

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030821\
 Data File : VX021089.D
 Acq On : 09 Mar 2021 02:40
 Operator : JC/MD
 Sample : M1576-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-GW803-SO-030421

Quant Time: Mar 09 04:25:27 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)

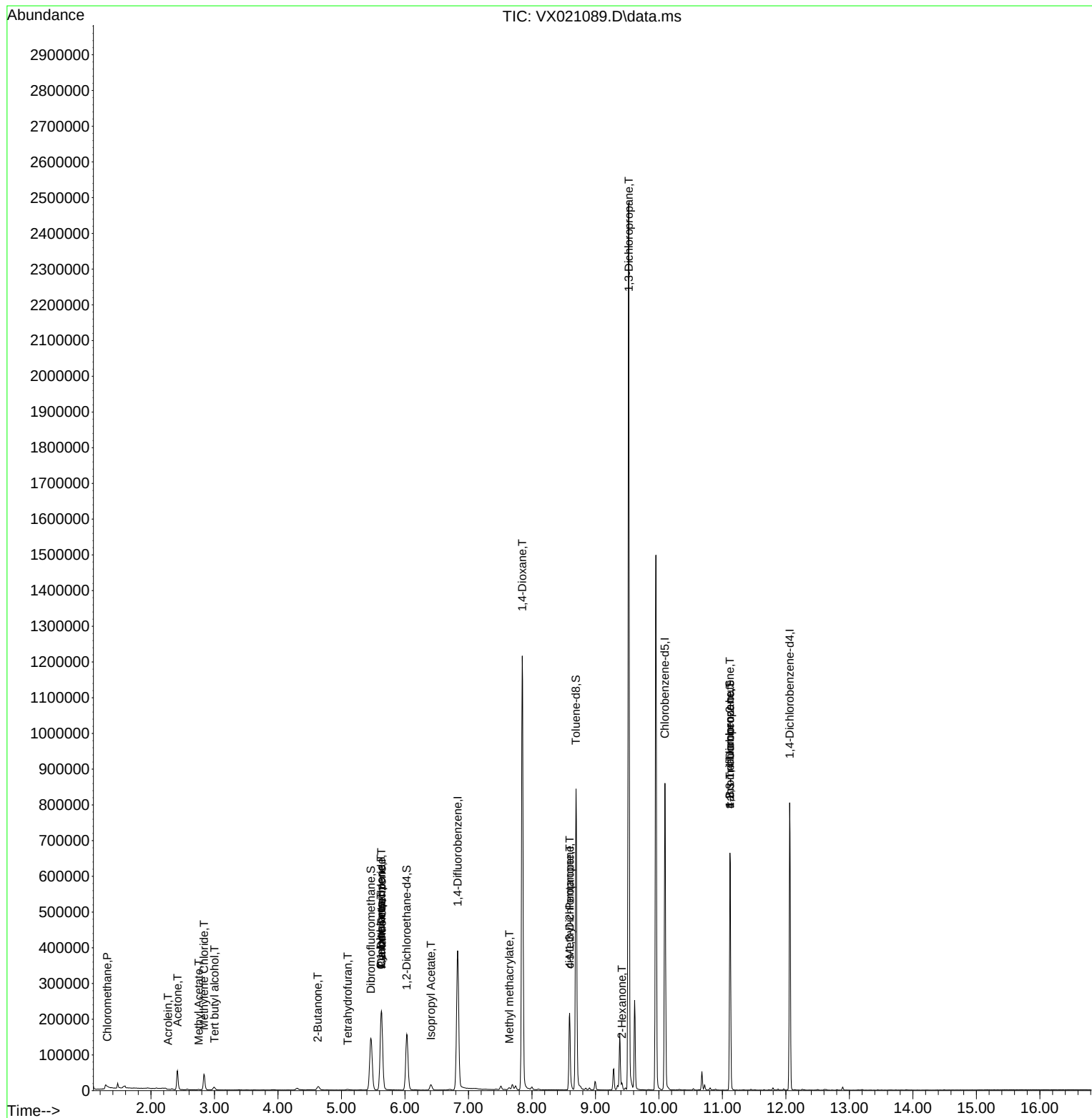
Internal Standards						
1) Pentafluorobenzene	5.635	168	220844	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.829	114	412030	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	398057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	170088	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	147215	49.35	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.70%		
35) Dibromofluoromethane	5.464	113	131975	52.72	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	105.44%		
50) Toluene-d8	8.694	98	517989	53.07	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.14%		
62) 4-Bromofluorobenzene	11.118	95	186564	51.69	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.38%		
Target Compounds					Qvalue	
3) Chloromethane	1.311	50	837	0.32	ug/l	96
5) Bromomethane	1.634	94	368	Below Cal		97
11) Tert butyl alcohol	2.999	59	5292	7.97	ug/l #	82
13) Acrolein	2.270	56	348	0.85	ug/l #	57
16) Acetone	2.417	43	55286	44.98	ug/l	100
18) Methyl Acetate	2.752	43	1737	0.60	ug/l	98
20) Methylene Chloride	2.834	84	21126	7.16	ug/l	99
25) 2-Butanone	4.629	43	13726	7.35	ug/l	95
29) Tetrahydrofuran	5.099	42	1715	1.43	ug/l	88
31) Cyclohexane	5.623	56	4458	1.03	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	16617	4.24	ug/l #	48
38) Carbon Tetrachloride	5.629	117	20961	5.52	ug/l #	17
43) Isopropyl Acetate	6.411	43	19415	3.06	ug/l	99
48) Methyl methacrylate	7.647	41	5957	1.87	ug/l #	10
49) 1,4-Dioxane	7.847	88	169	2.28	ug/l #	1
51) 4-Methyl-2-Pentanone	8.594	43	72473	19.64	ug/l #	48
54) cis-1,3-Dichloropropene	8.594	75	38189	7.53	ug/l #	57
57) 1,3-Dichloropropane	9.524	76	22104	4.46	ug/l #	43
59) 2-Hexanone	9.418	43	9223	3.33	ug/l #	19
76) 1,2,3-Trichloropropane	11.118	75	89731	24.52	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	89731	54.29	ug/l #	12

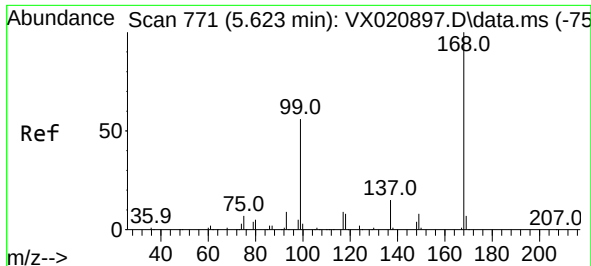
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 09 04:25:27 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

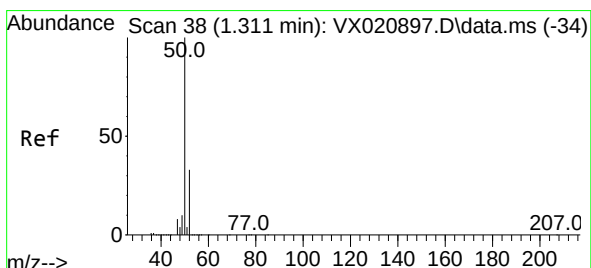
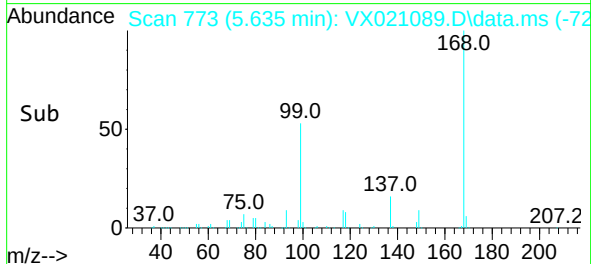
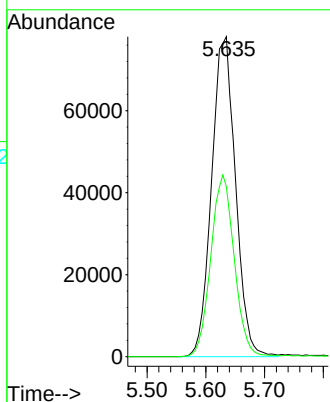
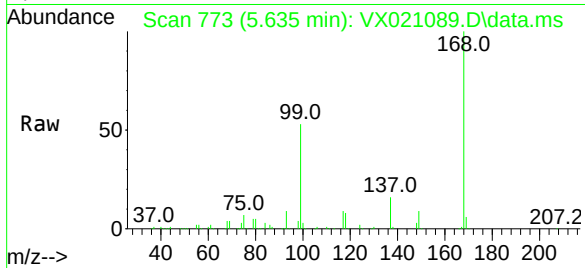




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.012 min
Lab File: VX021089.D
Acq: 09 Mar 2021 02:40

