

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030821\
 Data File : VX021092.D
 Acq On : 09 Mar 2021 03:49
 Operator : JC/MD
 Sample : M1576-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-GW806-SO-030421

Quant Time: Mar 09 04:26:35 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)

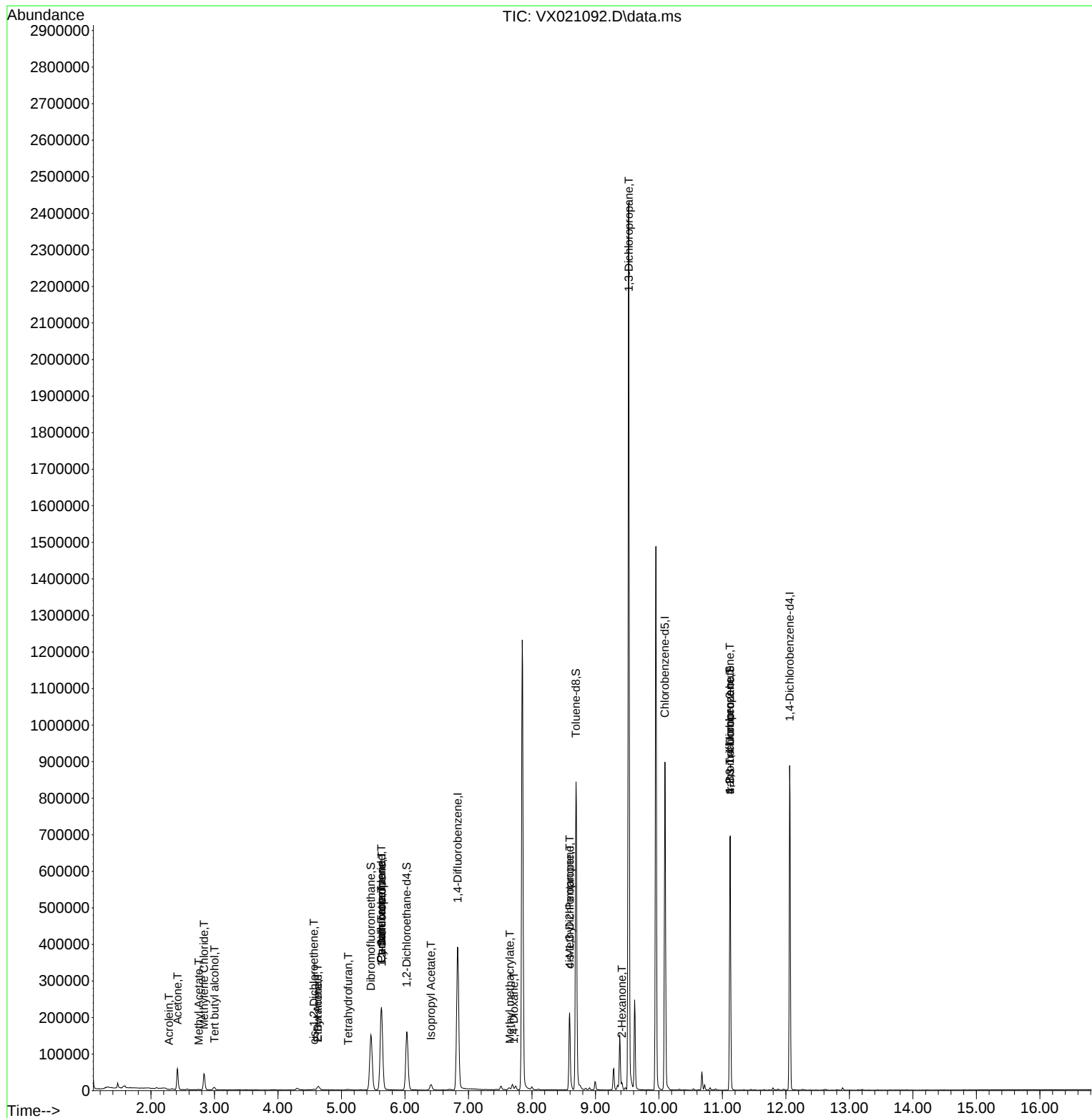
Internal Standards						
1) Pentafluorobenzene	5.629	168	221799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	415157	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	418173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	186595	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	150306	50.17	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.34%			
35) Dibromofluoromethane	5.464	113	130607	51.78	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.56%			
50) Toluene-d8	8.694	98	532080	54.10	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.20%			
62) 4-Bromofluorobenzene	11.118	95	200003	55.00	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 110.00%			
Target Compounds					Qvalue	
5) Bromomethane	1.634	94	318	Below Cal		93
11) Tert butyl alcohol	2.999	59	5243	7.86 ug/l #		85
13) Acrolein	2.281	56	265	0.64 ug/l #		22
16) Acetone	2.417	43	57374	46.48 ug/l		99
18) Methyl Acetate	2.752	43	1586	0.54 ug/l		97
20) Methylene Chloride	2.834	84	21667	7.32 ug/l		100
25) 2-Butanone	4.629	43	14050	7.49 ug/l		95
27) cis-1,2-Dichloroethene	4.564	96	1119	0.35 ug/l		98
29) Tetrahydrofuran	5.105	42	1830	1.52 ug/l #		70
31) Cyclohexane	5.629	56	4393	1.01 ug/l #		1
36) 1,1-Dichloropropene	5.635	75	17032	4.32 ug/l #		48
37) Ethyl Acetate	4.629	43	14050	3.74 ug/l #		64
38) Carbon Tetrachloride	5.629	117	21243	5.56 ug/l #		16
43) Isopropyl Acetate	6.411	43	20077	3.14 ug/l		98
48) Methyl methacrylate	7.652	41	6015	1.88 ug/l #		10
49) 1,4-Dioxane	7.717	88	143	1.91 ug/l #		24
51) 4-Methyl-2-Pentanone	8.594	43	71398	19.20 ug/l #		47
54) cis-1,3-Dichloropropene	8.594	75	36738	7.19 ug/l #		59
57) 1,3-Dichloropropane	9.523	76	21695	4.35 ug/l #		43
59) 2-Hexanone	9.417	43	9292	3.33 ug/l #		19
76) 1,2,3-Trichloropropane	11.118	75	95474	23.78 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	95474	52.66 ug/l #		12

