

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030721\
 Data File : VX021028.D
 Acq On : 05 Mar 2021 12:57
 Operator : JC/MD
 Sample : M1574-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWBR3-150-160-030421

Quant Time: Mar 05 23:57:10 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

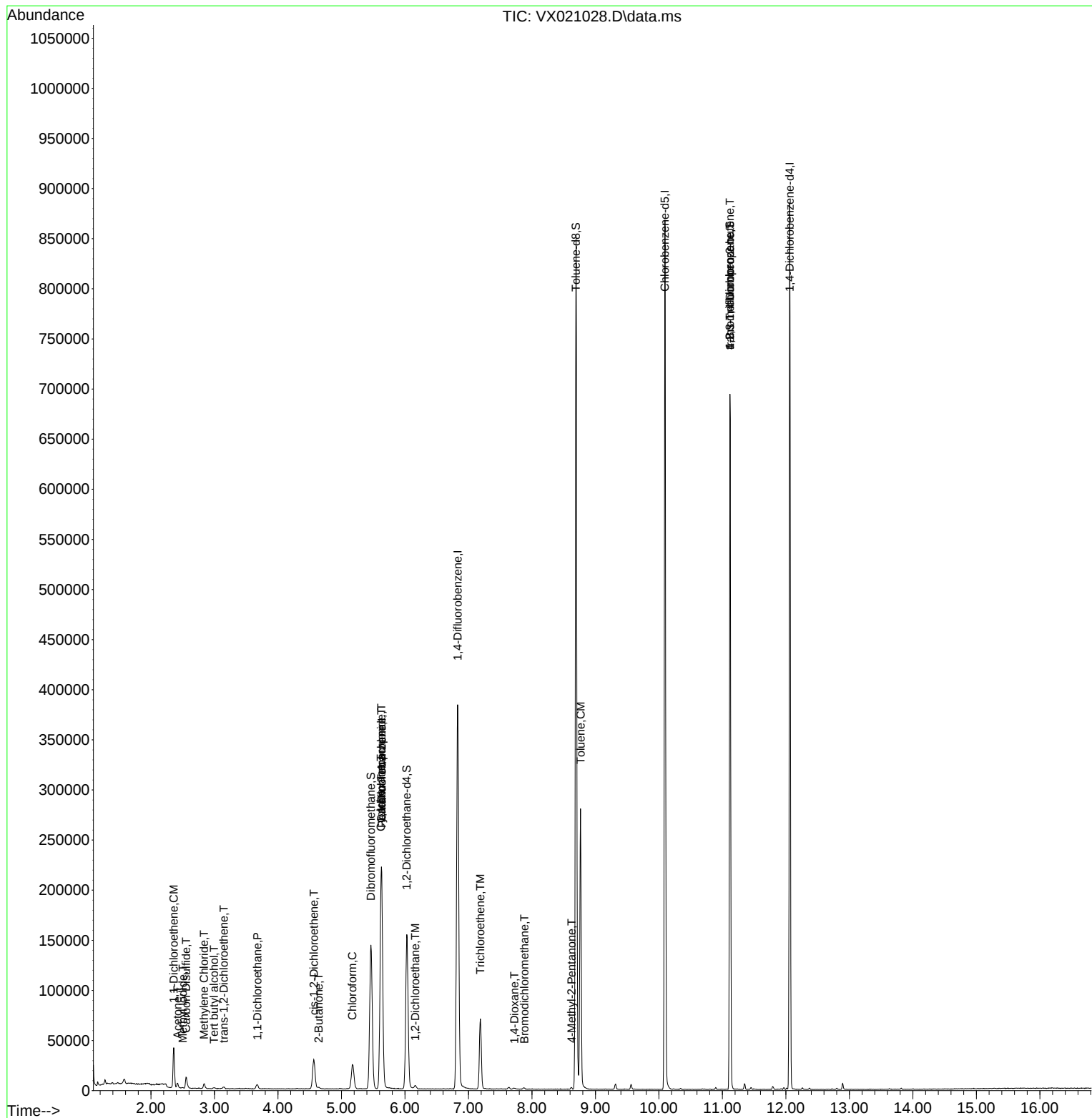
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.635	168	221668	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.829	114	416801	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	413128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	184561	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	146071	48.79	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.58%
35) Dibromofluoromethane	5.464	113	128397	50.70	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.40%
50) Toluene-d8	8.694	98	518946	52.56	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.12%
62) 4-Bromofluorobenzene	11.118	95	199783	54.72	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	109.44%
Target Compounds						
					Qvalue	
5) Bromomethane	1.640	94	577	Below Cal		92
10) Methyl Iodide	2.499	142	938	0.29 ug/l #		89
11) Tert butyl alcohol	2.993	59	710	1.06 ug/l #		73
12) 1,1-Dichloroethene	2.358	96	13944	5.62 ug/l		99
16) Acetone	2.417	43	5086	4.12 ug/l		100
17) Carbon Disulfide	2.552	76	13409	1.90 ug/l		99
20) Methylene Chloride	2.834	84	2150	0.73 ug/l		93
21) trans-1,2-Dichloroethene	3.146	96	769	0.28 ug/l #		77
24) 1,1-Dichloroethane	3.676	63	5149	1.07 ug/l		99
25) 2-Butanone	4.640	43	1257	0.67 ug/l		92
27) cis-1,2-Dichloroethene	4.564	96	19758	6.15 ug/l		89
30) Chloroform	5.170	83	29605	6.12 ug/l		99
31) Cyclohexane	5.623	56	4295	0.99 ug/l #		1
36) 1,1-Dichloropropene	5.629	75	16731	4.22 ug/l #		48
38) Carbon Tetrachloride	5.629	117	20930	5.45 ug/l #		16
42) 1,2-Dichloroethane	6.164	62	3364	0.85 ug/l		98
44) Trichloroethene	7.188	130	28454	9.11 ug/l		97
47) Bromodichloromethane	7.882	83	950	0.23 ug/l #		82
49) 1,4-Dioxane	7.723	88	703	9.36 ug/l #		90
51) 4-Methyl-2-Pentanone	8.623	43	1120	0.30 ug/l		87
52) Toluene	8.765	92	107885	14.59 ug/l		99
76) 1,2,3-Trichloropropane	11.118	75	94229	23.73 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	94229	52.54 ug/l #		12

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

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MSVOA_X
ClientSampleId :
GWBR3-150-160-030421

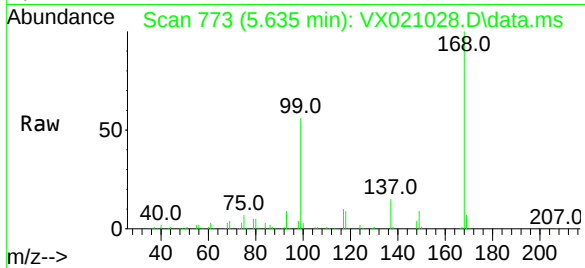
Quant Time: Mar 05 23:57:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 24 13:50:55 2021
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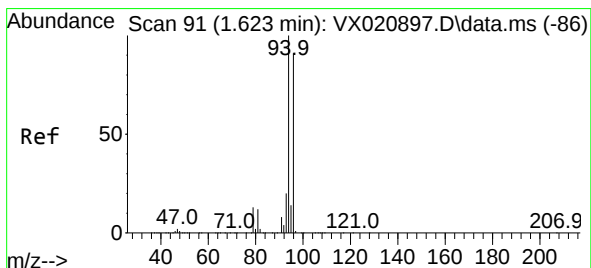
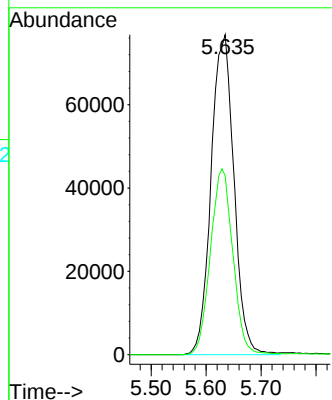
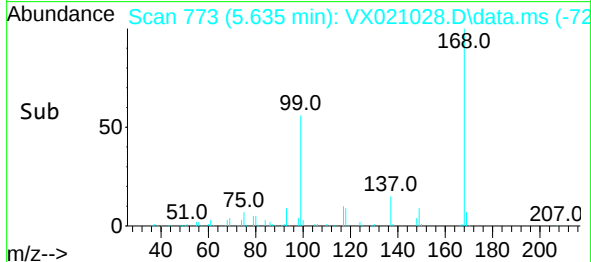


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.012 min
Lab File: VX021028.D
Acq: 05 Mar 2021 12:57

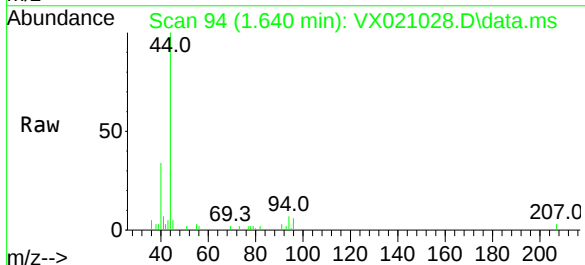
Instrument :
MSVOA_X
ClientSampleId :
GWBR3-150-160-030421



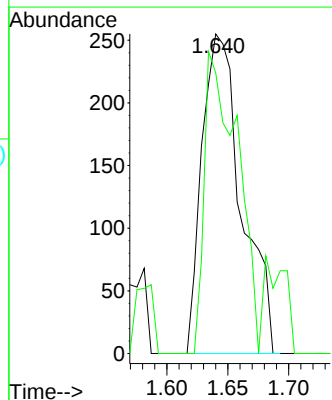
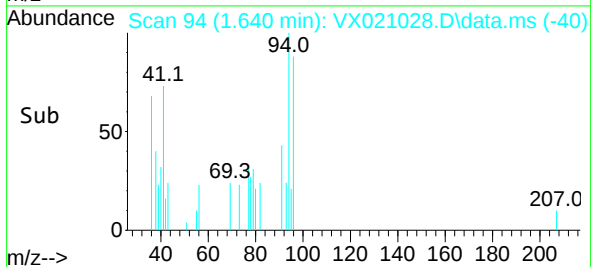
Tgt Ion:168 Resp: 221668
Ion Ratio Lower Upper
168 100
99 55.9 45.8 68.6