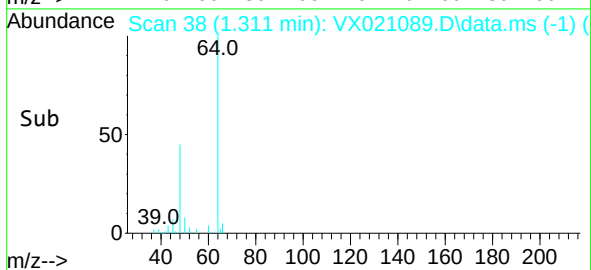
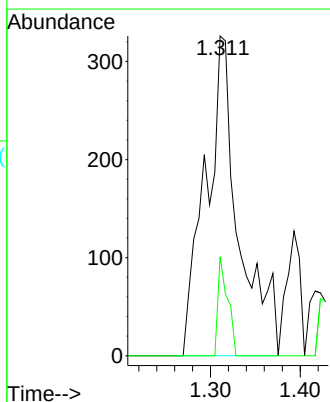
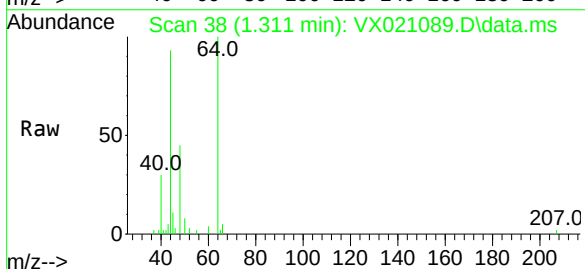
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW803-SO-030421

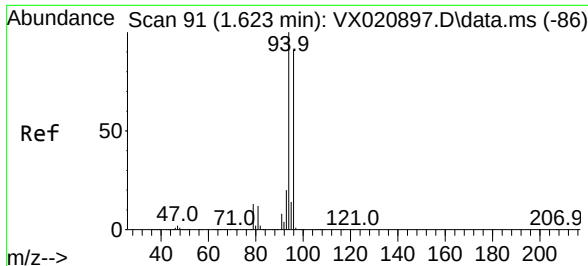
Tgt Ion:168 Resp: 220844
Ion Ratio Lower Upper
168 100
99 53.2 45.8 68.6



#3
Chloromethane
Concen: 0.32 ug/l
RT: 1.311 min Scan# 38
Delta R.T. -0.000 min
Lab File: VX021089.D
Acq: 09 Mar 2021 02:40

Tgt Ion: 50 Resp: 837
Ion Ratio Lower Upper
50 100
52 31.0 26.4 39.6

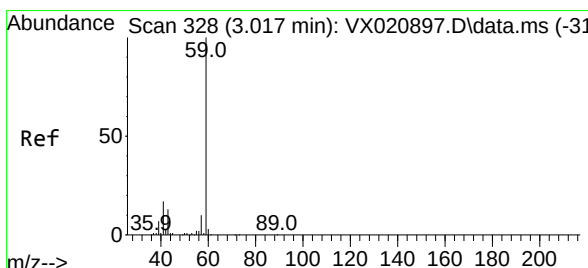
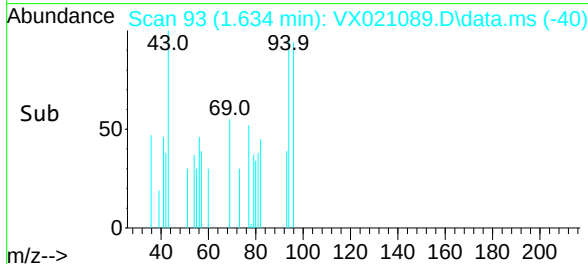
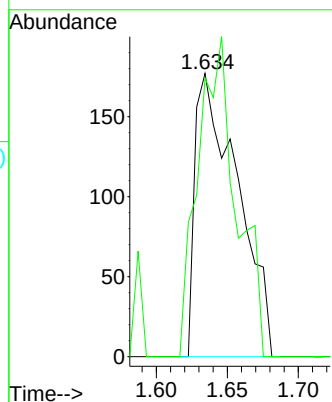
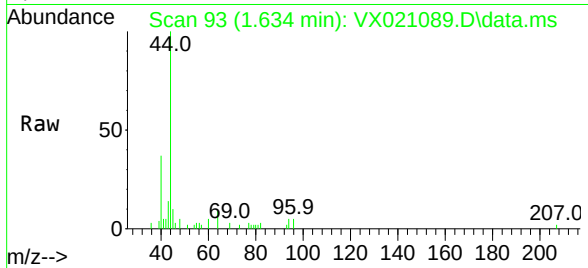




#5
Bromomethane
Concen: Below Cal
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX021089.D
Acq: 09 Mar 2021 02:40

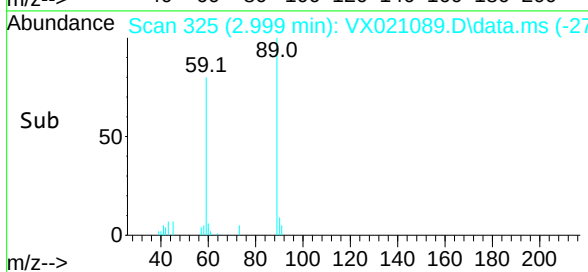
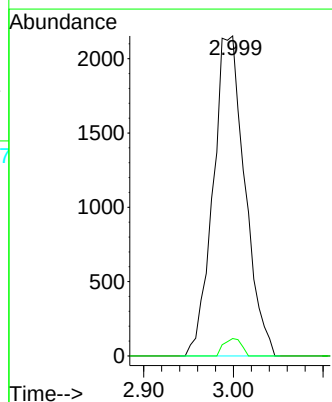
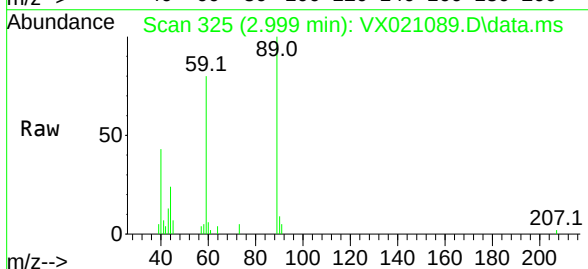
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW803-SO-030421

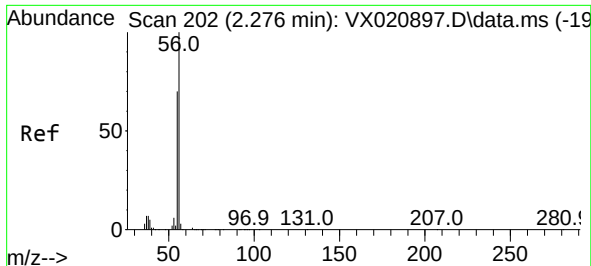
Tgt Ion: 94 Resp: 368
Ion Ratio Lower Upper
94 100
96 98.3 76.4 114.6



#11
Tert butyl alcohol
Concen: 7.97 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.018 min
Lab File: VX021089.D
Acq: 09 Mar 2021 02:40

Tgt Ion: 59 Resp: 5292
Ion Ratio Lower Upper
59 100
57 3.0 7.8 11.8#

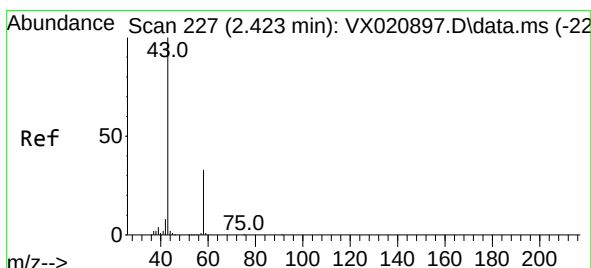
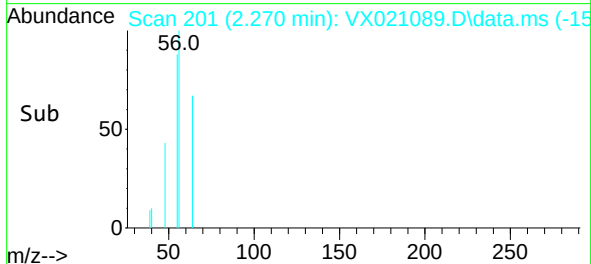
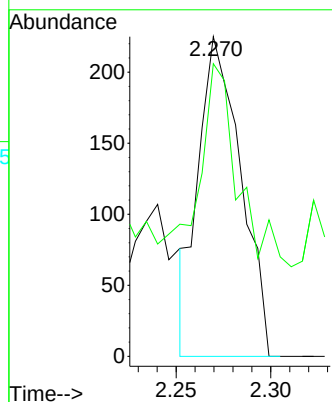
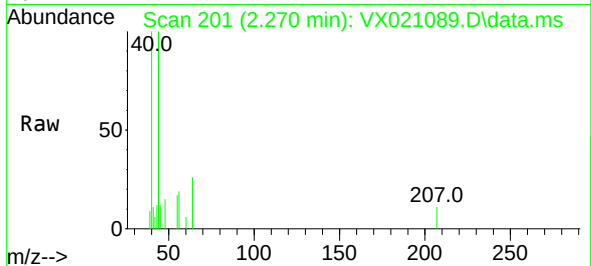




#13
Acrolein
Concen: 0.85 ug/l
RT: 2.270 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX021089.D
Acq: 09 Mar 2021 02:40