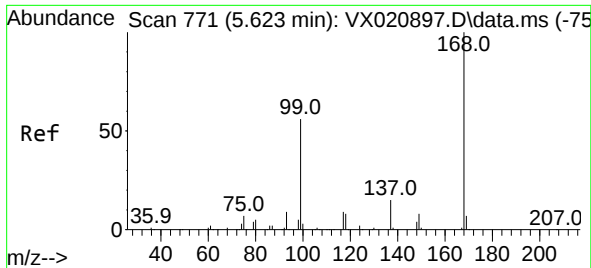
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
IDW-GW806-SO-030421

Quant Time: Mar 09 04:26:35 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

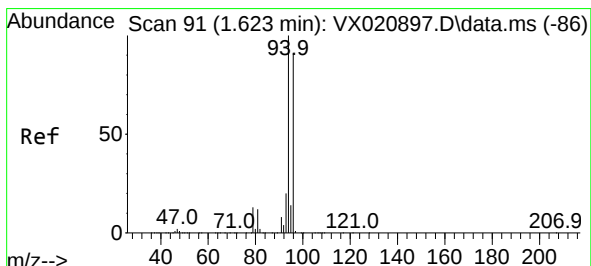
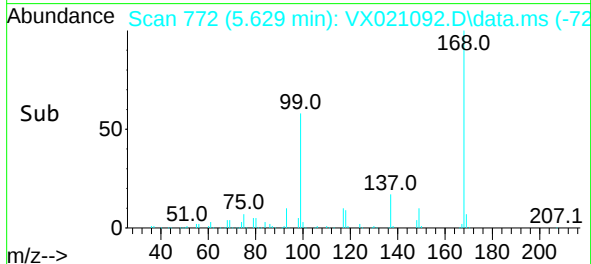
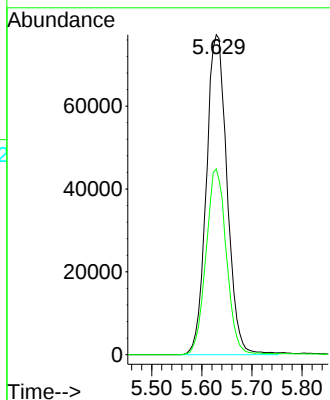
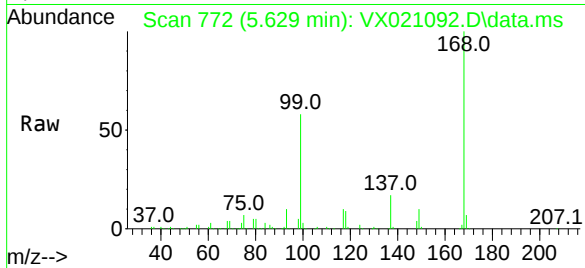




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021092.D
Acq: 09 Mar 2021 03:49

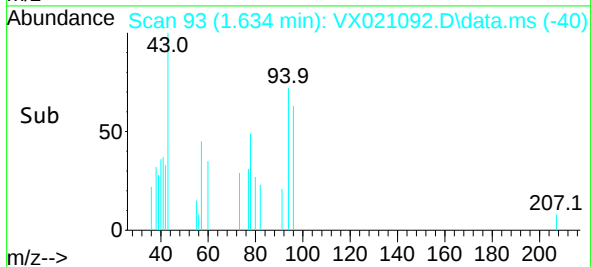
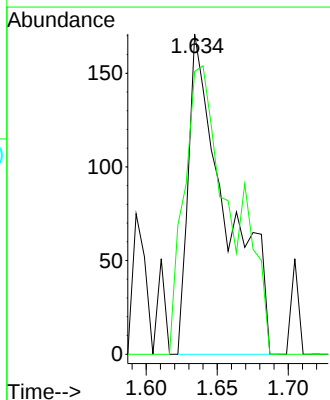
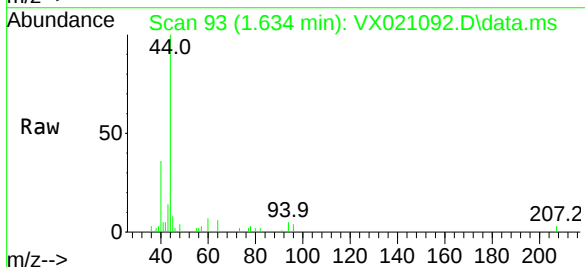
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW806-SO-030421

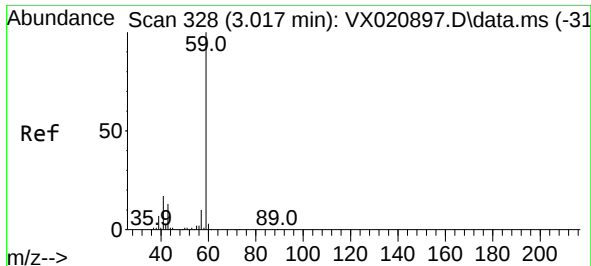
Tgt Ion:168 Resp: 221799
Ion Ratio Lower Upper
168 100
99 58.1 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX021092.D
Acq: 09 Mar 2021 03:49