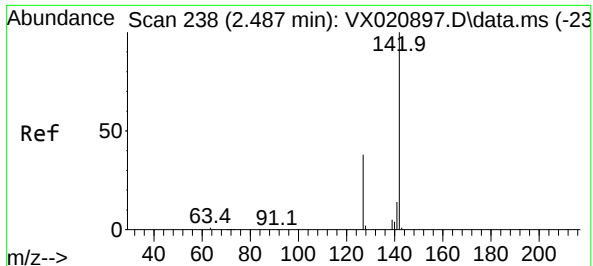


#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021028.D
Acq: 05 Mar 2021 12:57



Tgt Ion: 94 Resp: 577
Ion Ratio Lower Upper
94 100
96 87.8 76.4 114.6





#10

Methyl Iodide

Concen: 0.29 ug/l

RT: 2.499 min Scan# 240

Delta R.T. 0.012 min

Lab File: VX021028.D

Acq: 05 Mar 2021 12:57

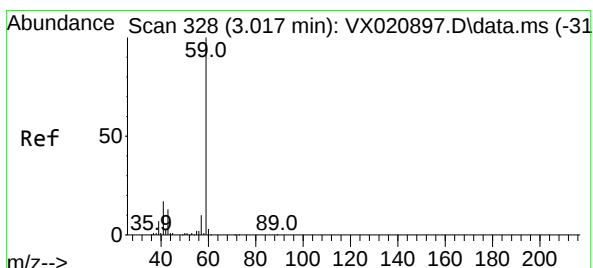
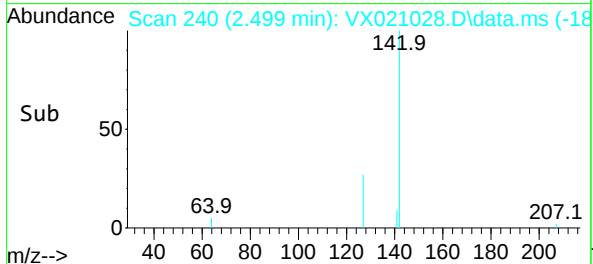
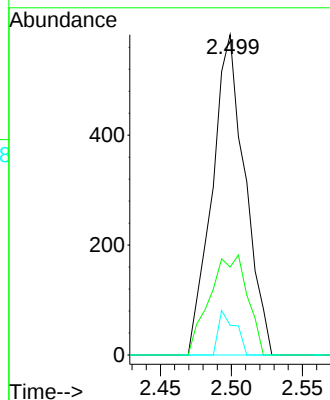
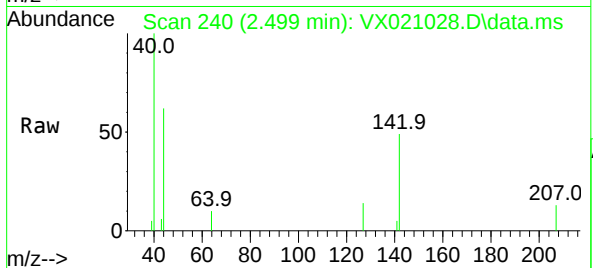
Instrument :

MSVOA_X

ClientSampleId :

GWBR3-150-160-030421

Tgt Ion:	142	Resp:	938
Ion	Ratio	Lower	Upper
142	100		
127	35.8	33.3	49.9
141	7.0	11.4	17.0#



#11

Tert butyl alcohol

Concen: 1.06 ug/l

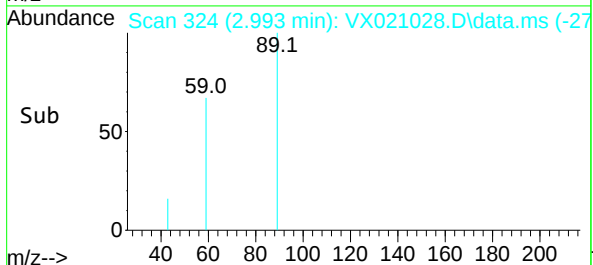
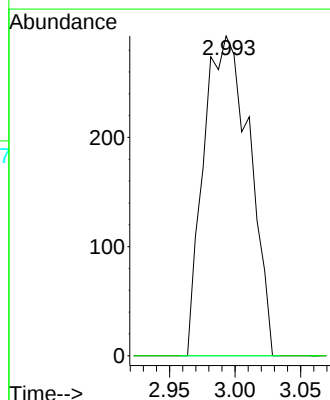
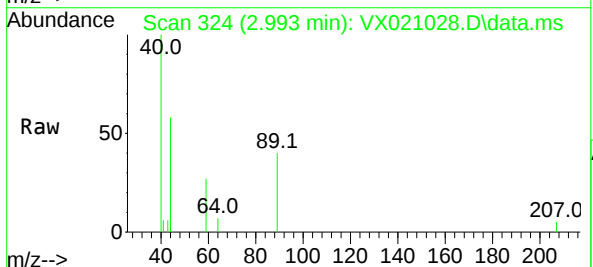
RT: 2.993 min Scan# 324

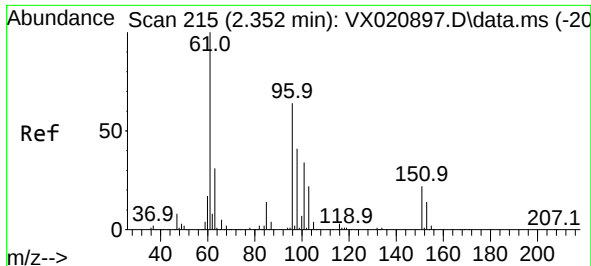
Delta R.T. -0.024 min

Lab File: VX021028.D

Acq: 05 Mar 2021 12:57

Tgt Ion:	59	Resp:	710
Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

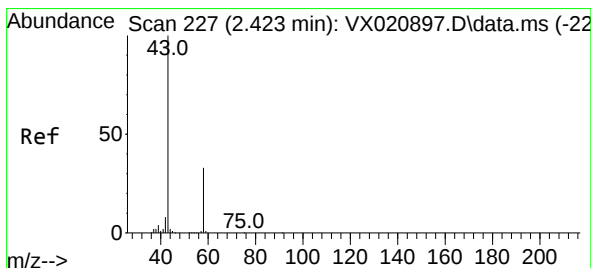
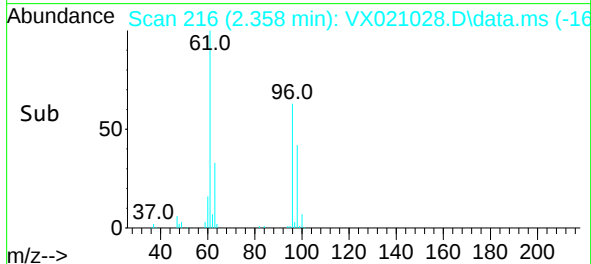
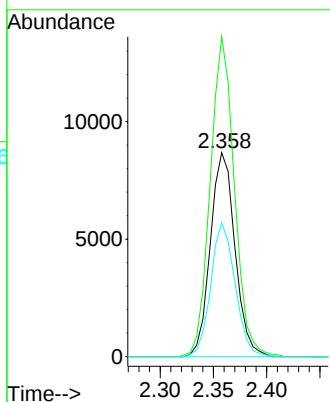
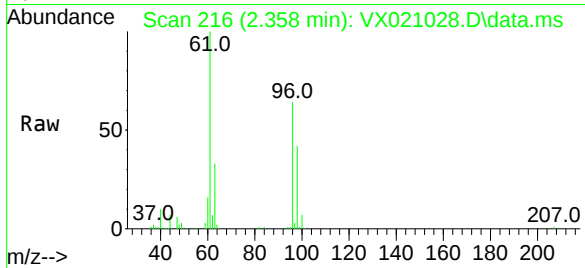




#12
1,1-Dichloroethene
Concen: 5.62 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX021028.D
Acq: 05 Mar 2021 12:57

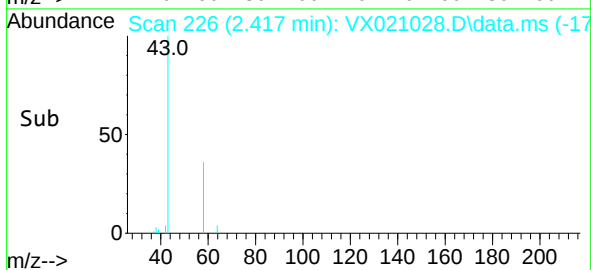
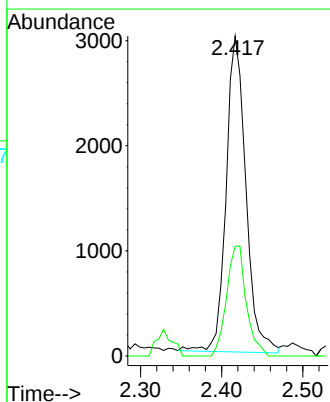
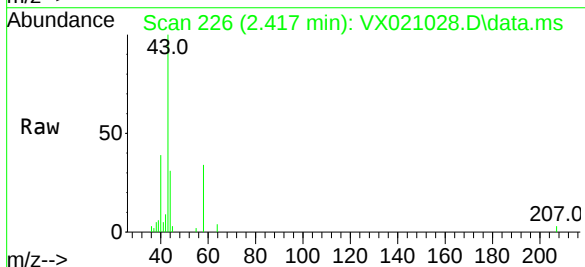
Instrument :
MSVOA_X
ClientSampleId :
GWBR3-150-160-030421