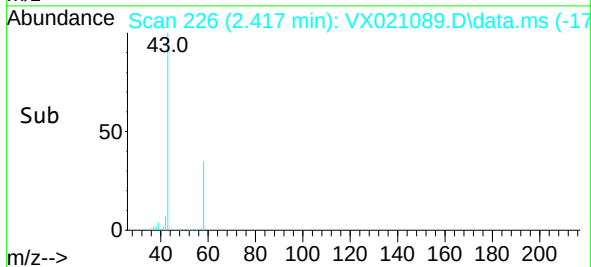
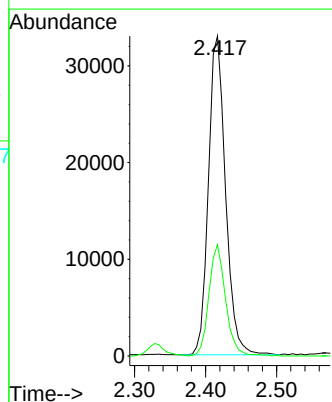
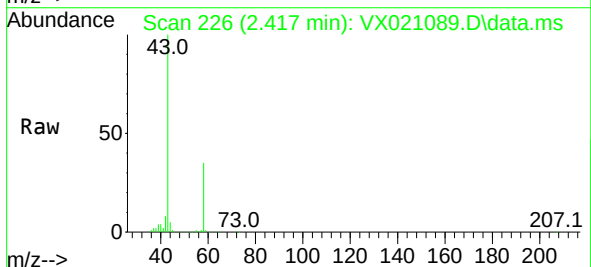
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW803-SO-030421

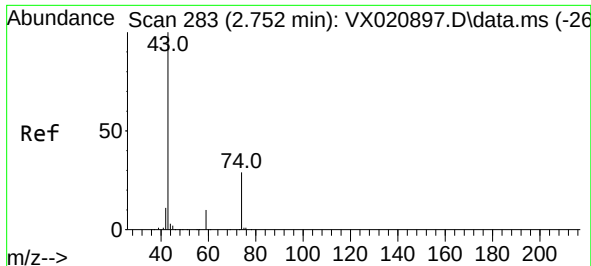
Tgt Ion: 56 Resp: 348
Ion Ratio Lower Upper
56 100
55 105.7 56.4 84.6#



#16
Acetone
Concen: 44.98 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021089.D
Acq: 09 Mar 2021 02:40

Tgt Ion: 43 Resp: 55286
Ion Ratio Lower Upper
43 100
58 34.9 27.8 41.8

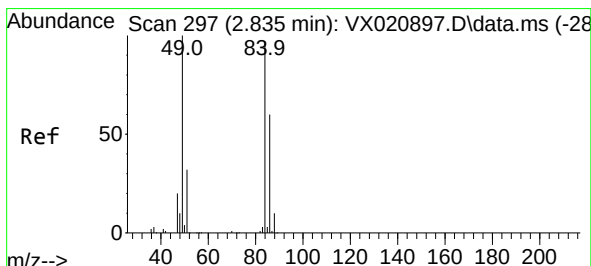
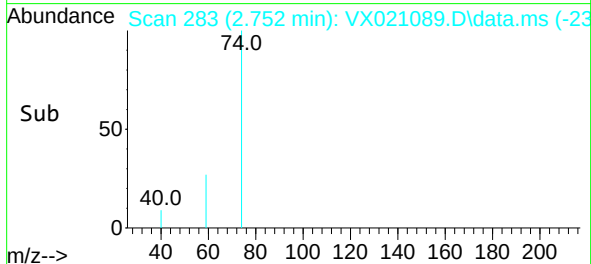
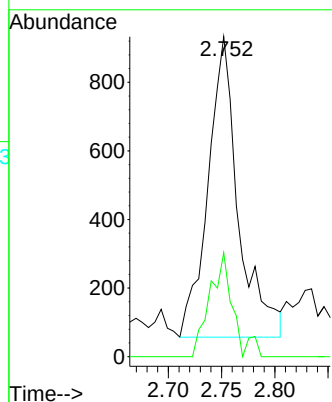
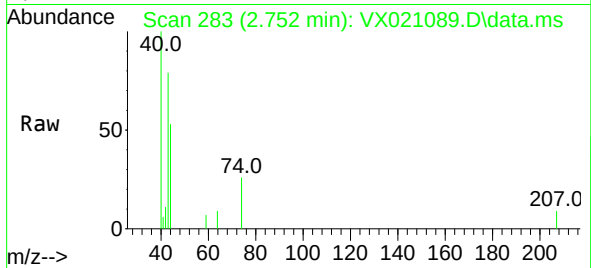




#18
Methyl Acetate
Concen: 0.60 ug/l
RT: 2.752 min Scan# 283
Delta R.T. -0.000 min
Lab File: VX021089.D
Acq: 09 Mar 2021 02:40

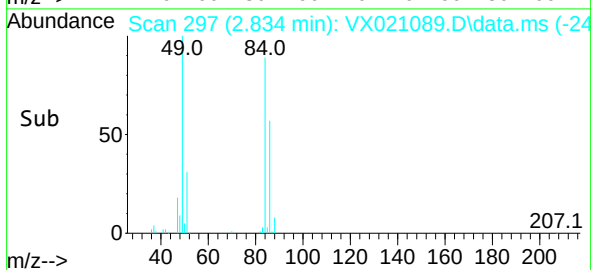
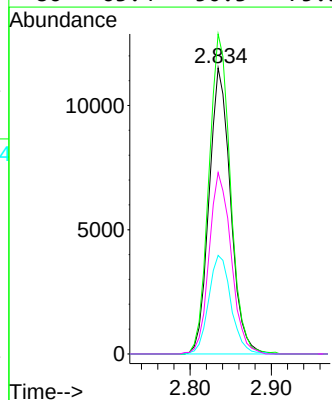
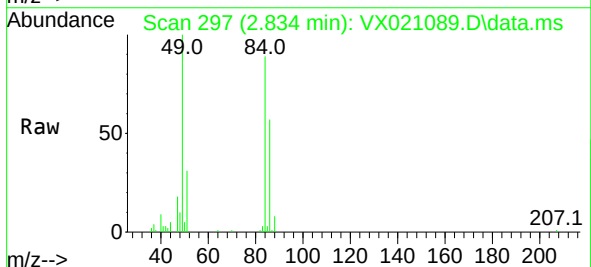
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW803-SO-030421

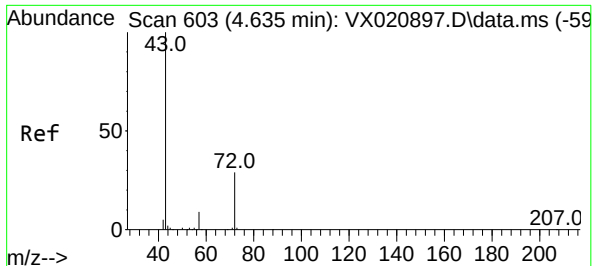
Tgt Ion: 43 Resp: 1737
Ion Ratio Lower Upper
43 100
74 26.5 21.9 32.9



#20
Methylene Chloride
Concen: 7.16 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.000 min
Lab File: VX021089.D
Acq: 09 Mar 2021 02:40

Tgt Ion: 84 Resp: 21126
Ion Ratio Lower Upper
84 100
49 111.8 88.6 132.8
51 34.5 27.0 40.6
86 63.4 50.3 75.5

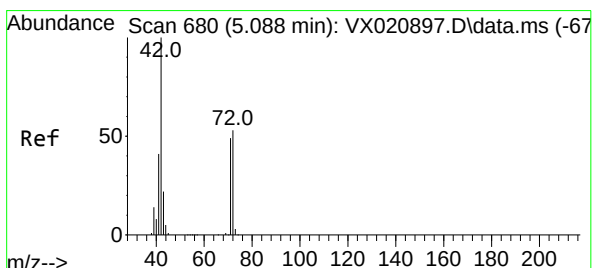
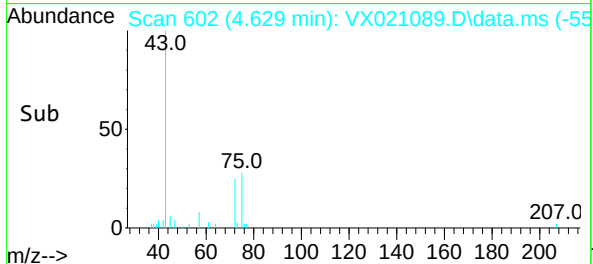
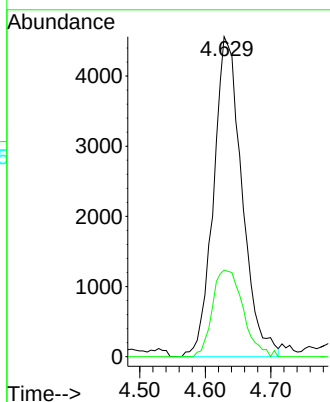
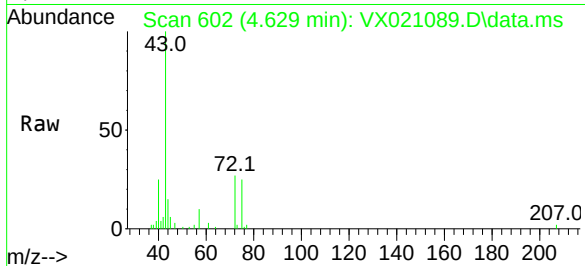