Tgt Ion: 94 Resp: 318
Ion Ratio Lower Upper
94 100
96 88.3 76.4 114.6

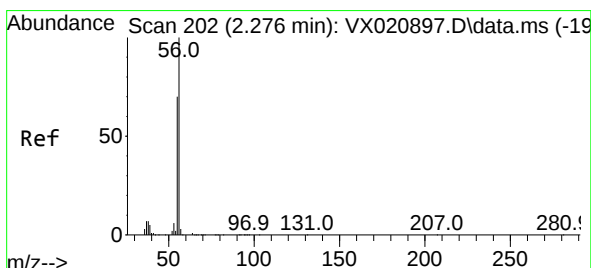
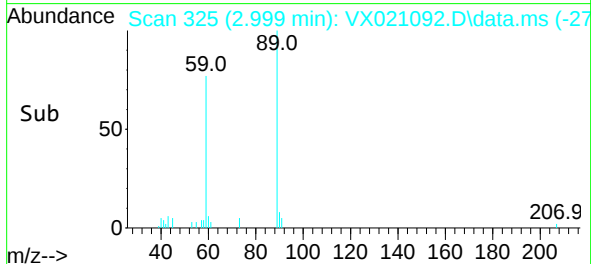
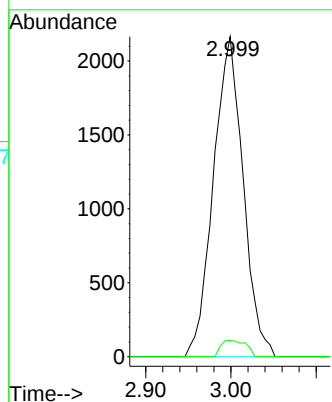
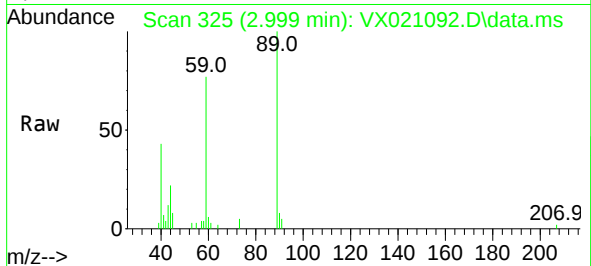




#11
Tert butyl alcohol
Concen: 7.86 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.018 min
Lab File: VX021092.D
Acq: 09 Mar 2021 03:49

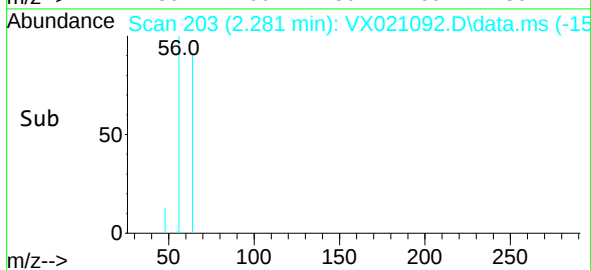
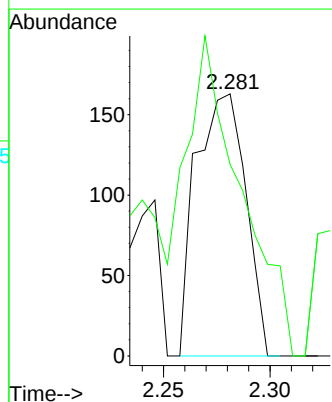
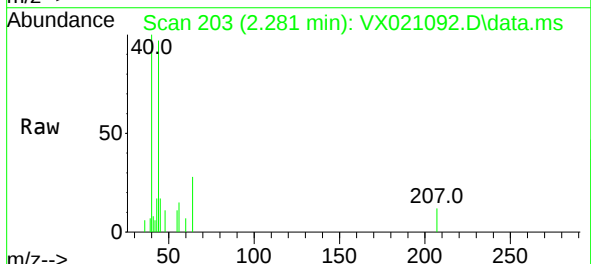
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW806-SO-030421

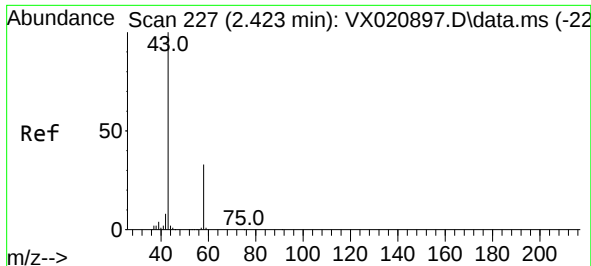
Tgt Ion: 59 Resp: 5243
Ion Ratio Lower Upper
59 100
57 4.3 7.8 11.8#



#13
Acrolein
Concen: 0.64 ug/l
RT: 2.281 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX021092.D
Acq: 09 Mar 2021 03:49

Tgt Ion: 56 Resp: 265
Ion Ratio Lower Upper
56 100
55 135.1 56.4 84.6#

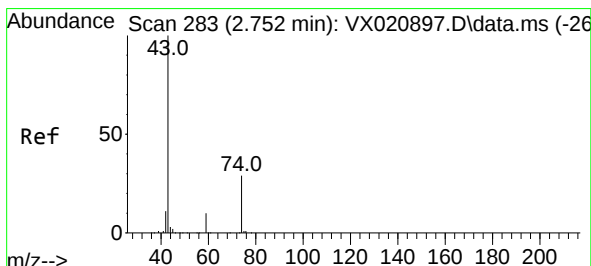
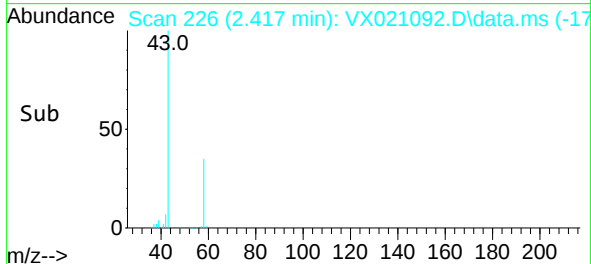
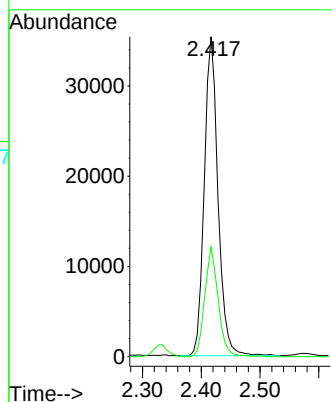
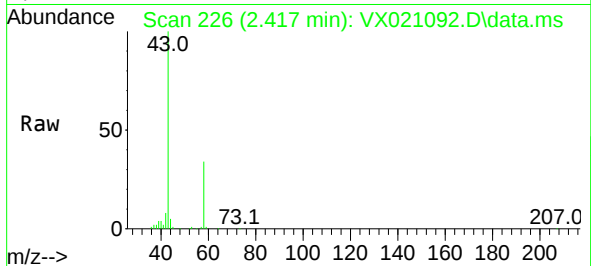




#16
Acetone
Concen: 46.48 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021092.D
Acq: 09 Mar 2021 03:49