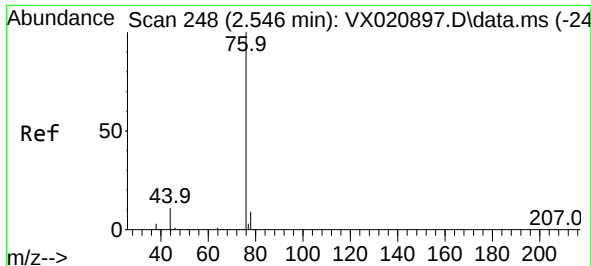
Tgt Ion: 96 Resp: 13944
Ion Ratio Lower Upper
96 100
61 156.8 124.6 187.0
98 65.7 50.6 76.0



#16
Acetone
Concen: 4.12 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021028.D
Acq: 05 Mar 2021 12:57

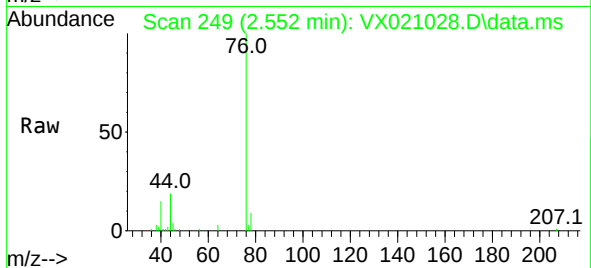
Tgt Ion: 43 Resp: 5086
Ion Ratio Lower Upper
43 100
58 34.8 27.8 41.8



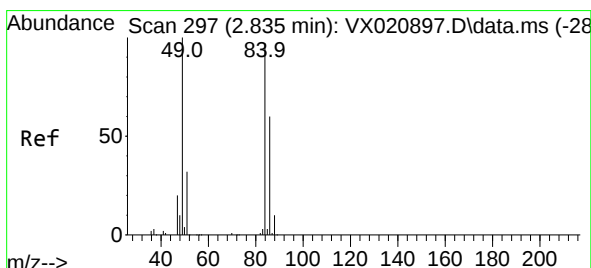
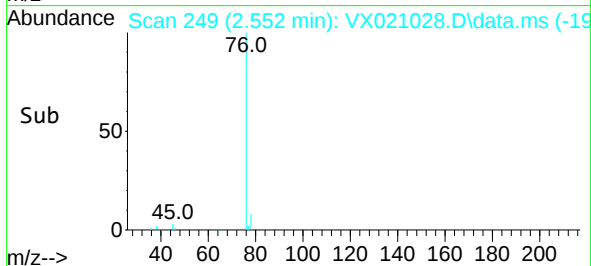
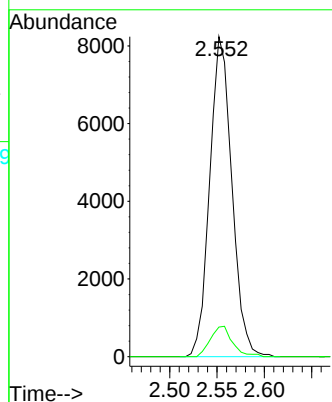


#17
Carbon Disulfide
Concen: 1.90 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.006 min
Lab File: VX021028.D
Acq: 05 Mar 2021 12:57

Instrument :
MSVOA_X
ClientSampleId :
GWBR3-150-160-030421

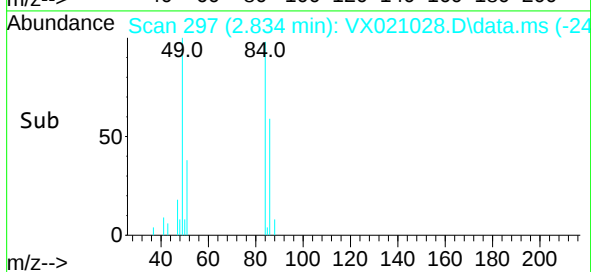
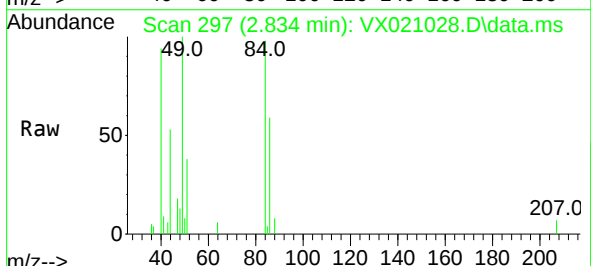
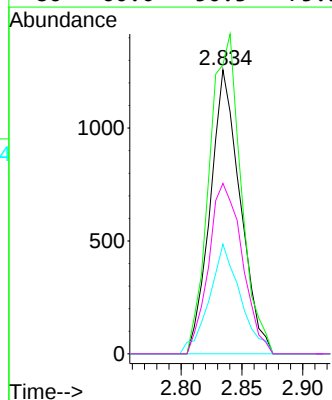


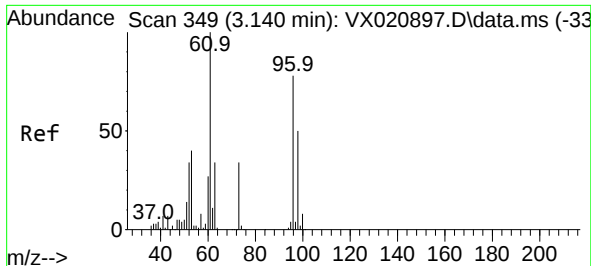
Tgt Ion: 76 Resp: 13409
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#20
Methylene Chloride
Concen: 0.73 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.000 min
Lab File: VX021028.D
Acq: 05 Mar 2021 12:57

Tgt Ion: 84 Resp: 2150
Ion Ratio Lower Upper
84 100
49 101.8 88.6 132.8
51 38.6 27.0 40.6
86 60.0 50.3 75.5

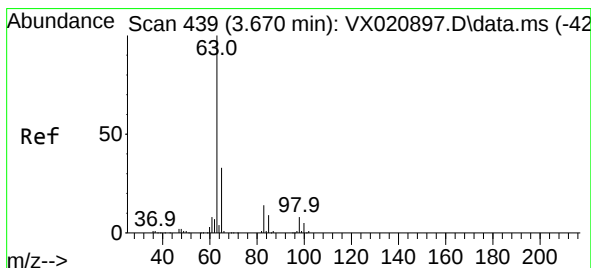
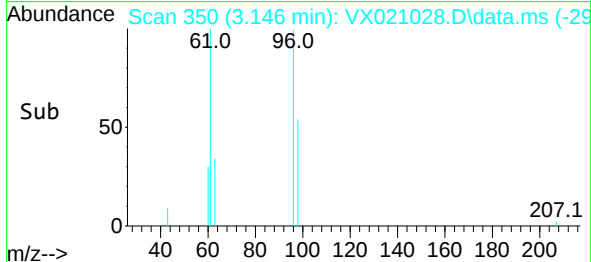
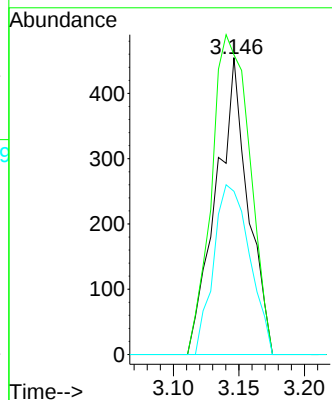
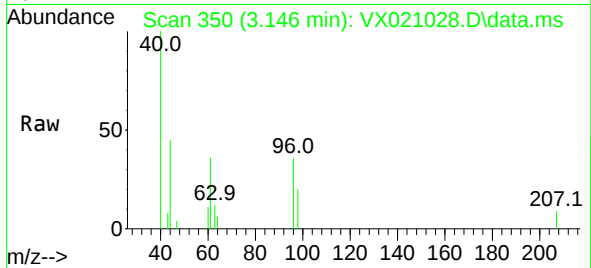




#21
trans-1,2-Dichloroethene
Concen: 0.28 ug/l
RT: 3.146 min Scan# 350
Delta R.T. 0.006 min
Lab File: VX021028.D
Acq: 05 Mar 2021 12:57

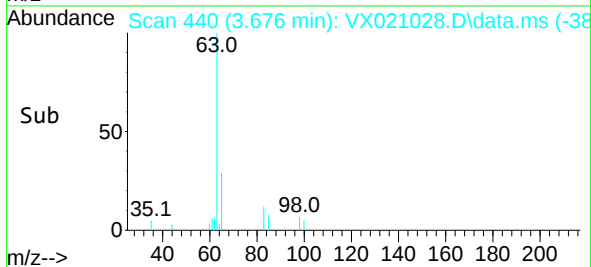
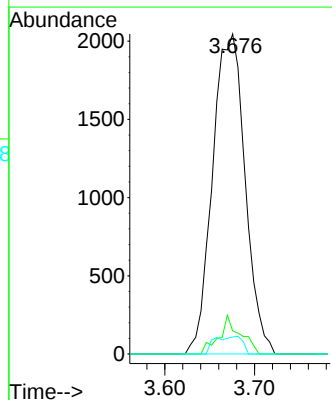
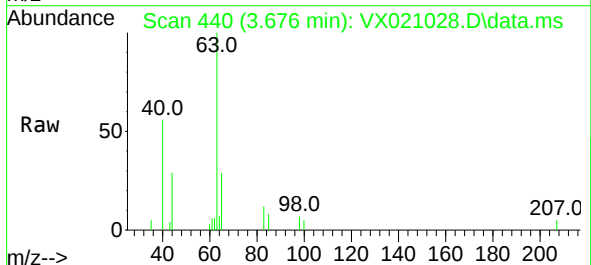
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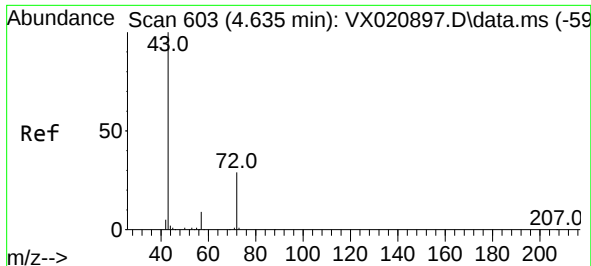
Tgt Ion: 96 Resp: 769
Ion Ratio Lower Upper
96 100
61 100.9 107.7 161.5#
98 54.9 50.4 75.6



