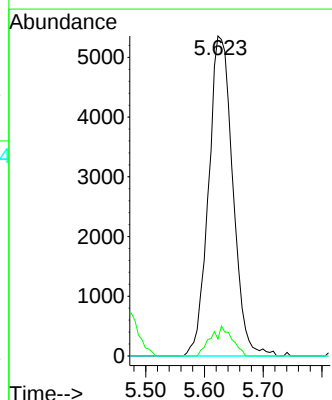
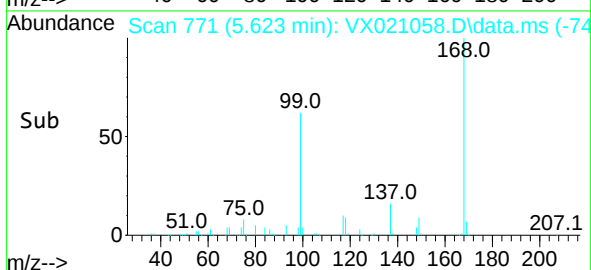
Tgt Ion:113 Resp: 119496
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 19.8 16.7 25.1

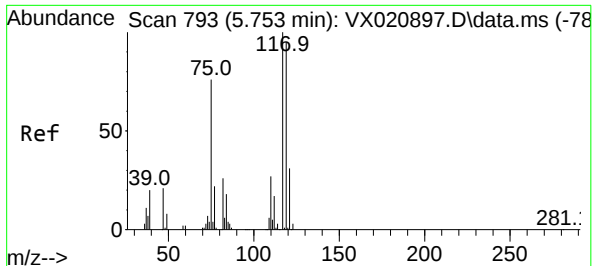


#36
1,1-Dichloropropene
Concen: 4.32 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX021058.D
Acq: 08 Mar 2021 14:17



Tgt Ion: 75 Resp: 15345
Ion Ratio Lower Upper
75 100
110 8.1 18.1 54.4#
77 0.0 25.3 37.9#

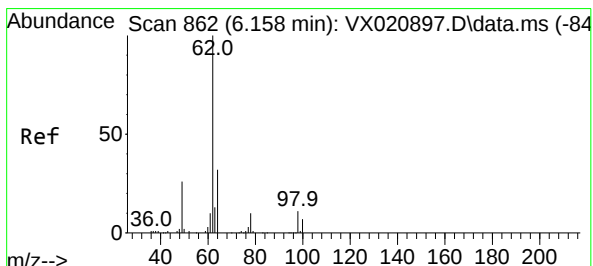
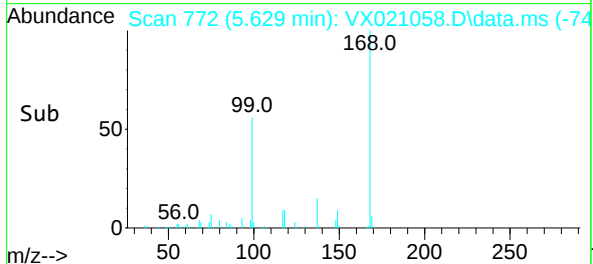
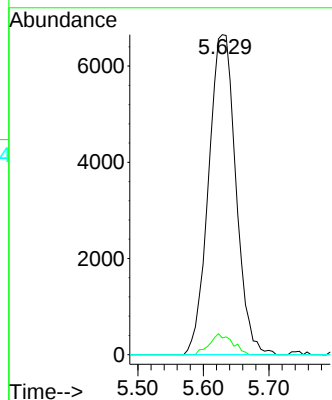
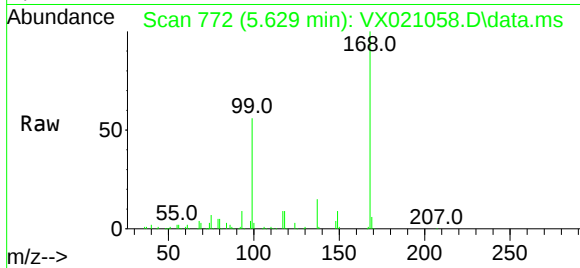




#38
Carbon Tetrachloride
Concen: 5.59 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX021058.D
Acq: 08 Mar 2021 14:17