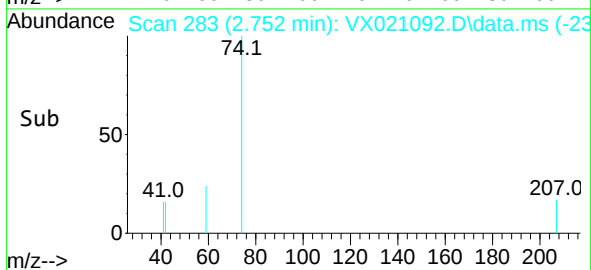
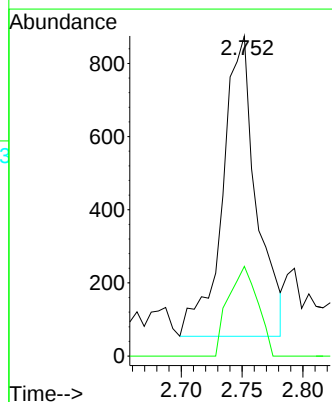
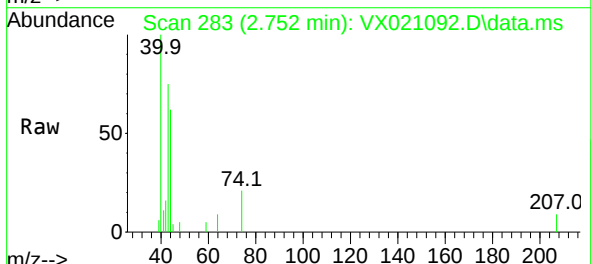
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW806-SO-030421

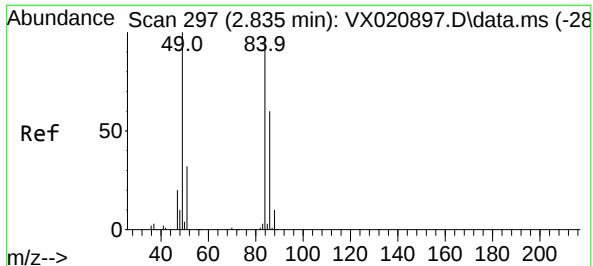
Tgt Ion: 43 Resp: 57374
Ion Ratio Lower Upper
43 100
58 34.4 27.8 41.8



#18
Methyl Acetate
Concen: 0.54 ug/l
RT: 2.752 min Scan# 283
Delta R.T. -0.000 min
Lab File: VX021092.D
Acq: 09 Mar 2021 03:49

Tgt Ion: 43 Resp: 1586
Ion Ratio Lower Upper
43 100
74 26.0 21.9 32.9





#20

Methylene Chloride

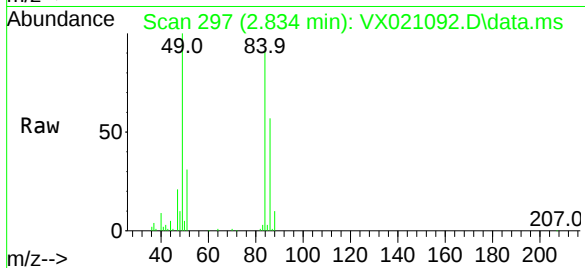
Concen: 7.32 ug/l

RT: 2.834 min Scan# 297

Delta R.T. -0.000 min

Lab File: VX021092.D

Acq: 09 Mar 2021 03:49



Tgt Ion: 84 Resp: 21667

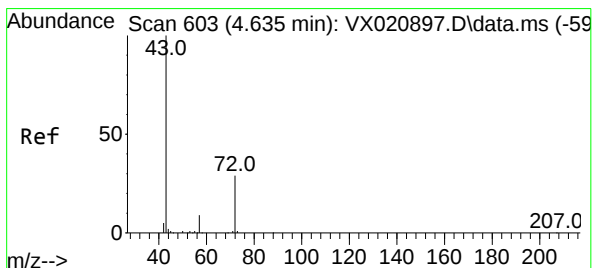
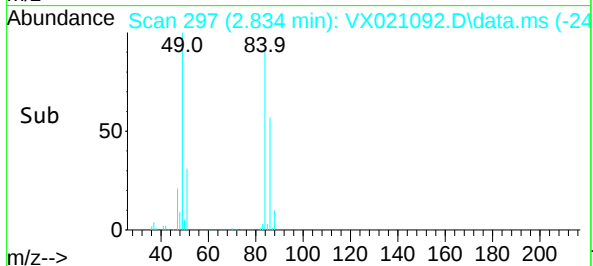
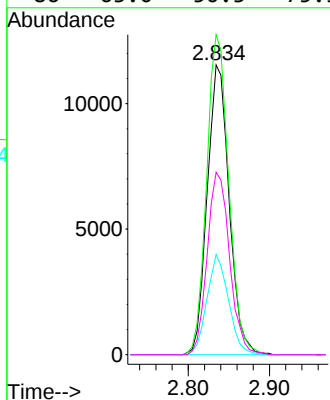
Ion Ratio Lower Upper

84 100

49 110.4 88.6 132.8

51 34.6 27.0 40.6

86 63.0 50.3 75.5



#25

2-Butanone

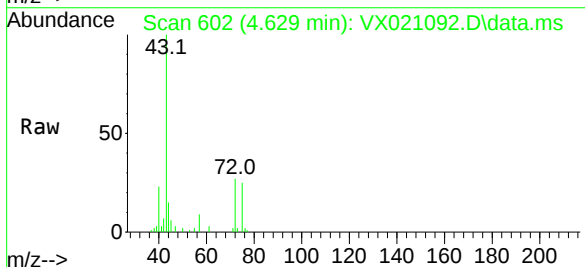
Concen: 7.49 ug/l

RT: 4.629 min Scan# 602

Delta R.T. -0.006 min

Lab File: VX021092.D

Acq: 09 Mar 2021 03:49

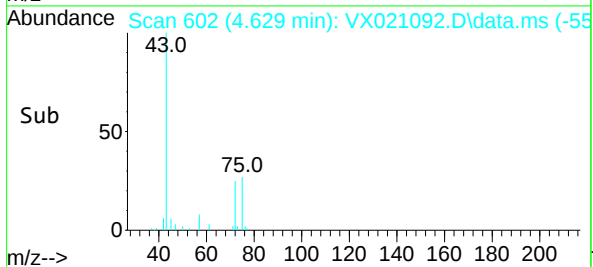
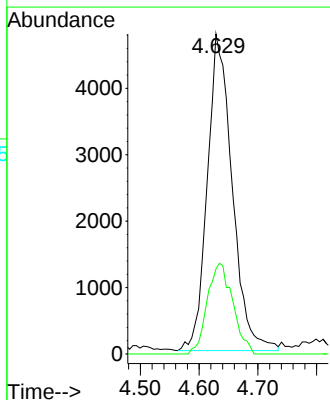