#25
2-Butanone
Concen: 7.35 ug/l
RT: 4.629 min Scan# 602
Delta R.T. -0.006 min
Lab File: VX021089.D
Acq: 09 Mar 2021 02:40

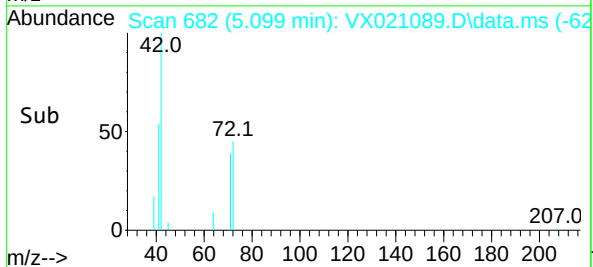
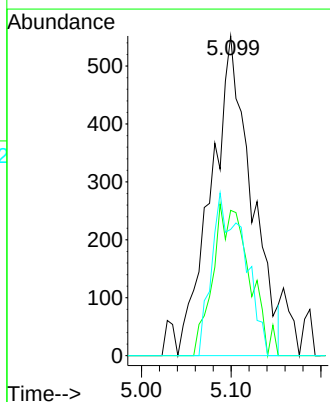
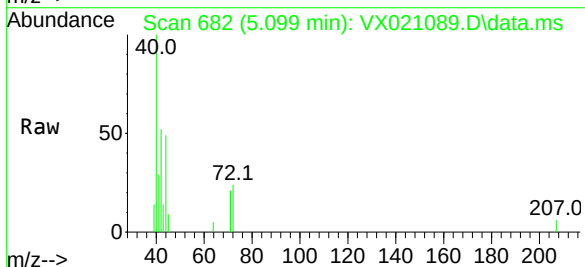
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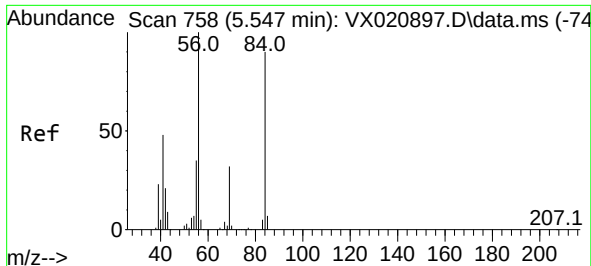
Tgt Ion: 43 Resp: 13726
Ion Ratio Lower Upper
43 100
72 27.1 23.7 35.5



#29
Tetrahydrofuran
Concen: 1.43 ug/l
RT: 5.099 min Scan# 682
Delta R.T. 0.012 min
Lab File: VX021089.D
Acq: 09 Mar 2021 02:40

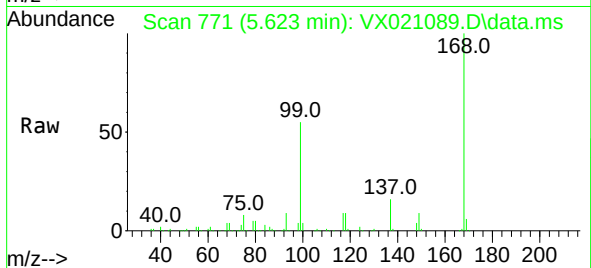
Tgt Ion: 42 Resp: 1715
Ion Ratio Lower Upper
42 100
72 42.7 41.7 62.5
71 41.1 38.4 57.6



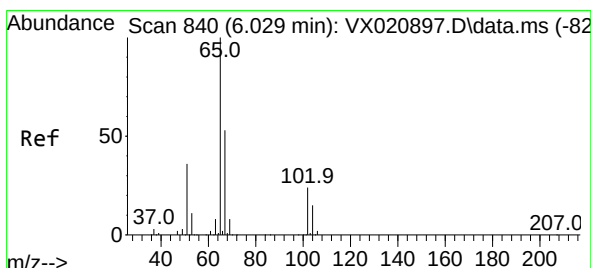
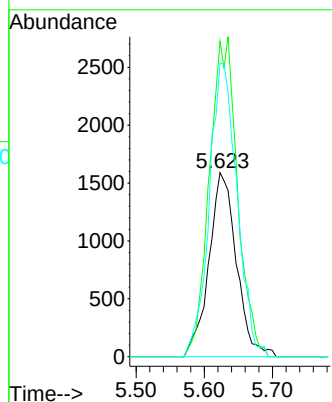
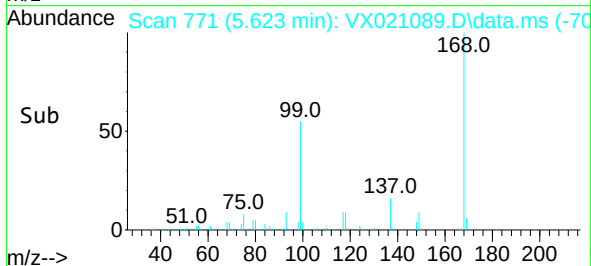


#31
Cyclohexane
Concen: 1.03 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021089.D
Acq: 09 Mar 2021 02:40

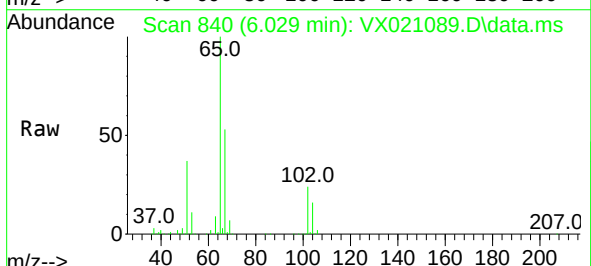
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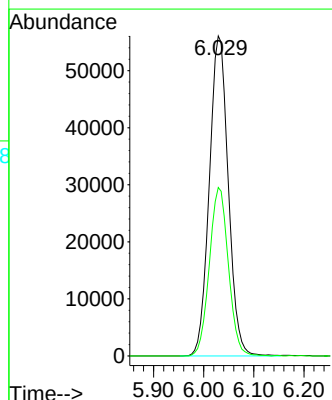
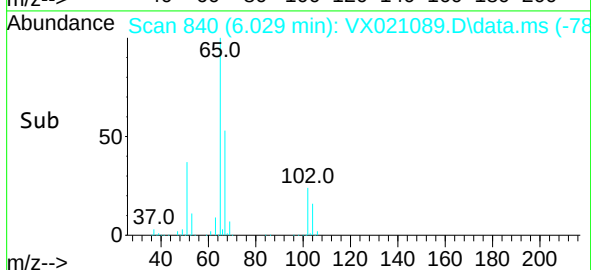
Tgt Ion: 56 Resp: 4458
Ion Ratio Lower Upper
56 100
69 171.4 25.3 37.9#
84 159.6 71.4 107.0#

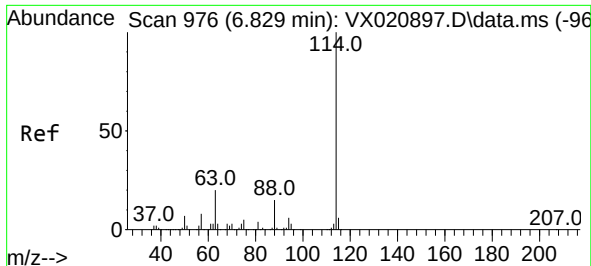


#33
1,2-Dichloroethane-d4
Concen: 49.35 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021089.D
Acq: 09 Mar 2021 02:40



Tgt Ion: 65 Resp: 147215
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.4

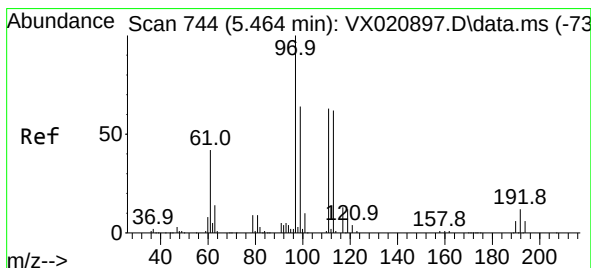
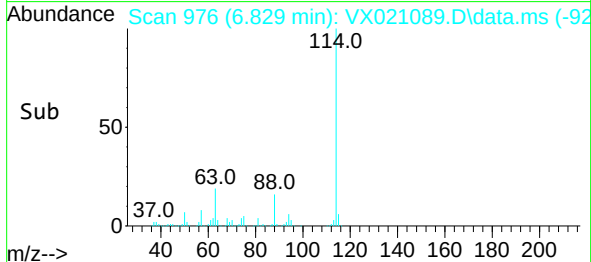
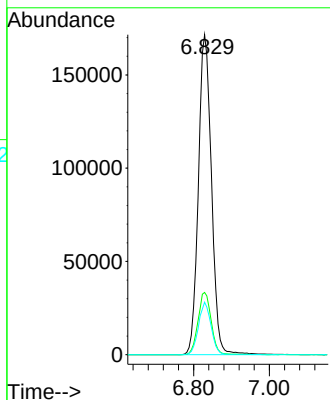
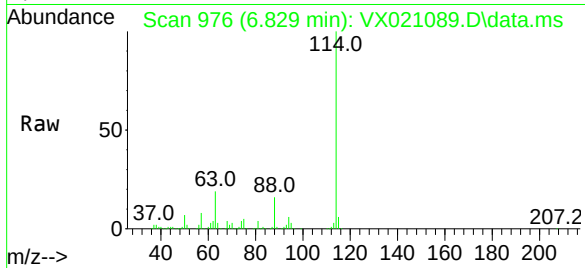