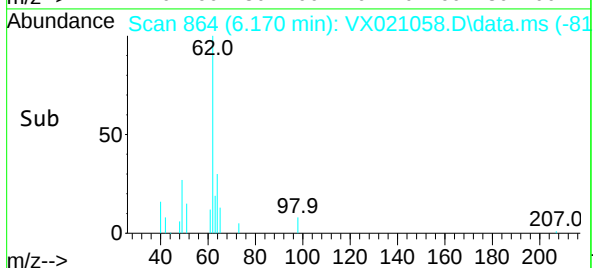
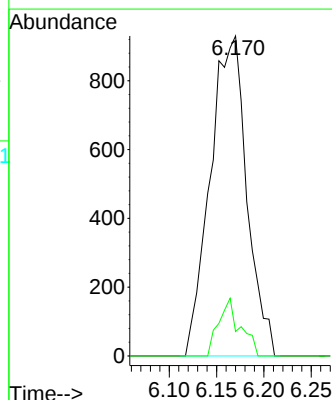
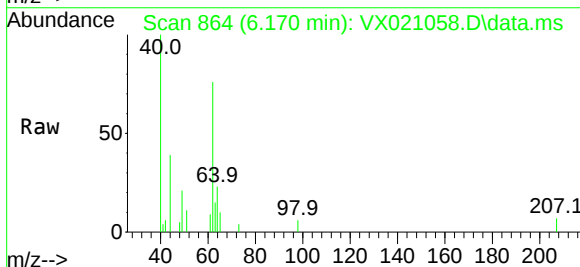
Instrument :
MSVOA_X
ClientSampleId :
GWBR3-187-200-030521-FD

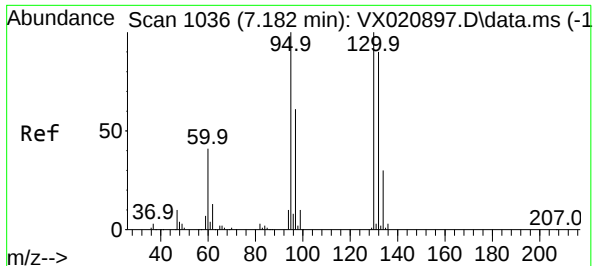
Tgt Ion:117 Resp: 19239
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#



#42
1,2-Dichloroethane
Concen: 0.71 ug/l
RT: 6.170 min Scan# 864
Delta R.T. 0.012 min
Lab File: VX021058.D
Acq: 08 Mar 2021 14:17

Tgt Ion: 62 Resp: 2503
Ion Ratio Lower Upper
62 100
98 10.6 0.0 20.2

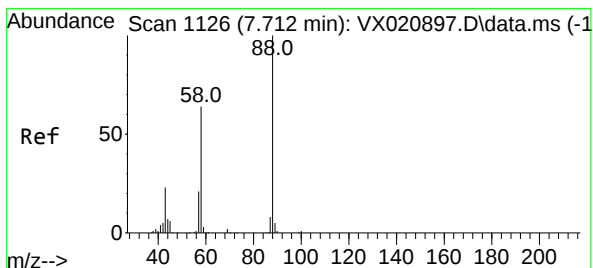
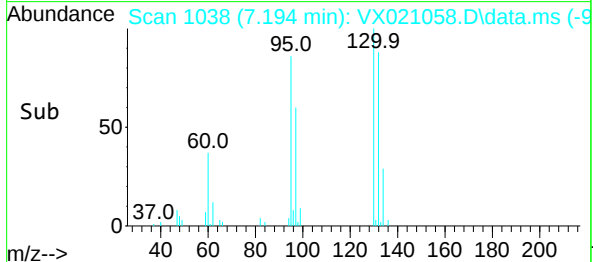
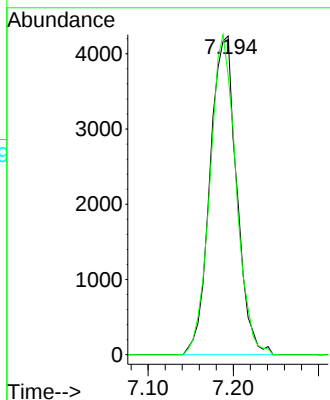
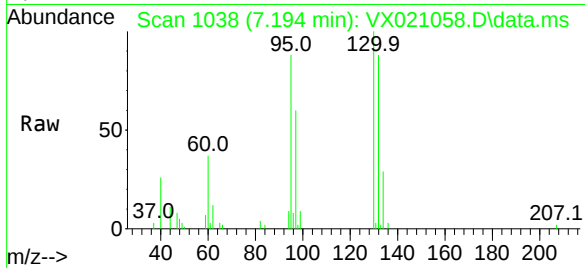