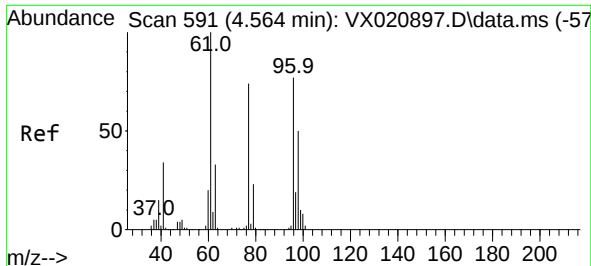
Tgt Ion: 43 Resp: 14050

Ion Ratio Lower Upper

43 100

72 26.8 23.7 35.5





#27

cis-1,2-Dichloroethene

Concen: 0.35 ug/l

RT: 4.564 min Scan# 591

Delta R.T. -0.000 min

Lab File: VX021092.D

Acq: 09 Mar 2021 03:49

Tgt Ion: 96 Resp: 1119

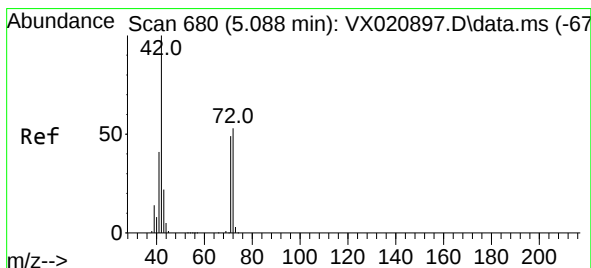
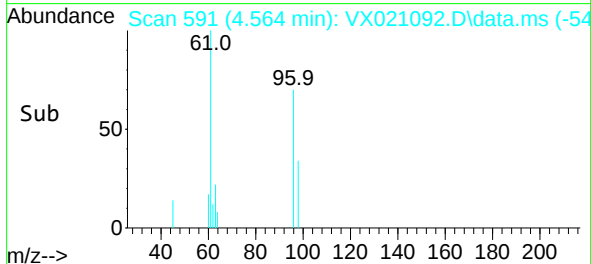
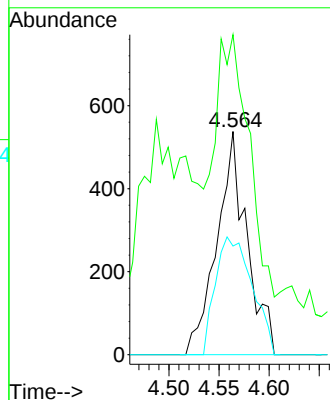
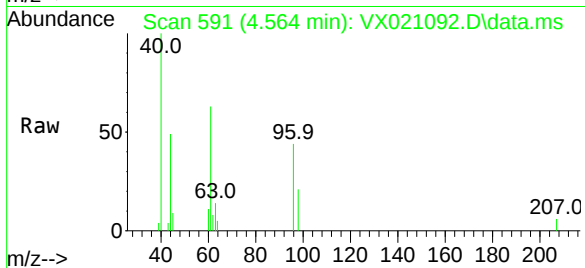
Ion	Ratio	Lower	Upper
96	100		
61	140.0	0.0	285.6
98	64.6	0.0	129.6

Instrument :

MSVOA_X

ClientSampleId :

IDW-GW806-SO-030421



#29

Tetrahydrofuran

Concen: 1.52 ug/l

RT: 5.105 min Scan# 683

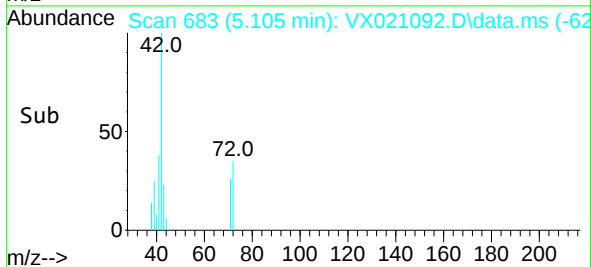
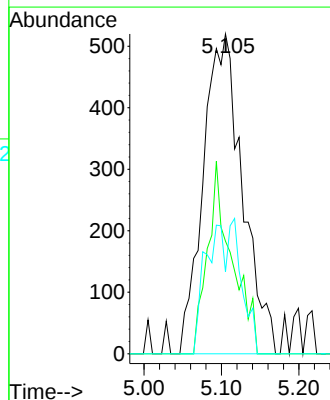
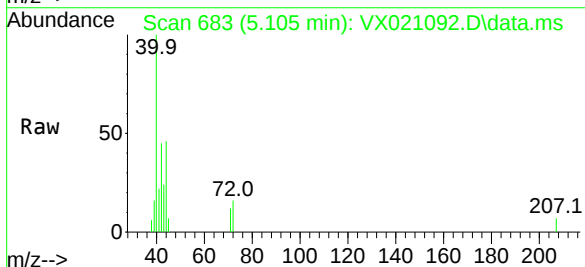
Delta R.T. 0.017 min

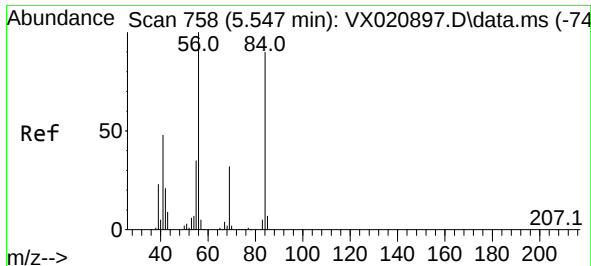
Lab File: VX021092.D

Acq: 09 Mar 2021 03:49

Tgt Ion: 42 Resp: 1830

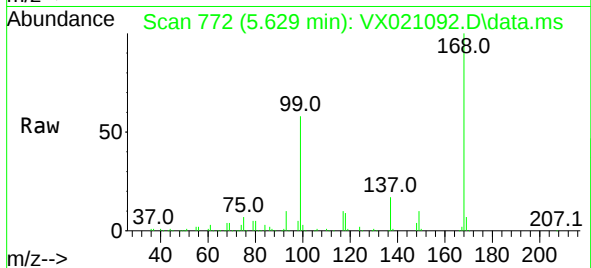
Ion	Ratio	Lower	Upper
42	100		
72	37.2	41.7	62.5#
71	21.0	38.4	57.6#