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021089.D
Acq: 09 Mar 2021 02:40

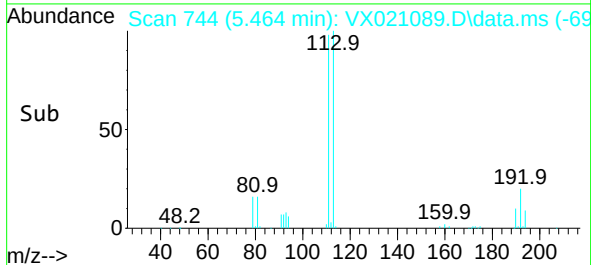
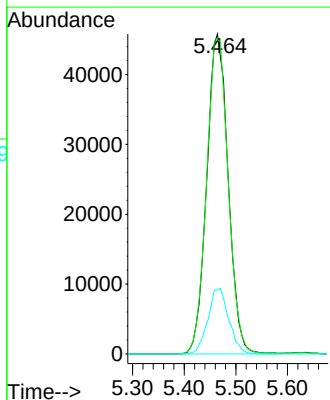
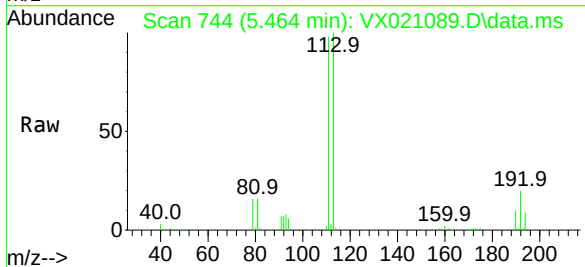
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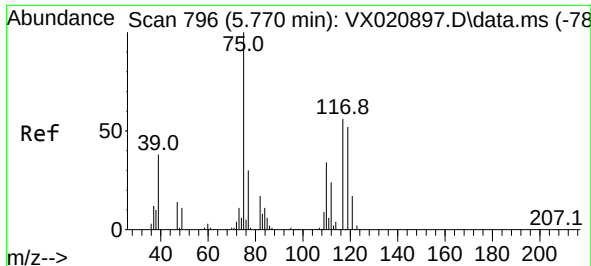
Tgt Ion:114 Resp: 412030
Ion Ratio Lower Upper
114 100
63 19.4 0.0 40.8
88 16.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.72 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021089.D
Acq: 09 Mar 2021 02:40

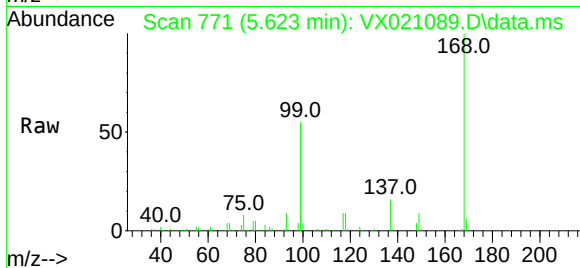
Tgt Ion:113 Resp: 131975
Ion Ratio Lower Upper
113 100
111 100.1 81.9 122.9
192 20.0 16.7 25.1



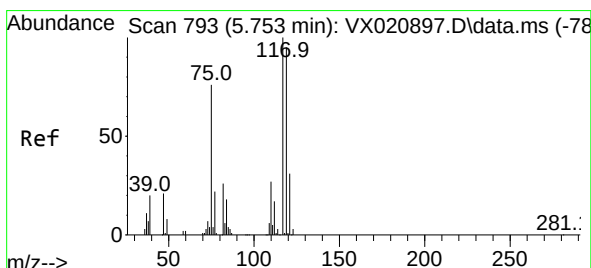
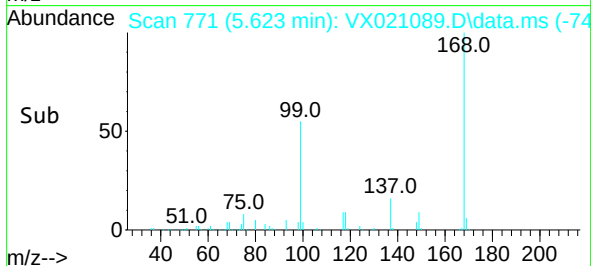
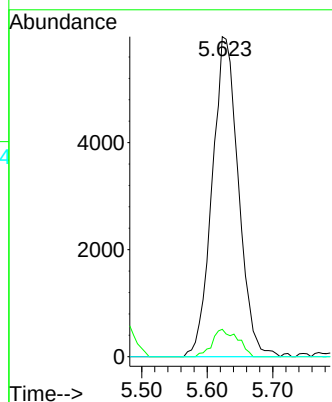


#36
1,1-Dichloropropene
Concen: 4.24 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX021089.D
Acq: 09 Mar 2021 02:40

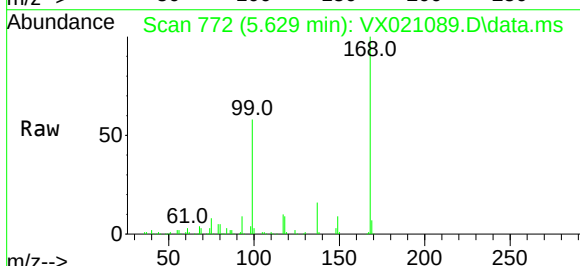
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW803-SO-030421



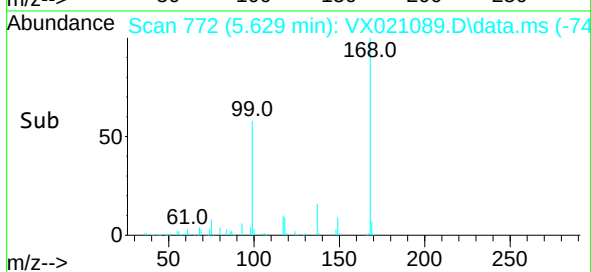
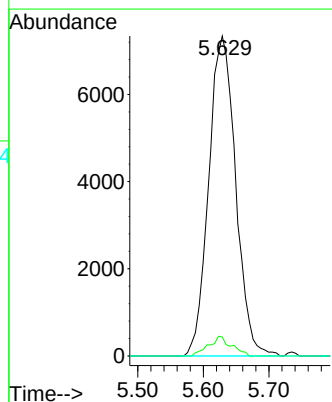
Tgt Ion: 75 Resp: 16617
Ion Ratio Lower Upper
75 100
110 8.3 18.1 54.4#
77 0.0 25.3 37.9#

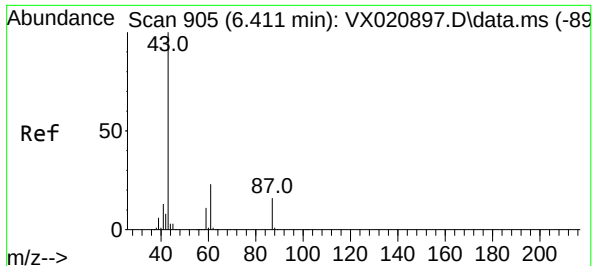


#38
Carbon Tetrachloride
Concen: 5.52 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX021089.D
Acq: 09 Mar 2021 02:40



Tgt Ion: 117 Resp: 20961
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.2#
121 0.0 24.8 37.2#

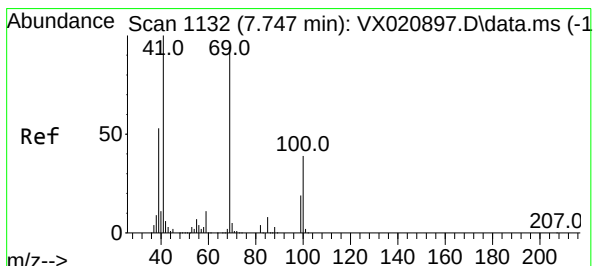
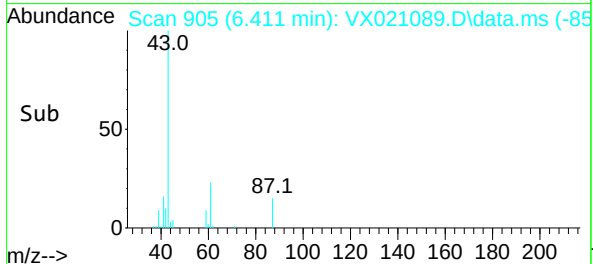
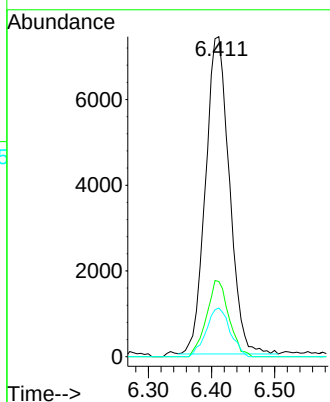
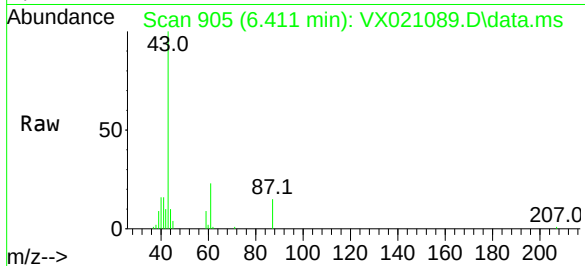