#24
1,1-Dichloroethane
Concen: 1.07 ug/l
RT: 3.676 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX021028.D
Acq: 05 Mar 2021 12:57

Tgt Ion: 63 Resp: 5149
Ion Ratio Lower Upper
63 100
98 7.2 3.8 11.2
100 5.3 2.5 7.5

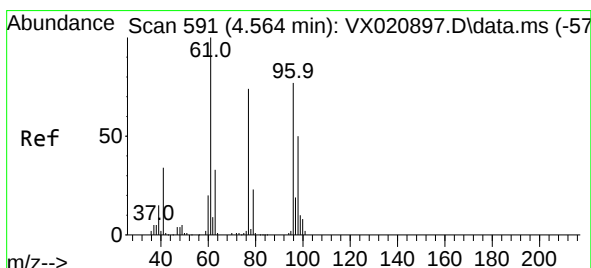
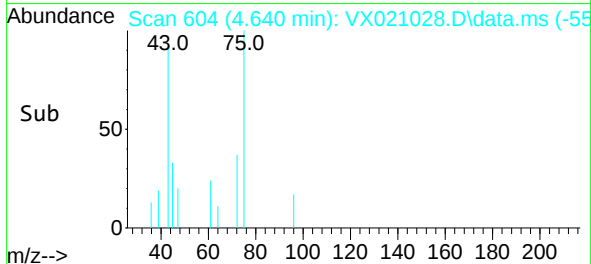
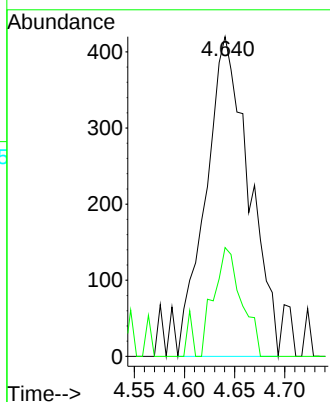
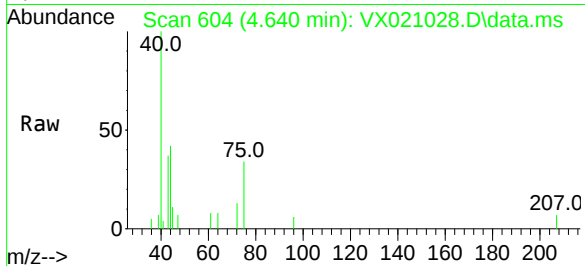




#25
2-Butanone
Concen: 0.67 ug/l
RT: 4.640 min Scan# 604
Delta R.T. 0.006 min
Lab File: VX021028.D
Acq: 05 Mar 2021 12:57

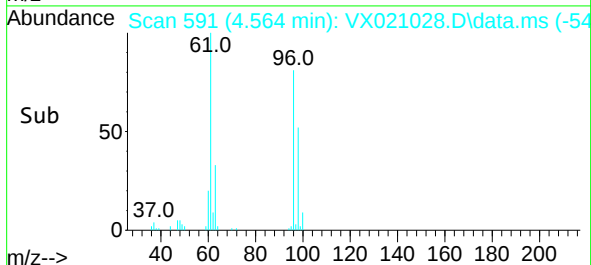
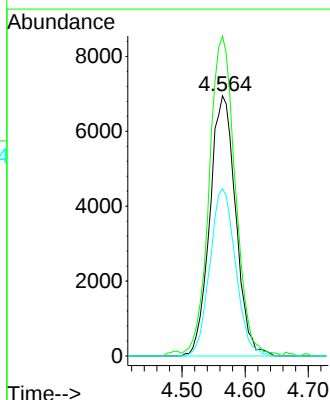
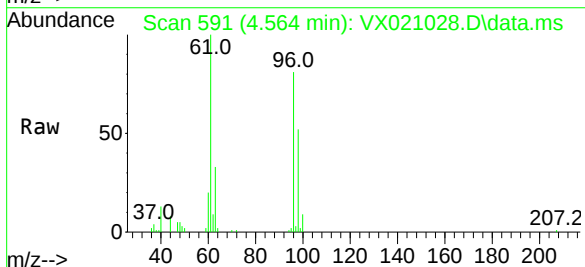
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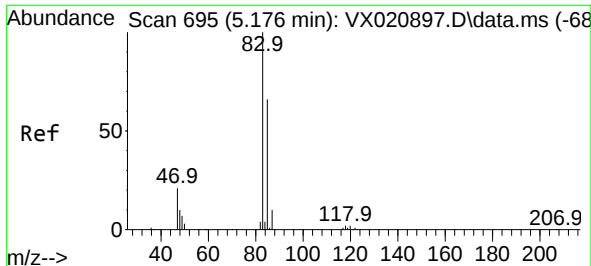
Tgt Ion: 43 Resp: 1257
Ion Ratio Lower Upper
43 100
72 34.0 23.7 35.5



#27
cis-1,2-Dichloroethene
Concen: 6.15 ug/l
RT: 4.564 min Scan# 591
Delta R.T. -0.000 min
Lab File: VX021028.D
Acq: 05 Mar 2021 12:57

Tgt Ion: 96 Resp: 19758
Ion Ratio Lower Upper
96 100
61 124.1 0.0 285.6
98 63.7 0.0 129.6

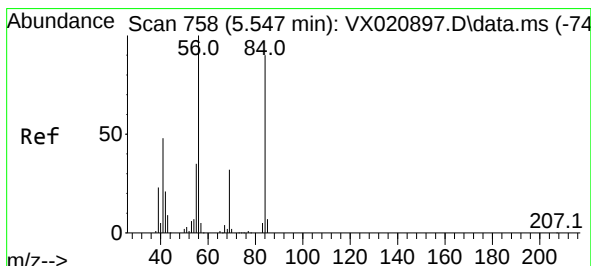
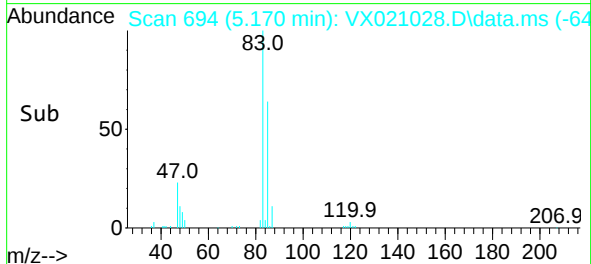
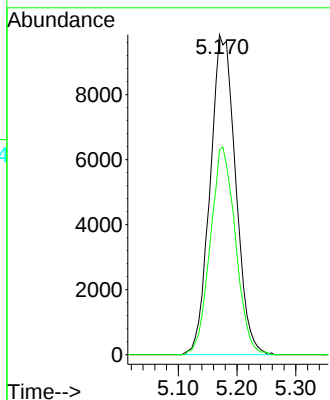
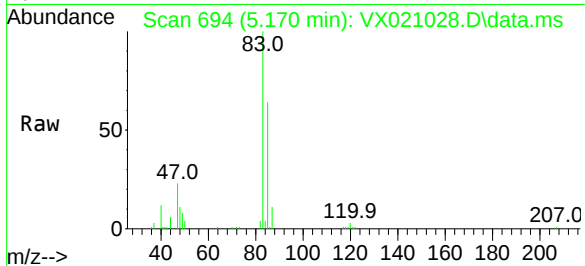




#30
Chloroform
Concen: 6.12 ug/l
RT: 5.170 min Scan# 694
Delta R.T. -0.006 min
Lab File: VX021028.D
Acq: 05 Mar 2021 12:57

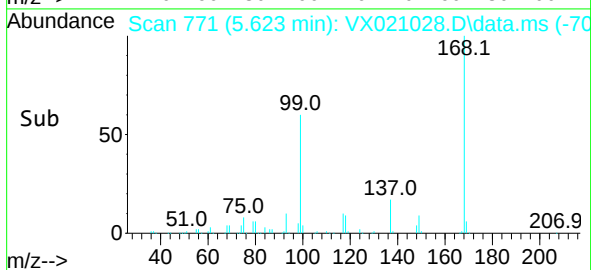
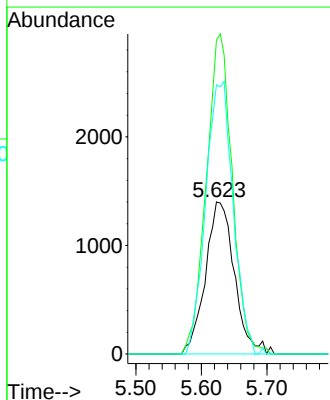
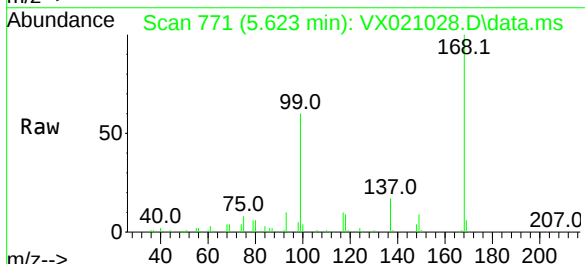
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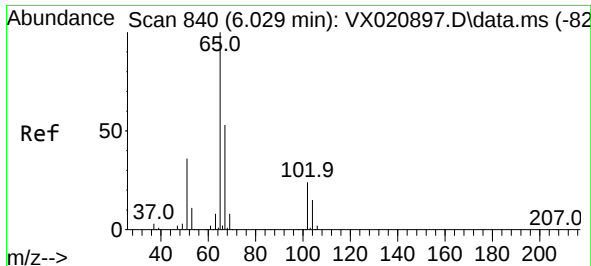
Tgt Ion: 83 Resp: 29605
Ion Ratio Lower Upper
83 100
85 63.9 52.0 78.0