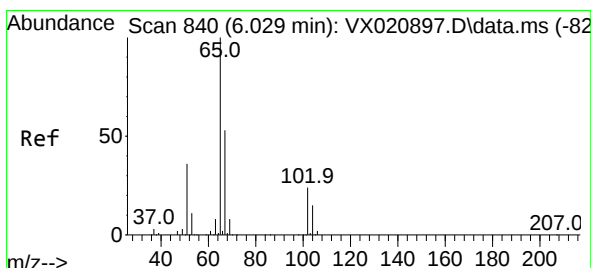
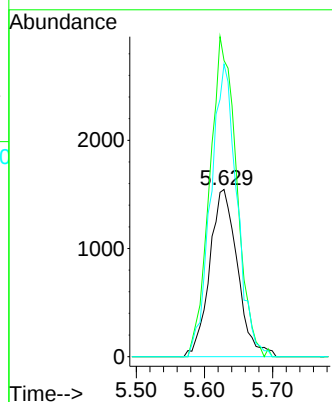
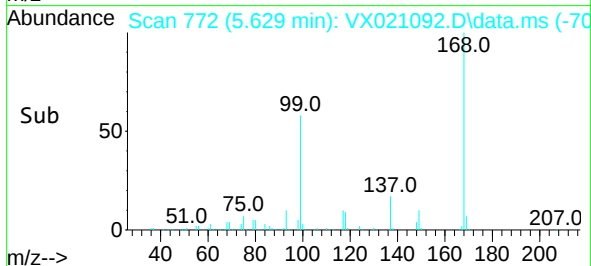


#31
Cyclohexane
Concen: 1.01 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021092.D
Acq: 09 Mar 2021 03:49

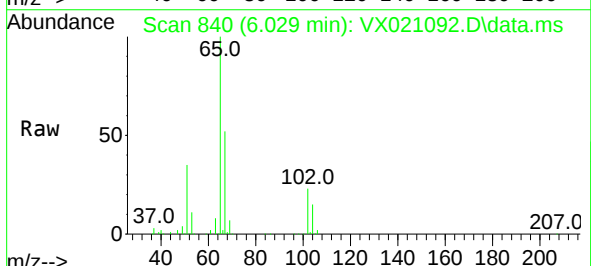
Instrument :
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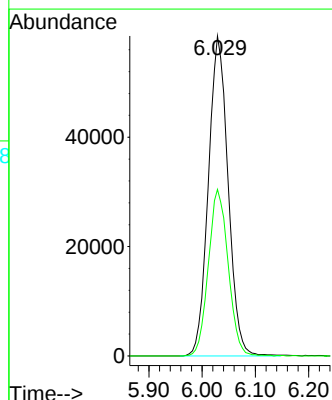
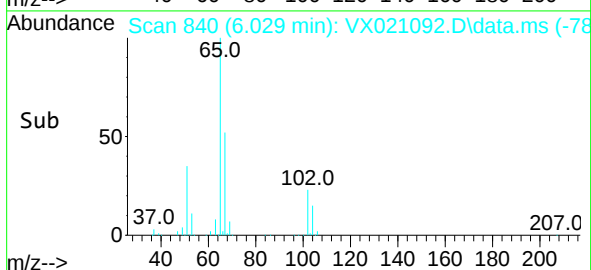
Tgt Ion: 56 Resp: 4393
Ion Ratio Lower Upper
56 100
69 177.2 25.3 37.9#
84 175.0 71.4 107.0#

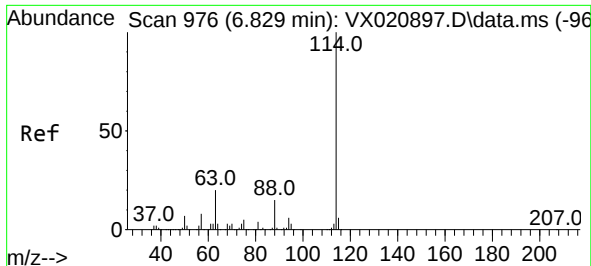


#33
1,2-Dichloroethane-d4
Concen: 50.17 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021092.D
Acq: 09 Mar 2021 03:49



Tgt Ion: 65 Resp: 150306
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4

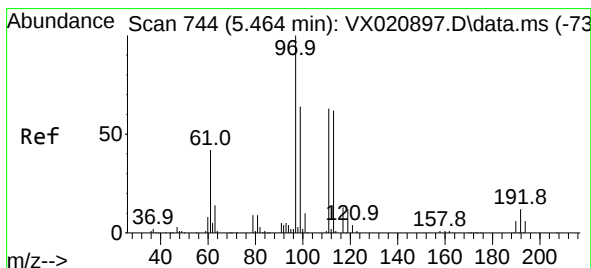
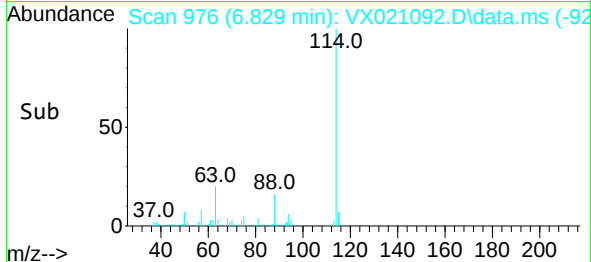
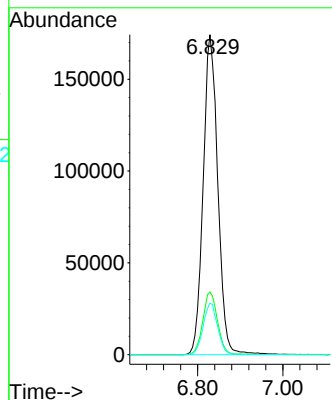
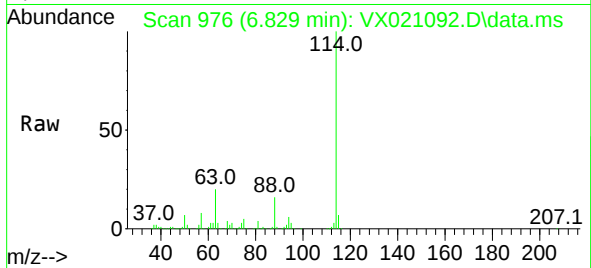