#43
Isopropyl Acetate
Concen: 3.06 ug/l
RT: 6.411 min Scan# 905
Delta R.T. -0.000 min
Lab File: VX021089.D
Acq: 09 Mar 2021 02:40

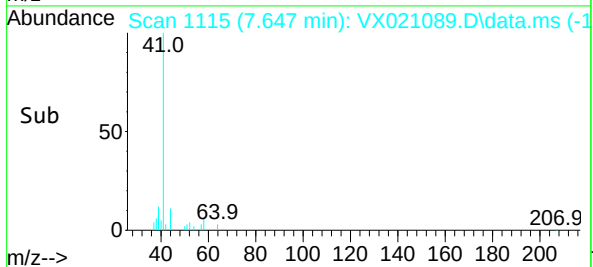
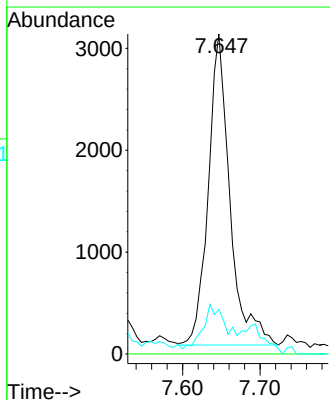
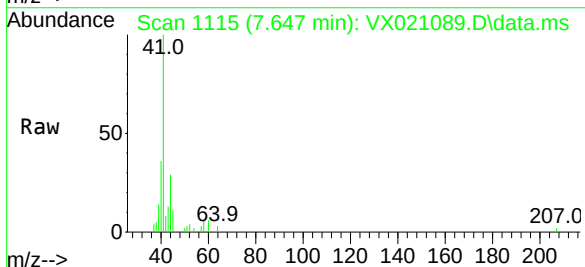
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW803-SO-030421

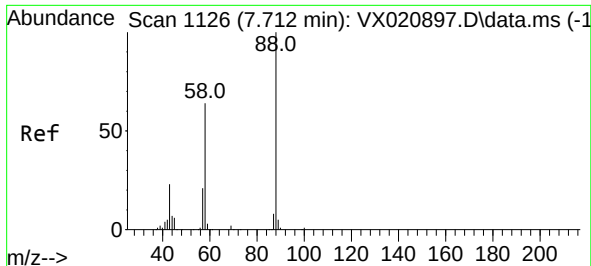
Tgt Ion:	43	Resp:	19415
Ion	Ratio	Lower	Upper
43	100		
61	22.5	18.2	27.4
87	15.3	12.5	18.7



#48
Methyl methacrylate
Concen: 1.87 ug/l
RT: 7.647 min Scan# 1115
Delta R.T. -0.100 min
Lab File: VX021089.D
Acq: 09 Mar 2021 02:40

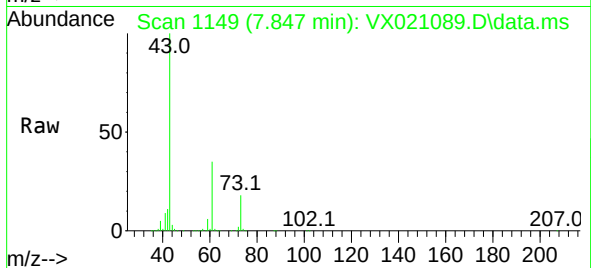
Tgt Ion:	41	Resp:	5957
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#



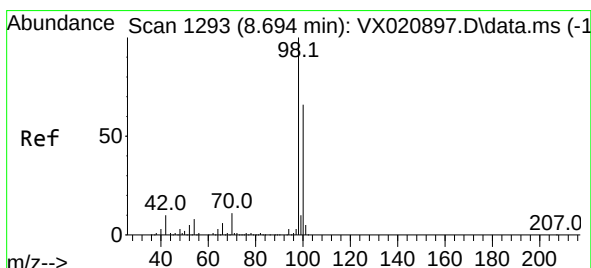
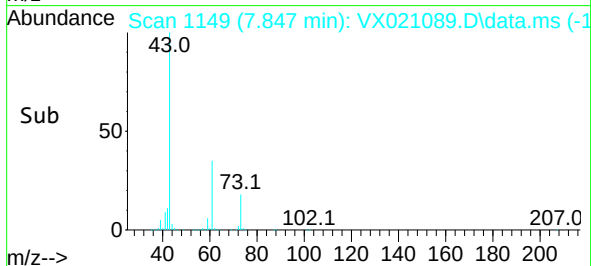
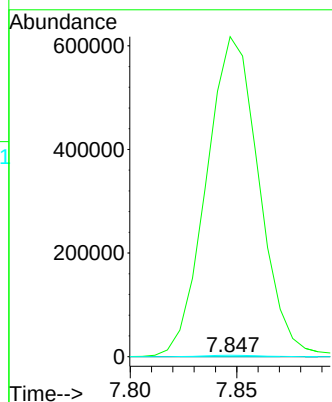


#49
1,4-Dioxane
Concen: 2.28 ug/l
RT: 7.847 min Scan# 1149
Delta R.T. 0.135 min
Lab File: VX021089.D
Acq: 09 Mar 2021 02:40

Instrument :
MSVOA_X
ClientSampleId :
IDW-GW803-SO-030421

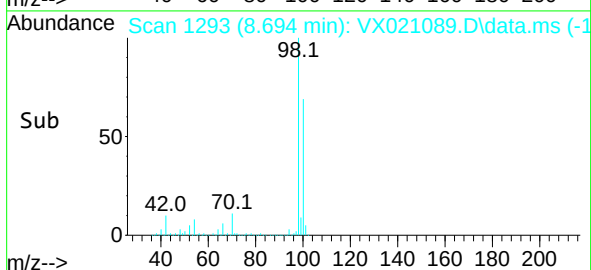
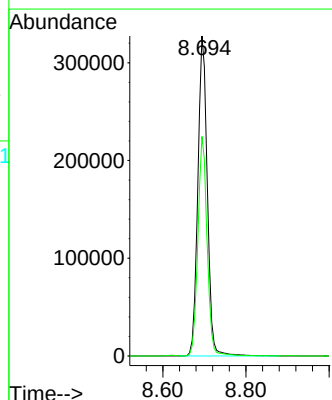
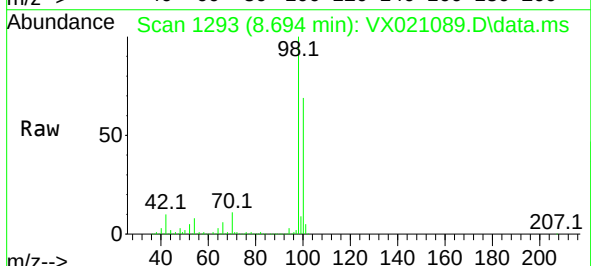


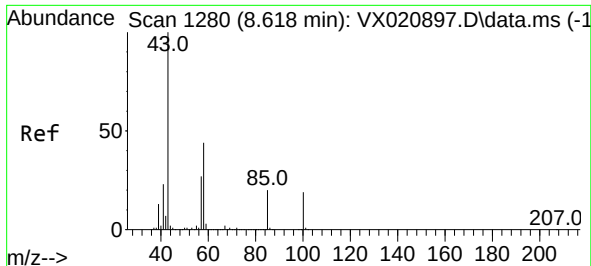
Tgt Ion: 88 Resp: 169
Ion Ratio Lower Upper
88 100
43 636915.4 23.2 34.8#
58 2995.9 55.0 82.4#



#50
Toluene-d8
Concen: 53.07 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021089.D
Acq: 09 Mar 2021 02:40

Tgt Ion: 98 Resp: 517989
Ion Ratio Lower Upper
98 100
100 66.9 51.9 77.9

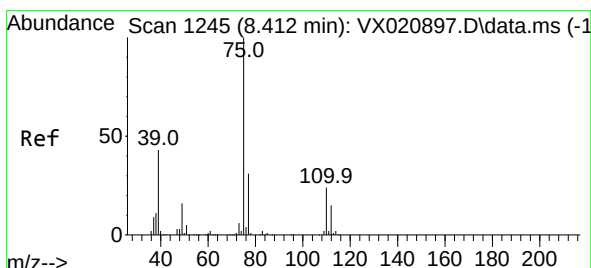
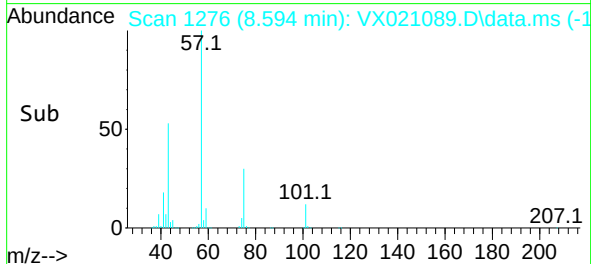
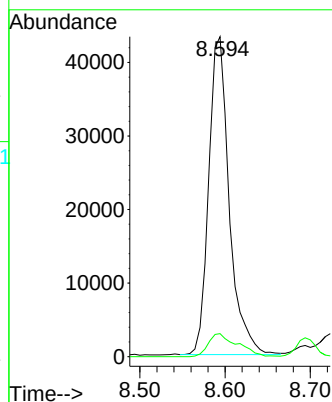
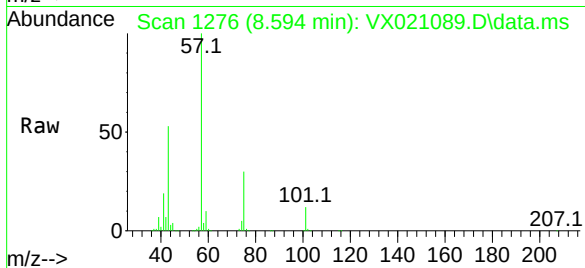