#31
Cyclohexane
Concen: 0.99 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021028.D
Acq: 05 Mar 2021 12:57

Tgt Ion: 56 Resp: 4295
Ion Ratio Lower Upper
56 100
69 206.4 25.3 37.9#
84 177.0 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 48.79 ug/l

RT: 6.029 min Scan# 840

Delta R.T. -0.000 min

Lab File: VX021028.D

Acq: 05 Mar 2021 12:57

Tgt Ion: 65 Resp: 146071

Ion Ratio Lower Upper

65 100

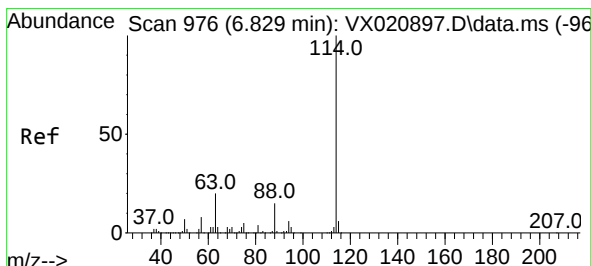
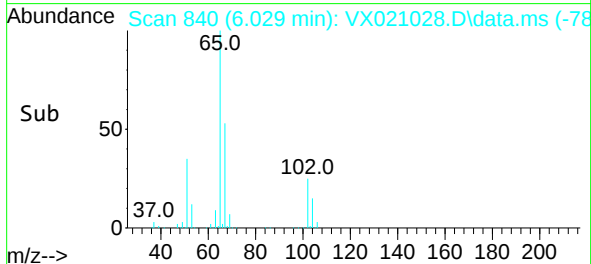
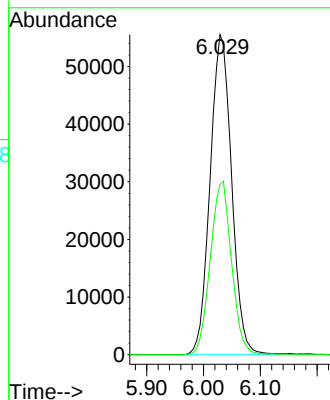
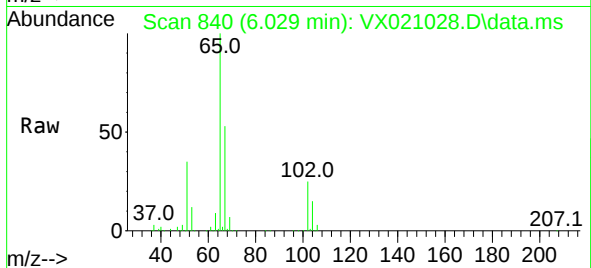
67 53.5 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

GWBR3-150-160-030421



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.829 min Scan# 976

Delta R.T. -0.000 min

Lab File: VX021028.D

Acq: 05 Mar 2021 12:57

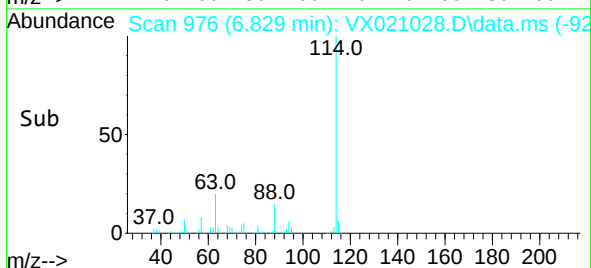
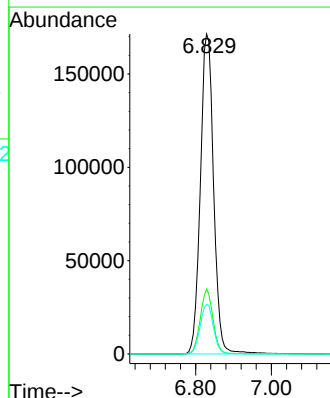
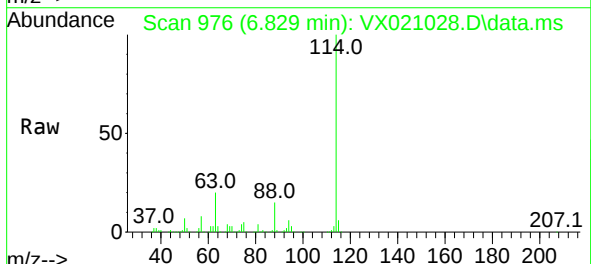
Tgt Ion: 114 Resp: 416801

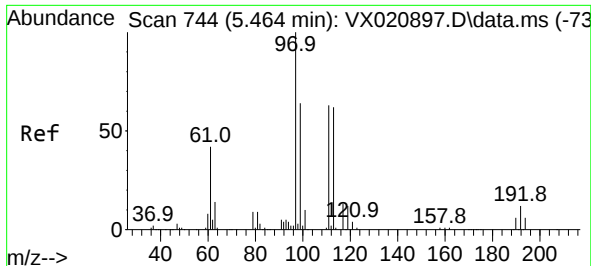
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

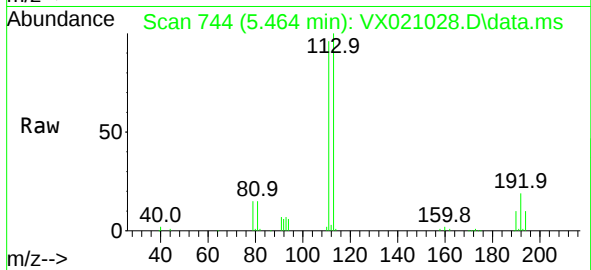
88 15.4 0.0 32.8



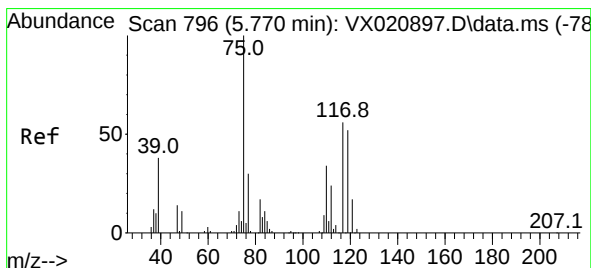
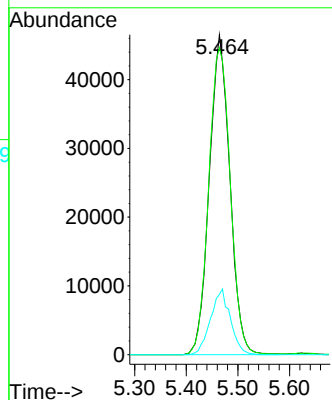
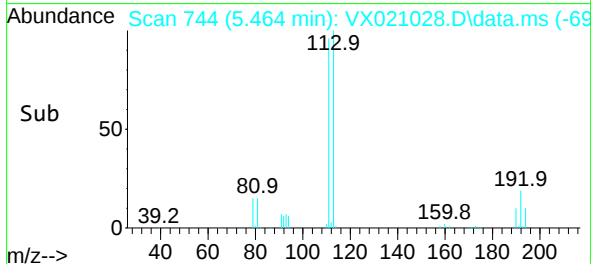


#35
Dibromofluoromethane
Concen: 50.70 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021028.D
Acq: 05 Mar 2021 12:57

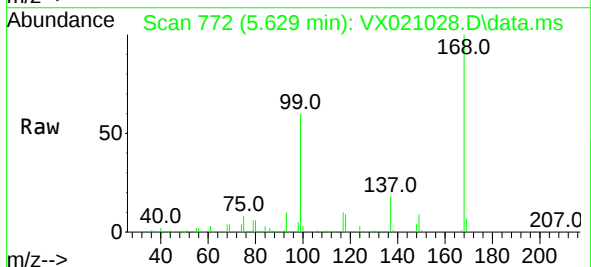
Instrument :
MSVOA_X
ClientSampleId :
GWBR3-150-160-030421



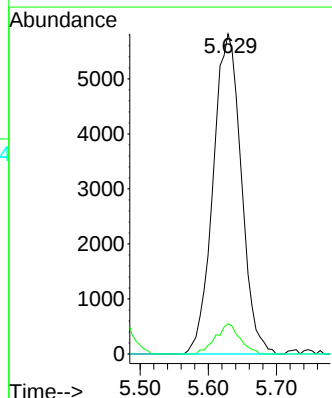
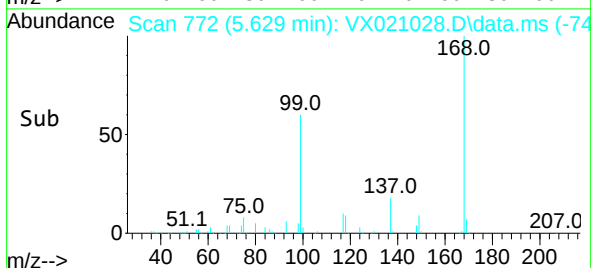
Tgt Ion:113 Resp: 128397
Ion Ratio Lower Upper
113 100
111 100.9 81.9 122.9
192 19.7 16.7 25.1

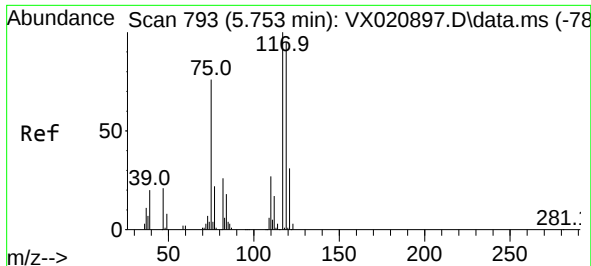


#36
1,1-Dichloropropene
Concen: 4.22 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021028.D
Acq: 05 Mar 2021 12:57