#44
Trichloroethene
Concen: 3.28 ug/l
RT: 7.194 min Scan# 1038
Delta R.T. 0.012 min
Lab File: VX021058.D
Acq: 08 Mar 2021 14:17

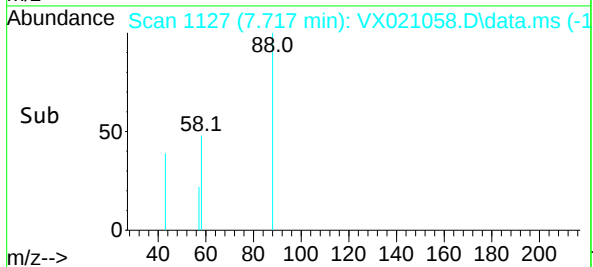
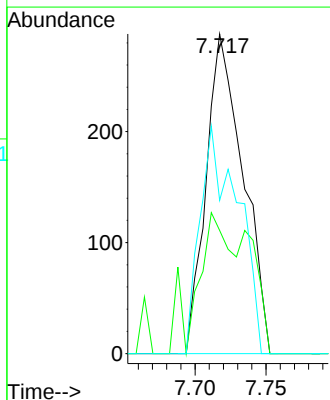
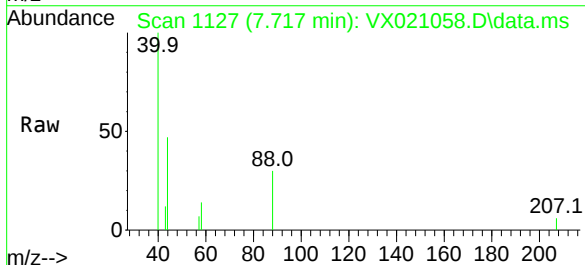
Instrument :
MSVOA_X
ClientSampleId :
GWBR3-187-200-030521-FD

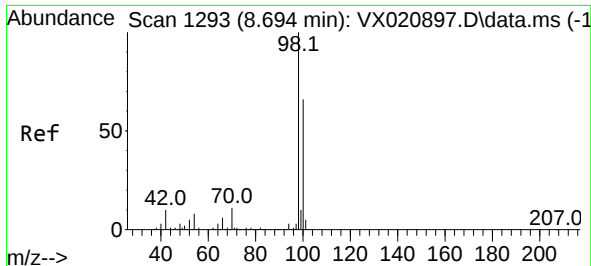
Tgt Ion:130 Resp: 9200
Ion Ratio Lower Upper
130 100
95 87.7 0.0 198.0



#49
1,4-Dioxane
Concen: 7.75 ug/l
RT: 7.717 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VX021058.D
Acq: 08 Mar 2021 14:17

Tgt Ion: 88 Resp: 522
Ion Ratio Lower Upper
88 100
43 37.2 23.2 34.8#
58 73.2 55.0 82.4

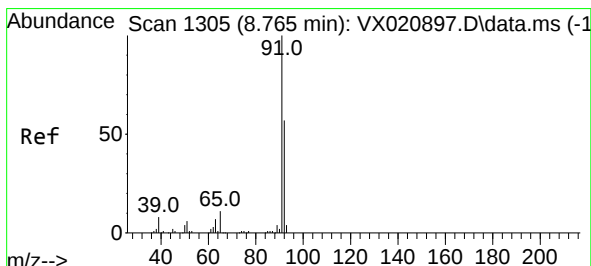
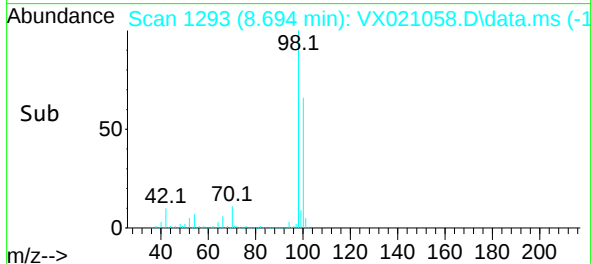
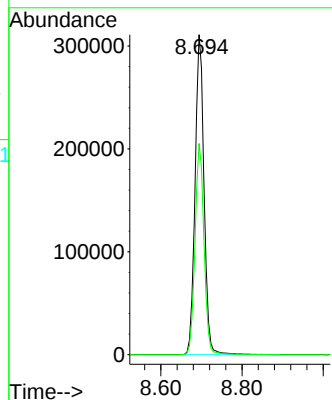
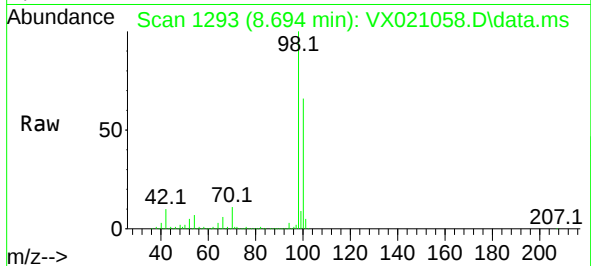