#51
4-Methyl-2-Pentanone
Concen: 19.64 ug/l
RT: 8.594 min Scan# 1276
Delta R.T. -0.024 min
Lab File: VX021089.D
Acq: 09 Mar 2021 02:40

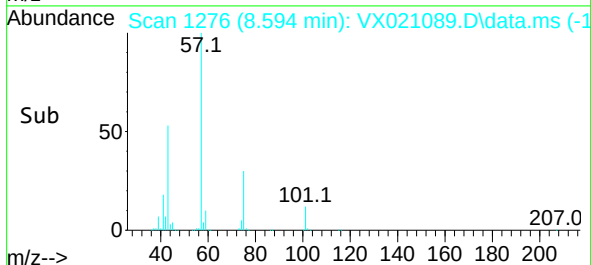
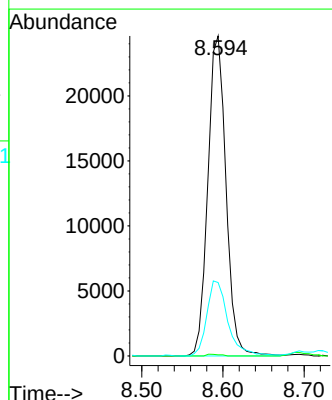
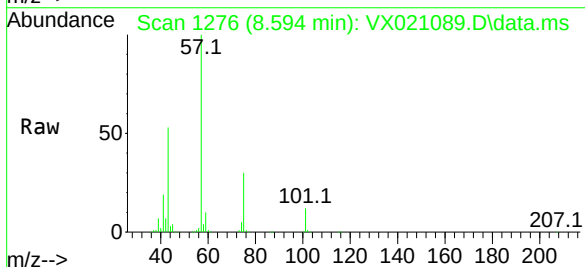
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW803-SO-030421

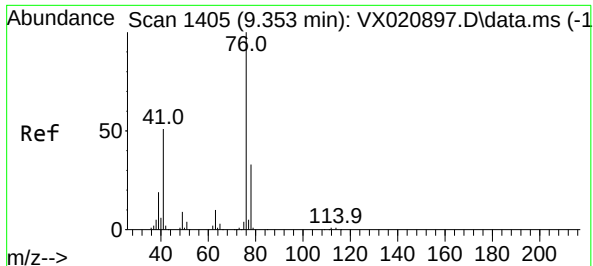
Tgt Ion: 43 Resp: 72473
Ion Ratio Lower Upper
43 100
58 10.4 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 7.53 ug/l
RT: 8.594 min Scan# 1276
Delta R.T. 0.182 min
Lab File: VX021089.D
Acq: 09 Mar 2021 02:40

Tgt Ion: 75 Resp: 38189
Ion Ratio Lower Upper
75 100
77 0.4 25.7 38.5#
39 23.0 35.1 52.7#

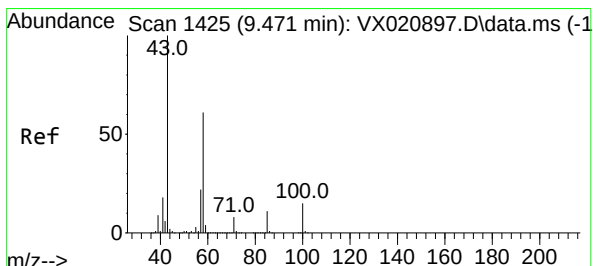
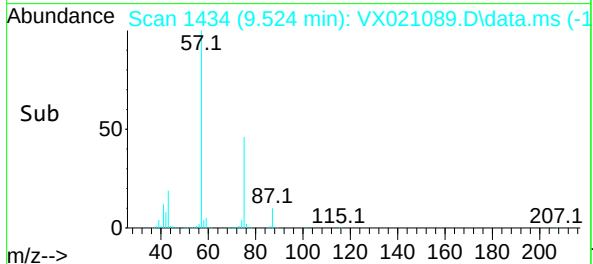
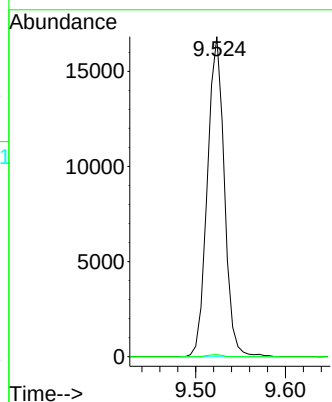
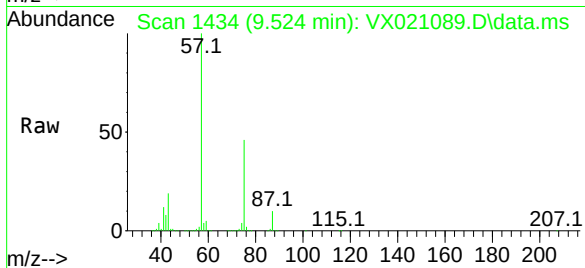




#57
1,3-Dichloropropane
Concen: 4.46 ug/l
RT: 9.524 min Scan# 1434
Delta R.T. 0.171 min
Lab File: VX021089.D
Acq: 09 Mar 2021 02:40

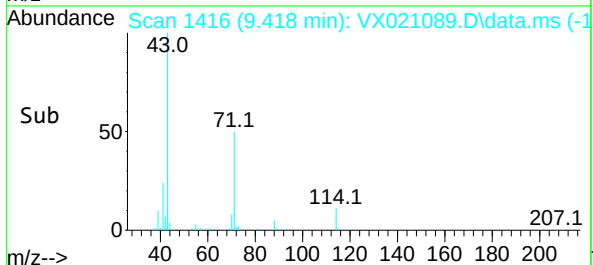
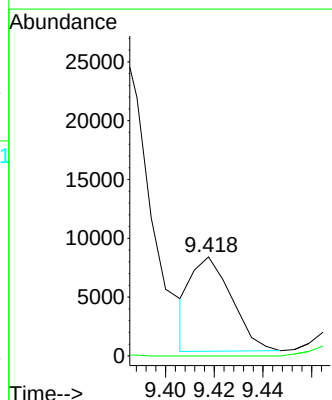
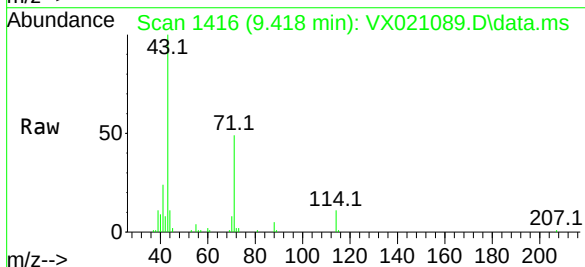
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW803-SO-030421

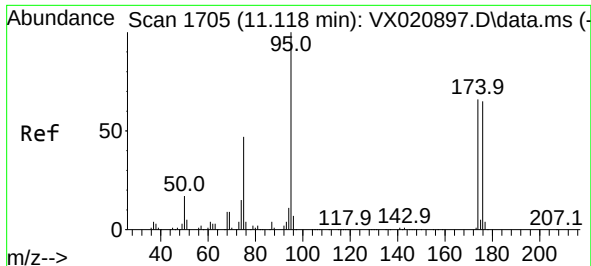
Tgt Ion: 76 Resp: 22104
Ion Ratio Lower Upper
76 100
78 0.5 26.2 39.2#



#59
2-Hexanone
Concen: 3.33 ug/l
RT: 9.418 min Scan# 1416
Delta R.T. -0.053 min
Lab File: VX021089.D
Acq: 09 Mar 2021 02:40