Tgt Ion: 75 Resp: 16731
Ion Ratio Lower Upper
75 100
110 8.1 18.1 54.4#
77 0.0 25.3 37.9#

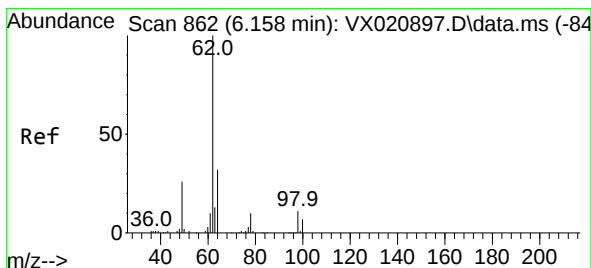
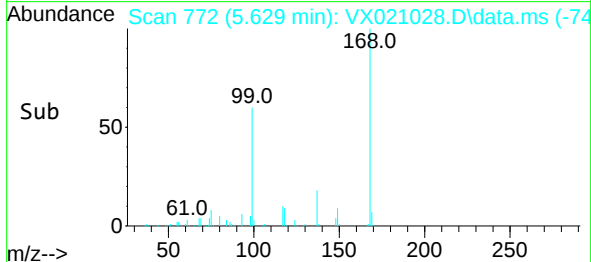
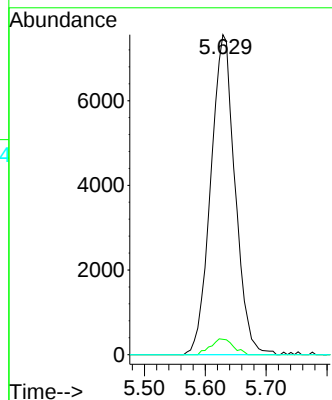
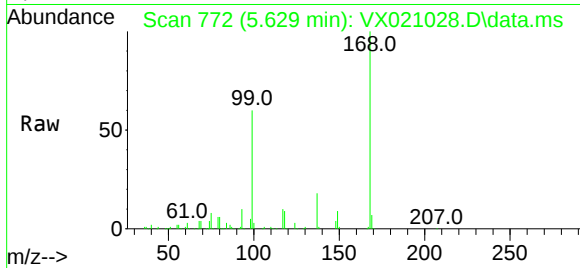




#38
Carbon Tetrachloride
Concen: 5.45 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX021028.D
Acq: 05 Mar 2021 12:57

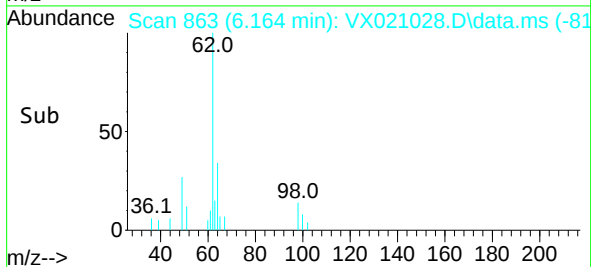
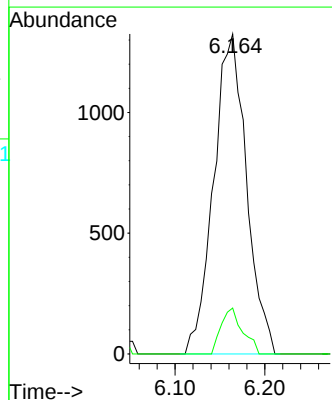
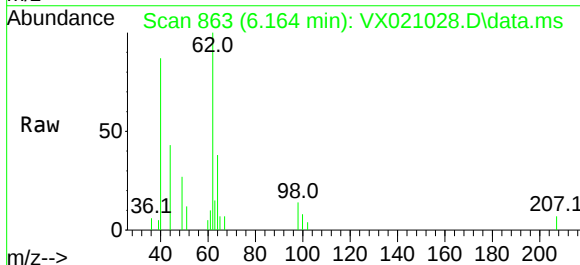
Instrument :
MSVOA_X
ClientSampleId :
GWBR3-150-160-030421

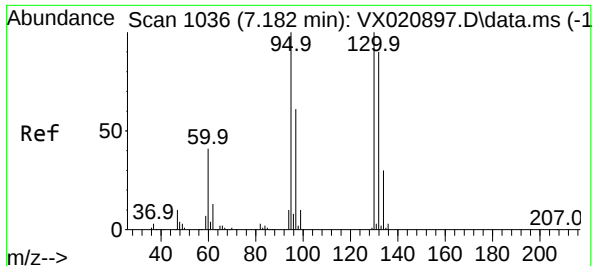
Tgt Ion:117 Resp: 20930
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.2#
121 0.0 24.8 37.2#



#42
1,2-Dichloroethane
Concen: 0.85 ug/l
RT: 6.164 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX021028.D
Acq: 05 Mar 2021 12:57

Tgt Ion: 62 Resp: 3364
Ion Ratio Lower Upper
62 100
98 9.4 0.0 20.2

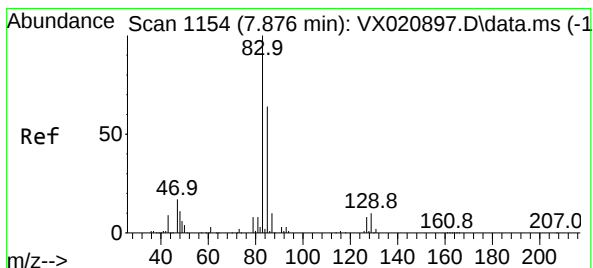
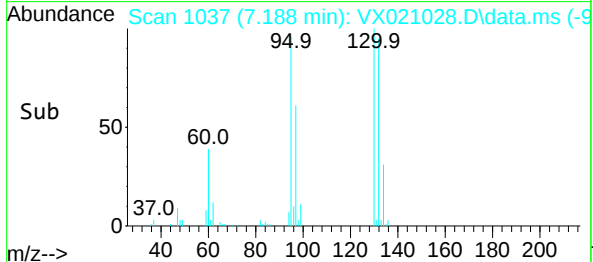
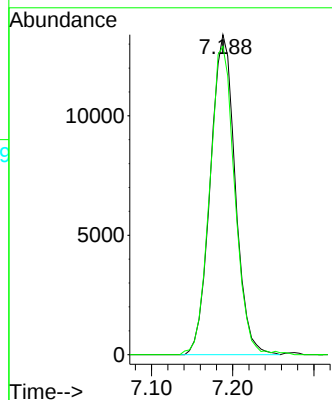
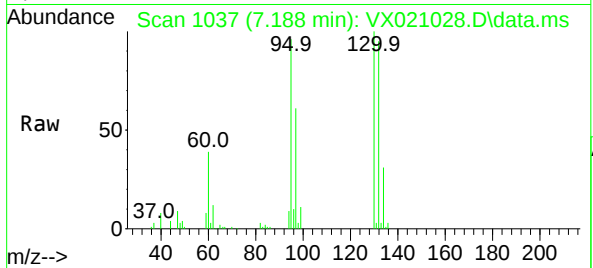




#44
Trichloroethene
Concen: 9.11 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VX021028.D
Acq: 05 Mar 2021 12:57

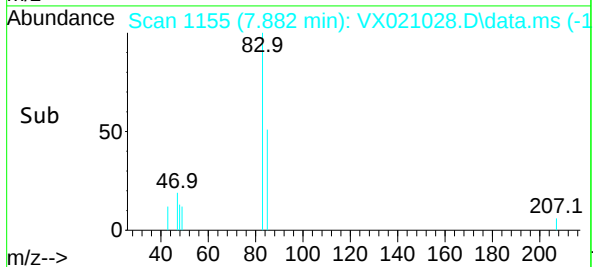
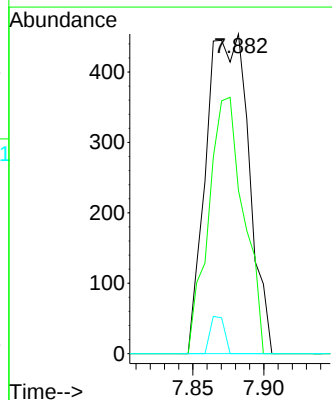
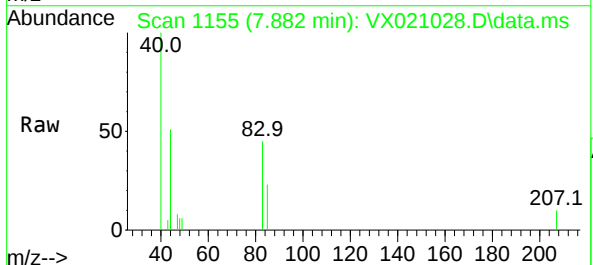
Instrument :
MSVOA_X
ClientSampleId :
GWBR3-150-160-030421

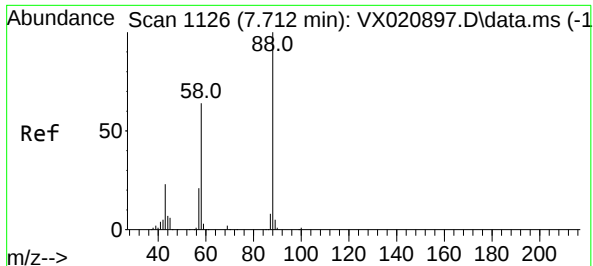
Tgt Ion:130 Resp: 28454
Ion Ratio Lower Upper
130 100
95 96.3 0.0 198.0



#47
Bromodichloromethane
Concen: 0.23 ug/l
RT: 7.882 min Scan# 1155
Delta R.T. 0.006 min
Lab File: VX021028.D
Acq: 05 Mar 2021 12:57