#50
Toluene-d8
Concen: 54.08 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021058.D
Acq: 08 Mar 2021 14:17

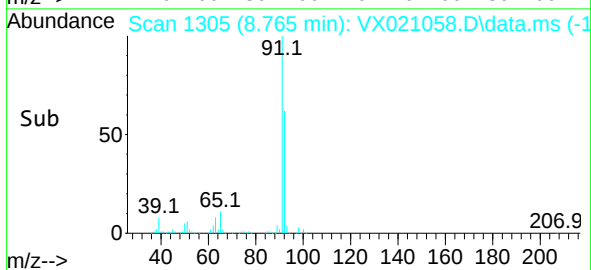
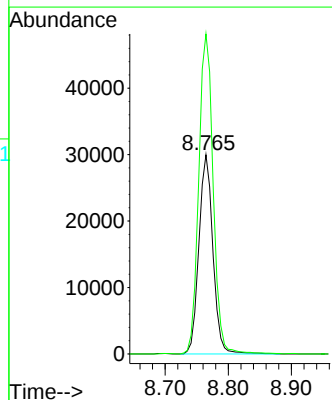
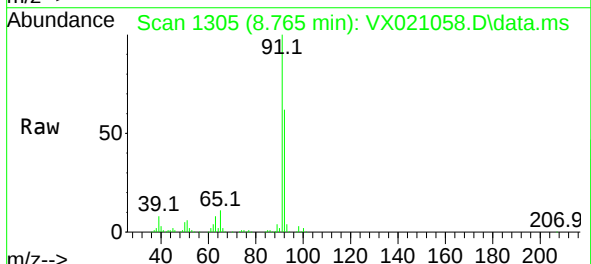
Instrument :
MSVOA_X
ClientSampleId :
GWBR3-187-200-030521-FD

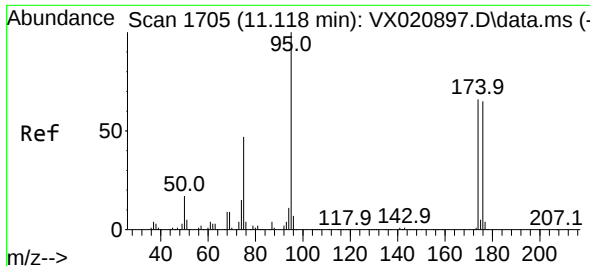
Tgt Ion: 98 Resp: 479084
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9



#52
Toluene
Concen: 6.98 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021058.D
Acq: 08 Mar 2021 14:17

Tgt Ion: 92 Resp: 46278
Ion Ratio Lower Upper
92 100
91 165.6 137.1 205.7

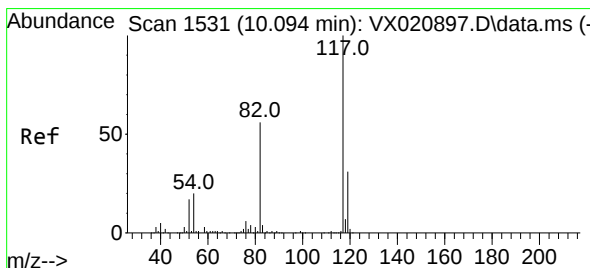
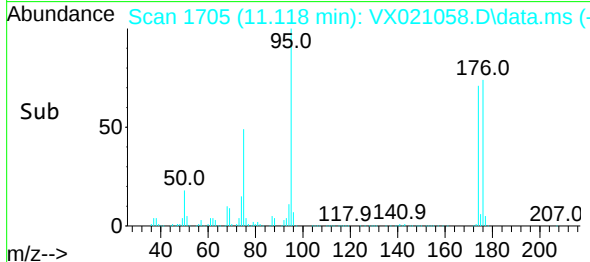
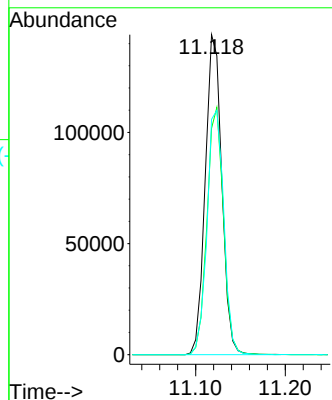
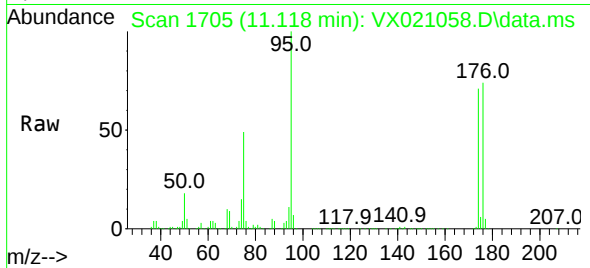