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021092.D
Acq: 09 Mar 2021 03:49

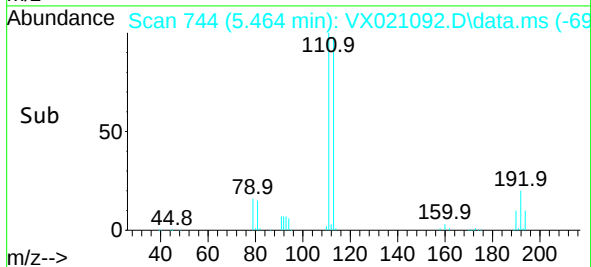
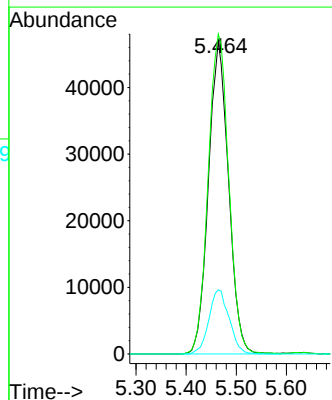
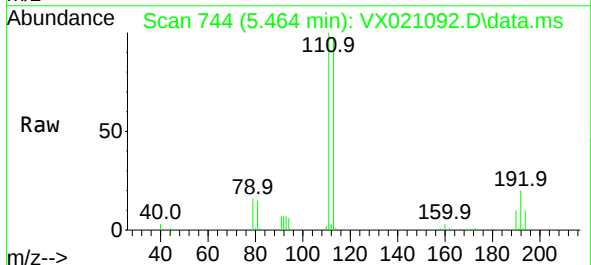
Instrument :
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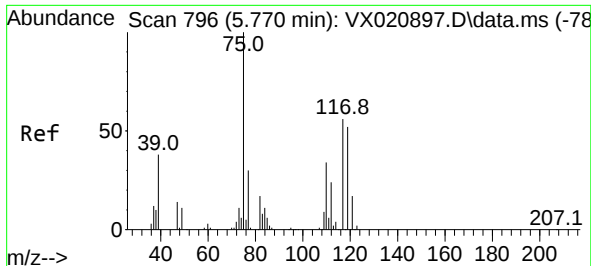
Tgt Ion:114 Resp: 415157
Ion Ratio Lower Upper
114 100
63 19.6 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.78 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021092.D
Acq: 09 Mar 2021 03:49

Tgt Ion:113 Resp: 130607
Ion Ratio Lower Upper
113 100
111 105.1 81.9 122.9
192 20.7 16.7 25.1

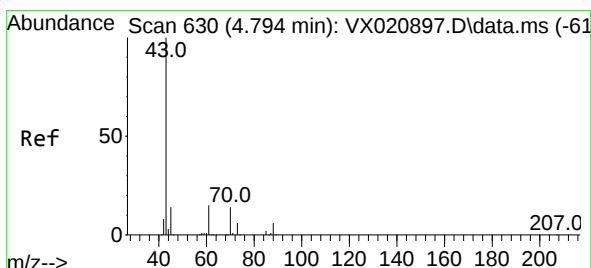
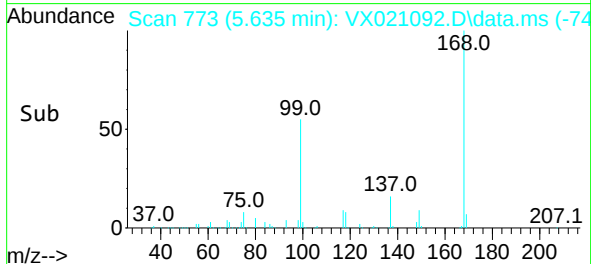
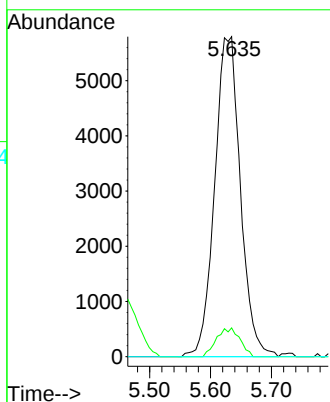
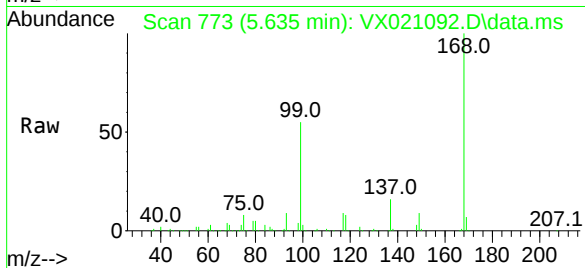




#36
1,1-Dichloropropene
Concen: 4.32 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.136 min
Lab File: VX021092.D
Acq: 09 Mar 2021 03:49

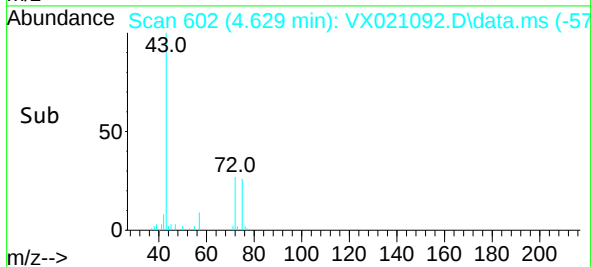
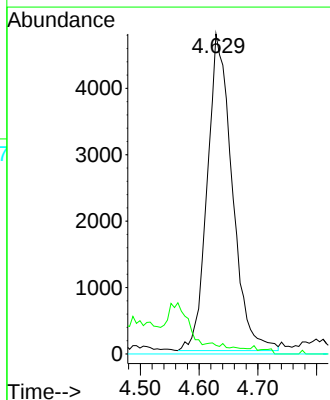
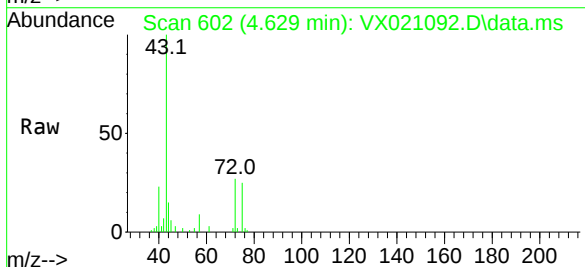
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW806-SO-030421