Tgt Ion: 83 Resp: 950
Ion Ratio Lower Upper
83 100
85 51.1 51.4 77.0#
127 0.0 6.8 10.2#





#49

1,4-Dioxane

Concen: 9.36 ug/l

RT: 7.723 min Scan# 1128

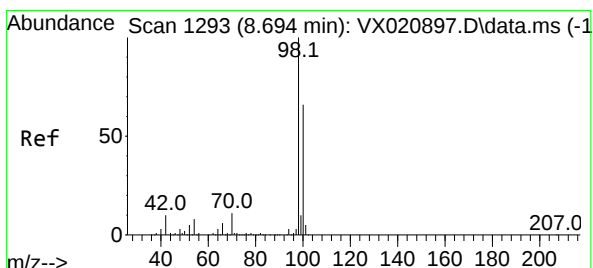
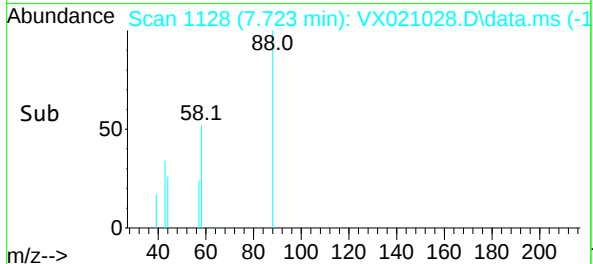
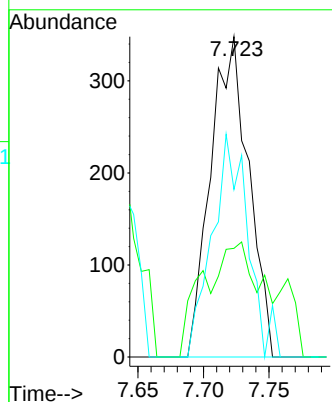
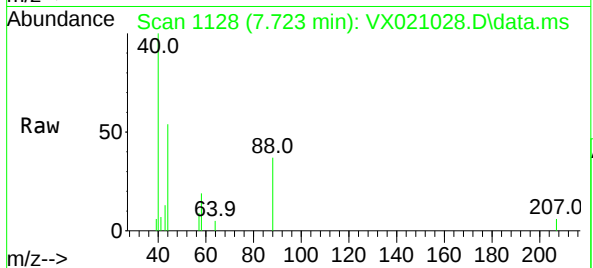
Delta R.T. 0.012 min

Lab File: VX021028.D

Acq: 05 Mar 2021 12:57

Tgt Ion:	88	Resp:	703
Ion	Ratio	Lower	Upper
88	100		
43	16.2	23.2	34.8#
58	65.1	55.0	82.4

Instrument :
MSVOA_X
ClientSampleId :
GWBR3-150-160-030421



#50

Toluene-d8

Concen: 52.56 ug/l

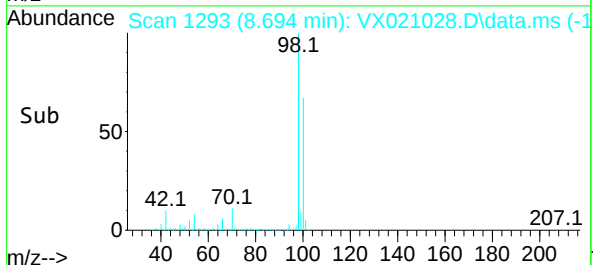
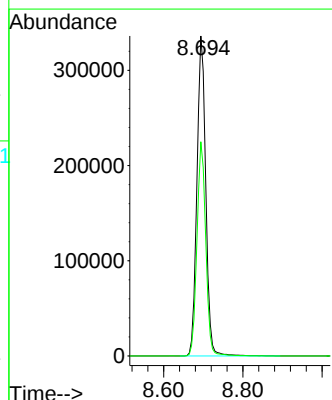
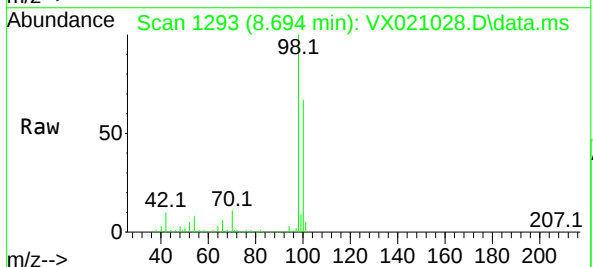
RT: 8.694 min Scan# 1293

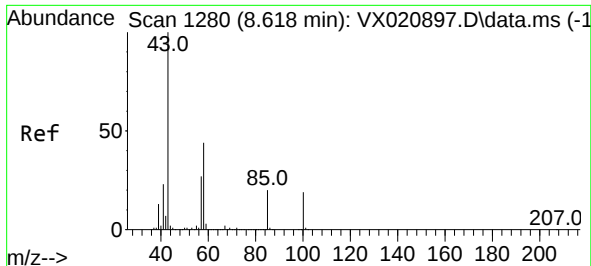
Delta R.T. -0.000 min

Lab File: VX021028.D

Acq: 05 Mar 2021 12:57

Tgt Ion:	98	Resp:	518946
Ion	Ratio	Lower	Upper
98	100		
100	66.7	51.9	77.9

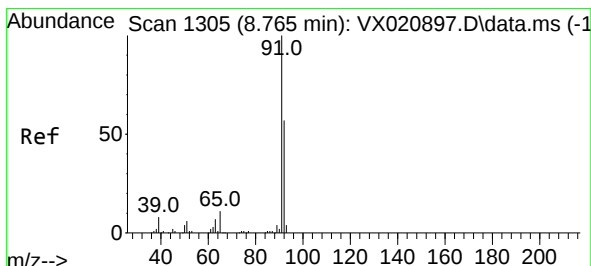
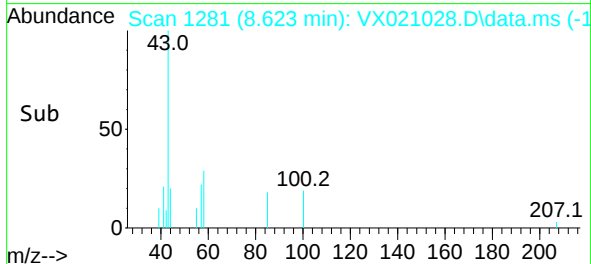
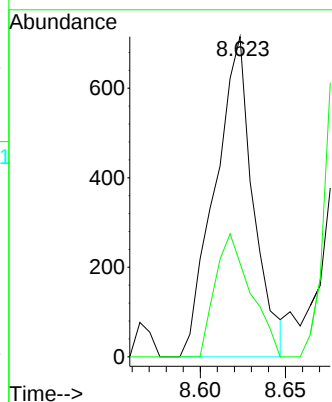
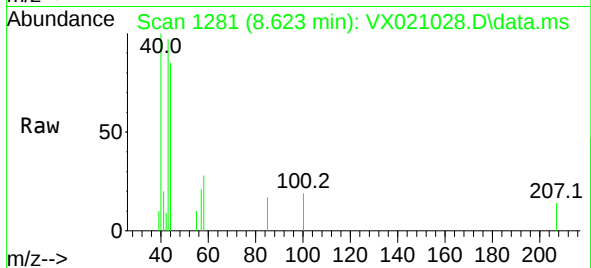




#51
4-Methyl-2-Pentanone
Concen: 0.30 ug/l
RT: 8.623 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VX021028.D
Acq: 05 Mar 2021 12:57

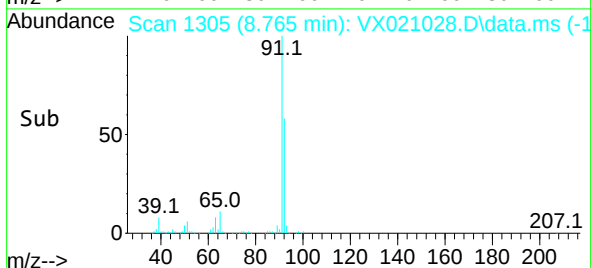
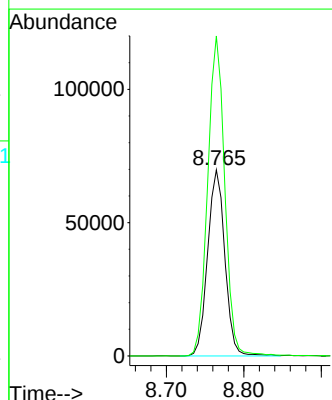
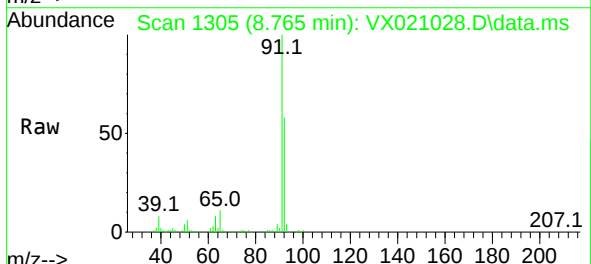
Instrument :
MSVOA_X
ClientSampleId :
GWBR3-150-160-030421

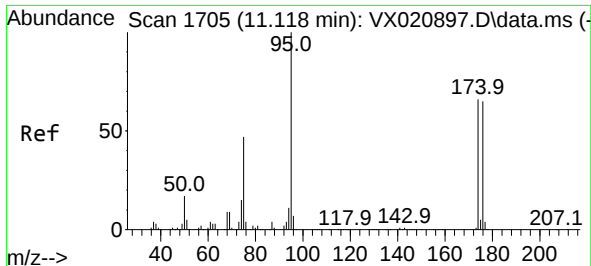
Tgt Ion: 43 Resp: 1120
Ion Ratio Lower Upper
43 100
58 35.6 35.4 53.0



#52
Toluene
Concen: 14.59 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021028.D
Acq: 05 Mar 2021 12:57