#62
4-Bromofluorobenzene
Concen: 56.14 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021058.D
Acq: 08 Mar 2021 14:17

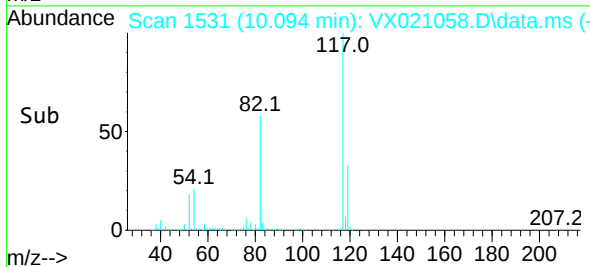
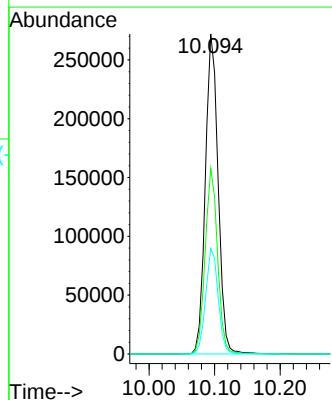
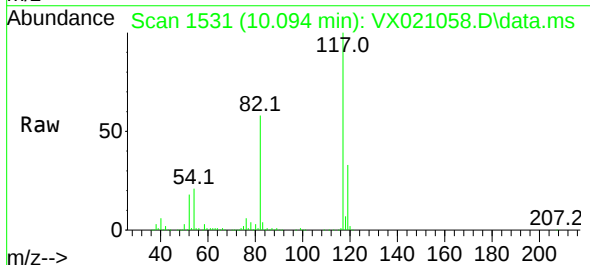
Instrument :
MSVOA_X
ClientSampleId :
GWBR3-187-200-030521-FD

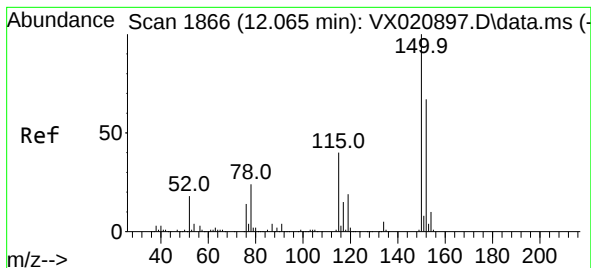
Tgt Ion: 95 Resp: 183880
Ion Ratio Lower Upper
95 100
174 77.0 0.0 154.6
176 77.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021058.D
Acq: 08 Mar 2021 14:17

Tgt Ion: 117 Resp: 369327
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 33.1 26.6 39.8