Tgt Ion: 43 Resp: 9223
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#

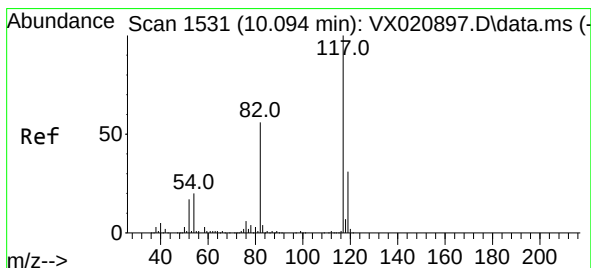
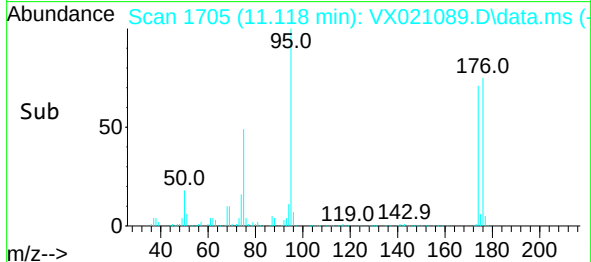
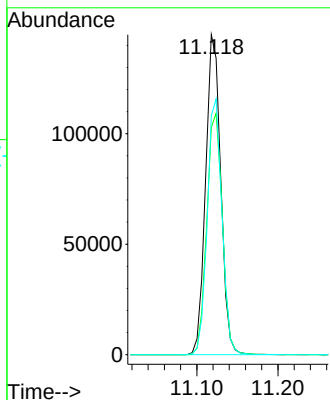
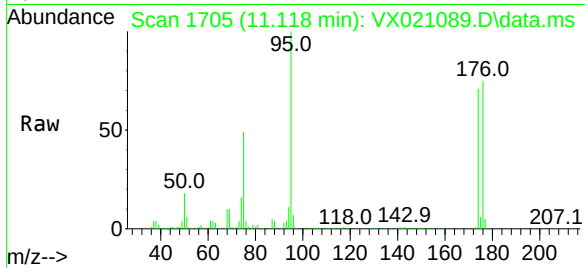




#62
4-Bromofluorobenzene
Concen: 51.69 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021089.D
Acq: 09 Mar 2021 02:40

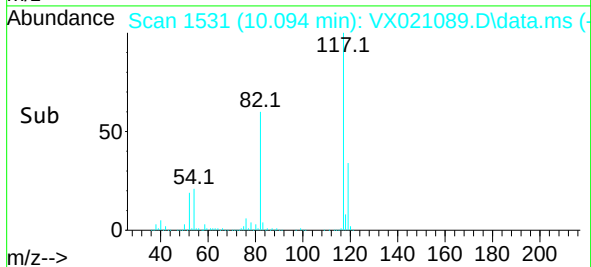
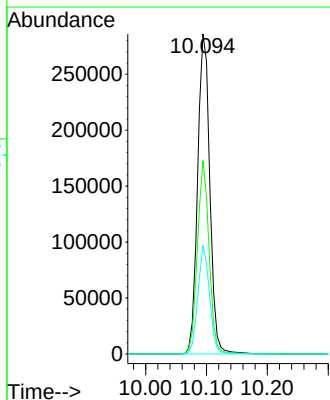
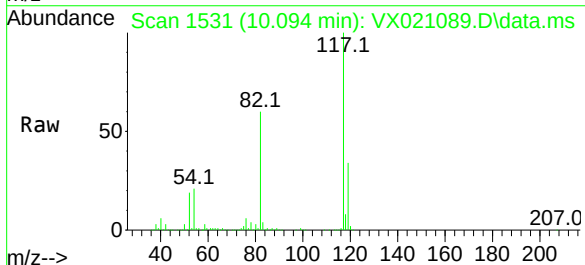
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW803-SO-030421

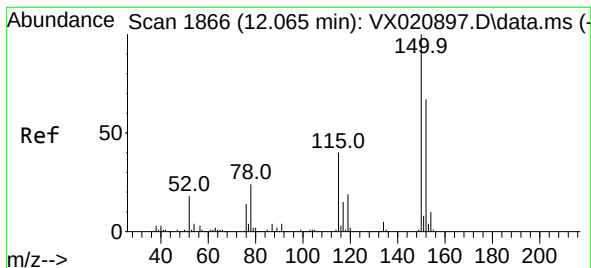
Tgt Ion: 95 Resp: 186564
Ion Ratio Lower Upper
95 100
174 77.8 0.0 154.6
176 78.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021089.D
Acq: 09 Mar 2021 02:40

Tgt Ion: 117 Resp: 398057
Ion Ratio Lower Upper
117 100
82 60.4 47.4 71.2
119 33.8 26.6 39.8

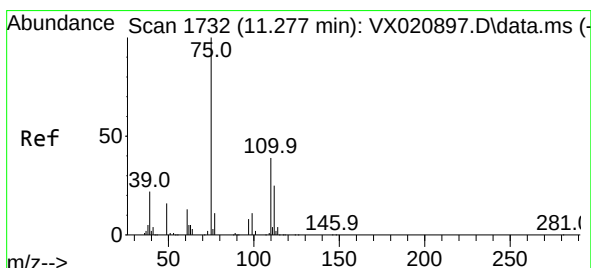
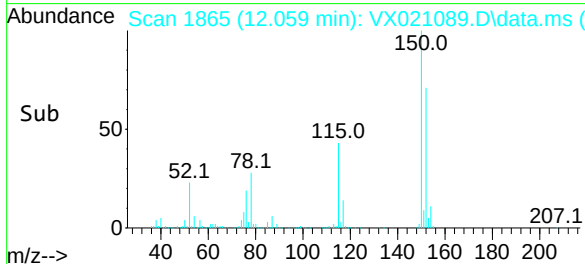
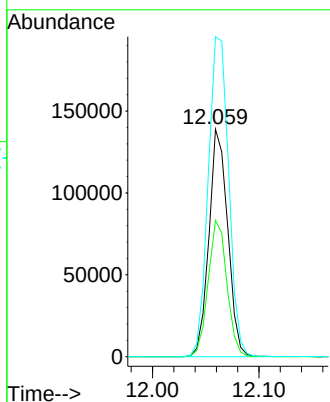
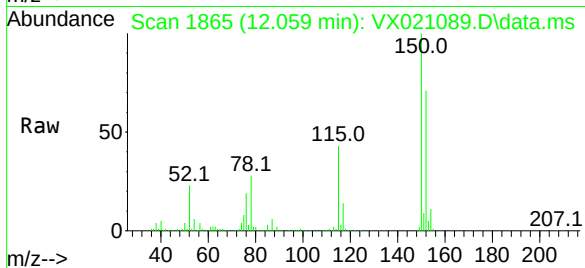




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.059 min Scan# 1865
 Delta R.T. -0.006 min
 Lab File: VX021089.D
 Acq: 09 Mar 2021 02:40

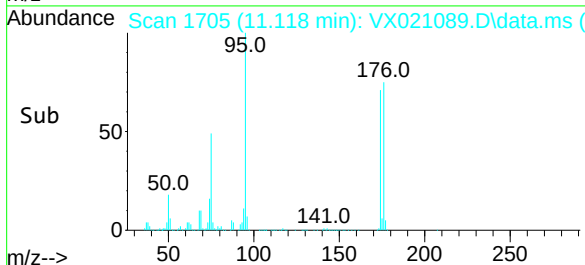
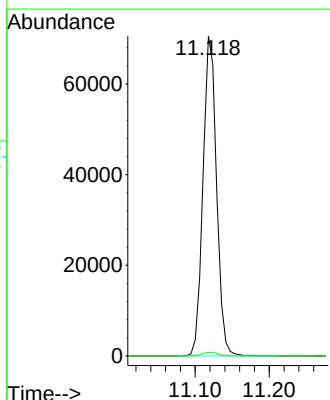
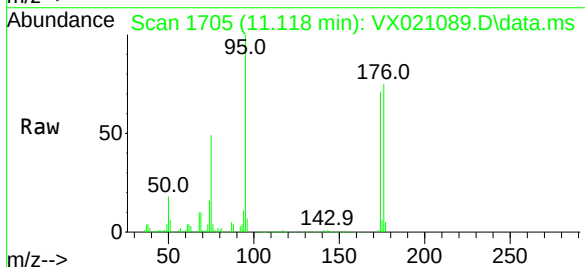
Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-GW803-SO-030421

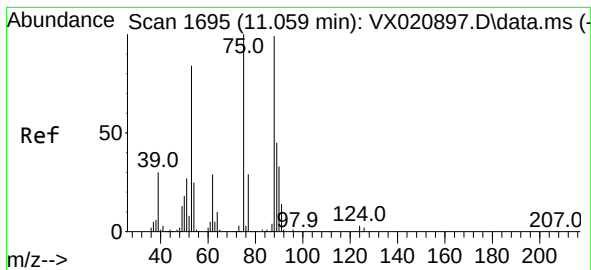
Tgt Ion:152 Resp: 170088
 Ion Ratio Lower Upper
 152 100
 115 59.8 41.1 123.3
 150 153.0 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 24.52 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. -0.159 min
 Lab File: VX021089.D
 Acq: 09 Mar 2021 02:40

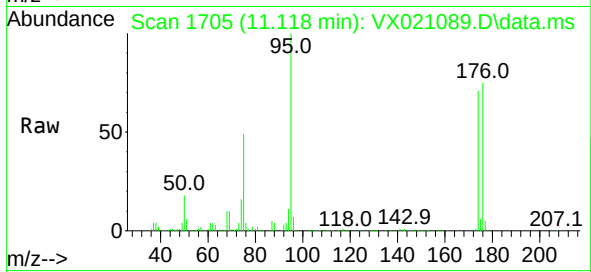
Tgt Ion: 75 Resp: 89731
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.29 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021089.D
 Acq: 09 Mar 2021 02:40

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-GW803-SO-030421



Tgt Ion: 75 Resp: 89731
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