Tgt Ion: 92 Resp: 107885
Ion Ratio Lower Upper
92 100
91 170.3 137.1 205.7

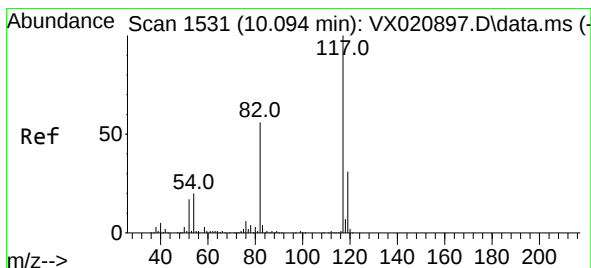
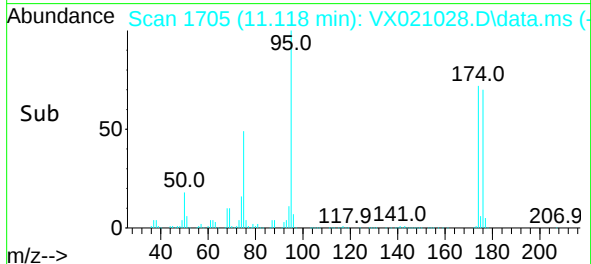
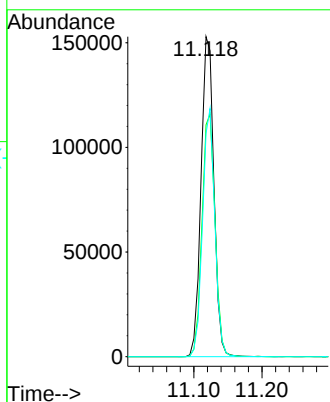
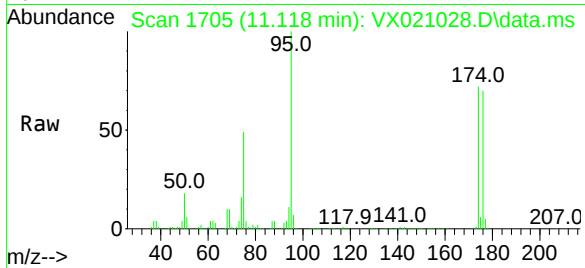




#62
4-Bromofluorobenzene
Concen: 54.72 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021028.D
Acq: 05 Mar 2021 12:57

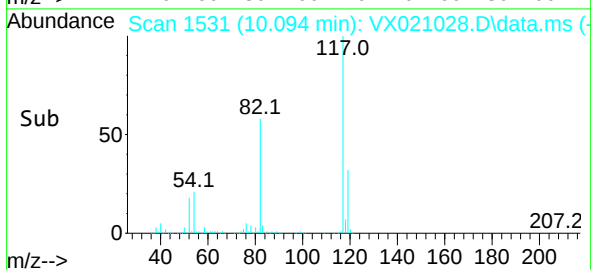
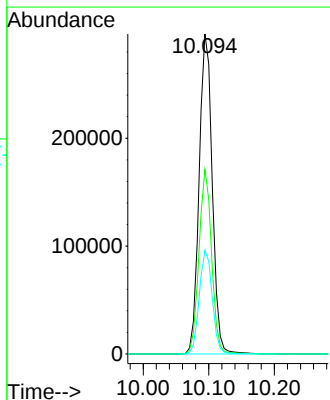
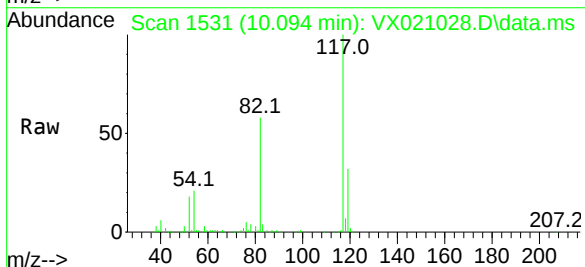
Instrument :
MSVOA_X
ClientSampleId :
GWBR3-150-160-030421

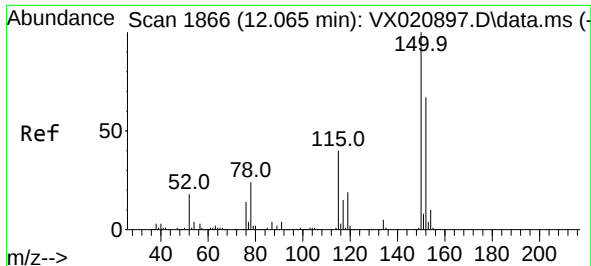
Tgt Ion: 95 Resp: 199783
Ion Ratio Lower Upper
95 100
174 76.9 0.0 154.6
176 74.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021028.D
Acq: 05 Mar 2021 12:57

Tgt Ion: 117 Resp: 413128
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 32.4 26.6 39.8

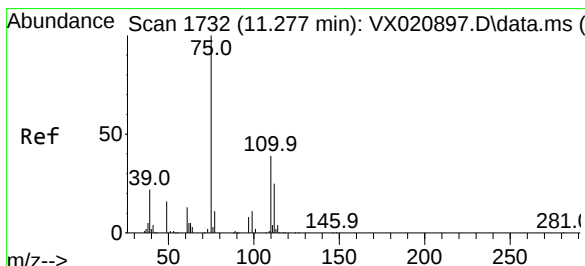
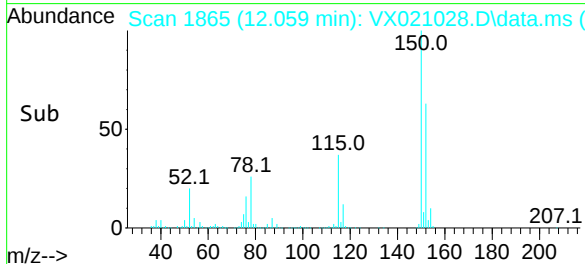
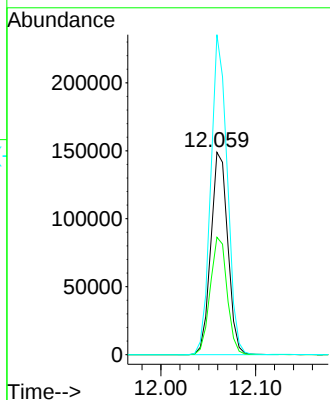
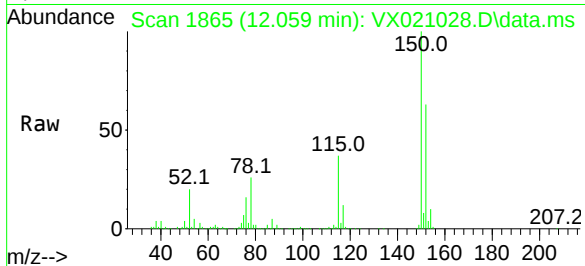




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021028.D
Acq: 05 Mar 2021 12:57

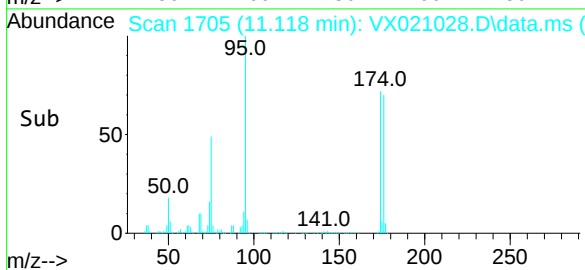
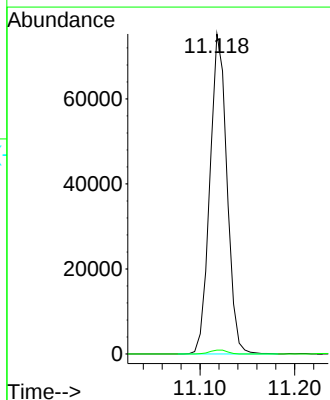
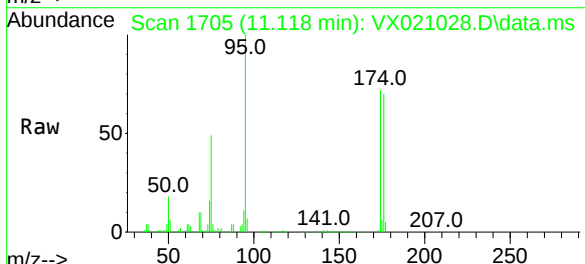
Instrument :
MSVOA_X
ClientSampleId :
GWBR3-150-160-030421

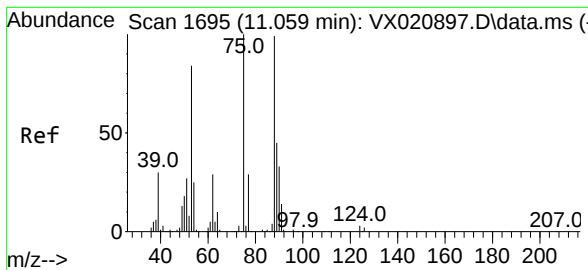
Tgt Ion:152 Resp: 184561
Ion Ratio Lower Upper
152 100
115 58.0 41.1 123.3
150 153.9 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 23.73 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021028.D
Acq: 05 Mar 2021 12:57

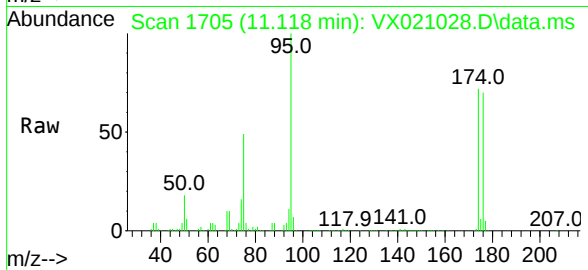
Tgt Ion: 75 Resp: 94229
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.54 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021028.D
 Acq: 05 Mar 2021 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 GWBR3-150-160-030421



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