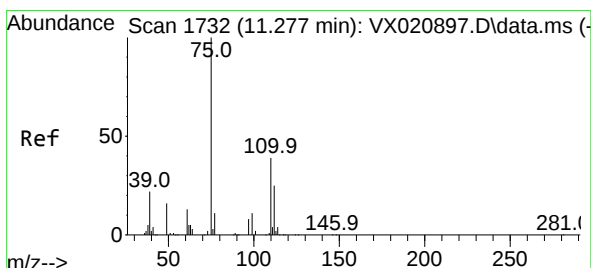
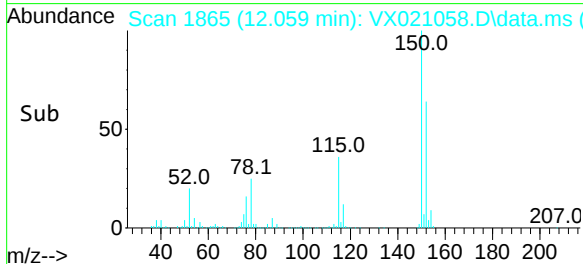
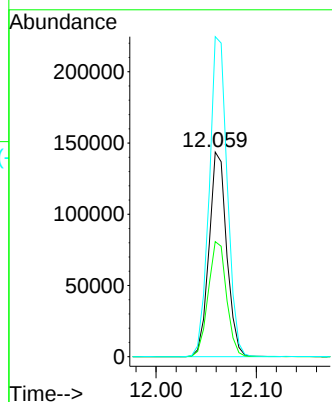
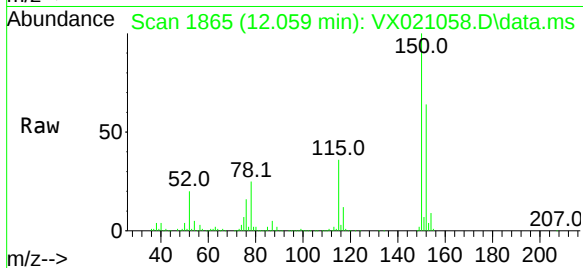




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021058.D
Acq: 08 Mar 2021 14:17

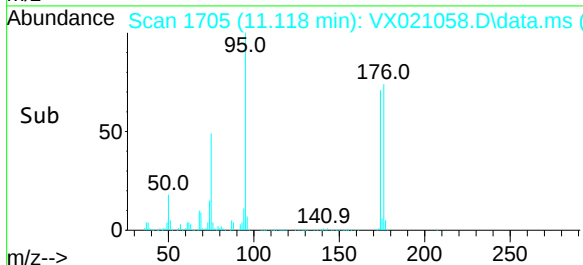
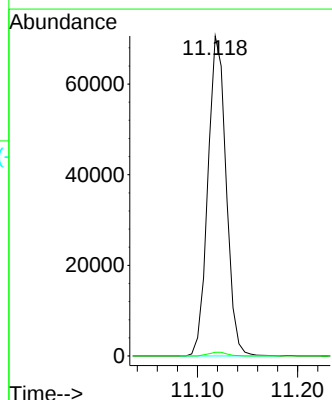
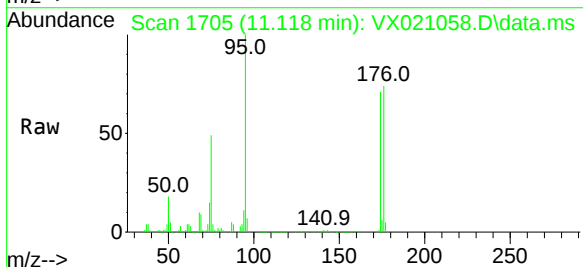
Instrument :
MSVOA_X
ClientSampleId :
GWBR3-187-200-030521-FD

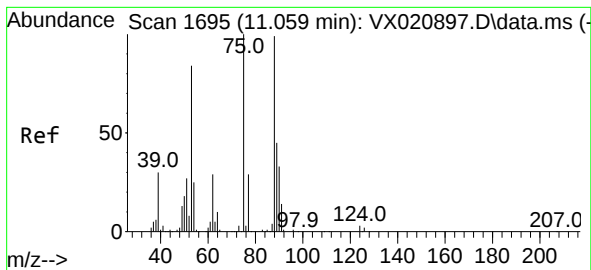
Tgt Ion:152 Resp: 175580
Ion Ratio Lower Upper
152 100
115 58.2 41.1 123.3
150 159.8 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 23.59 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021058.D
Acq: 08 Mar 2021 14:17

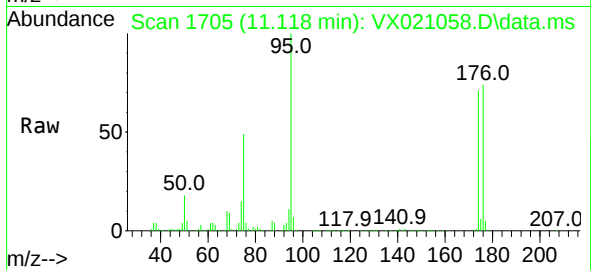
Tgt Ion: 75 Resp: 89091
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.22 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021058.D
 Acq: 08 Mar 2021 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 GWBR3-187-200-030521-FD



Tgt Ion:	75	Resp:	89091
Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.5	111.7#
89	0.0	37.9	56.9#