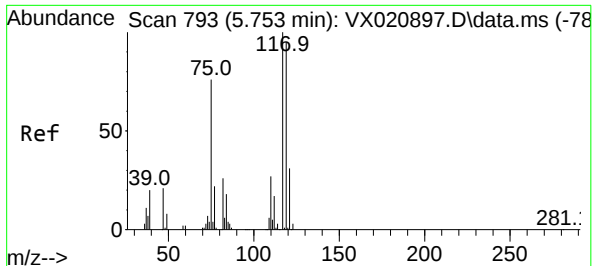
Tgt Ion: 75 Resp: 17032
Ion Ratio Lower Upper
75 100
110 8.2 18.1 54.4#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 3.74 ug/l
RT: 4.629 min Scan# 602
Delta R.T. -0.165 min
Lab File: VX021092.D
Acq: 09 Mar 2021 03:49

Tgt Ion: 43 Resp: 14050
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 10.5 15.7#

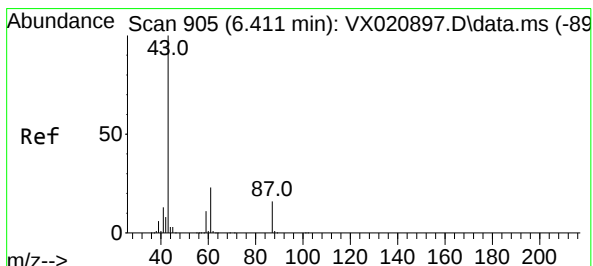
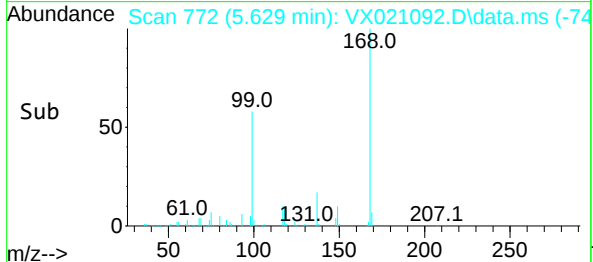
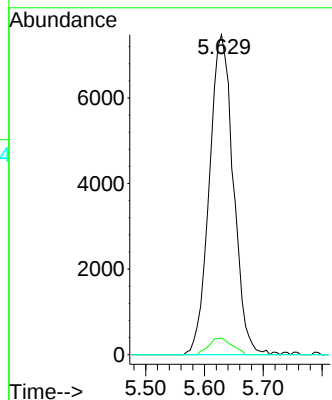
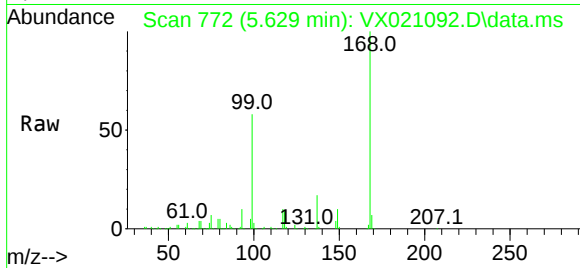




#38
Carbon Tetrachloride
Concen: 5.56 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX021092.D
Acq: 09 Mar 2021 03:49

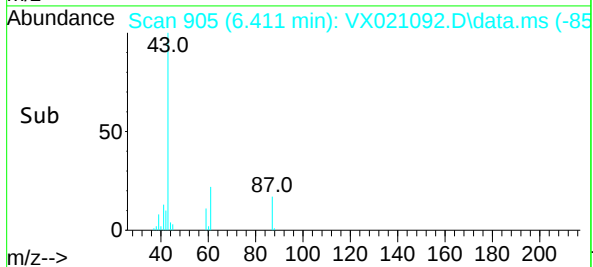
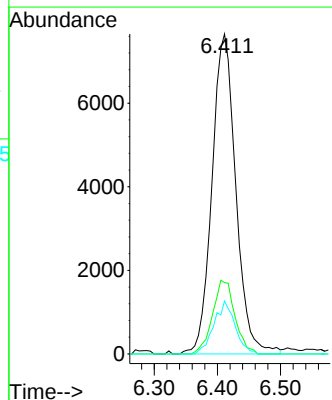
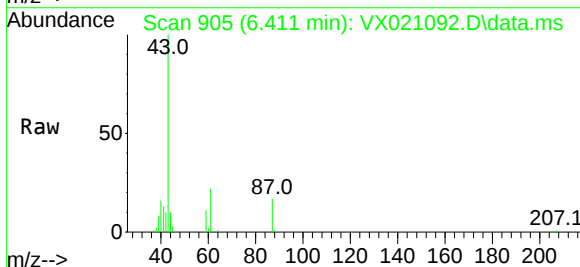
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW806-SO-030421

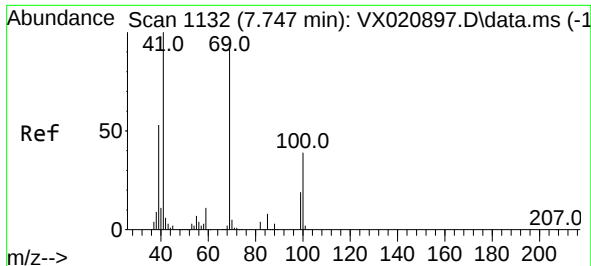
Tgt Ion:117 Resp: 21243
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 3.14 ug/l
RT: 6.411 min Scan# 905
Delta R.T. -0.000 min
Lab File: VX021092.D
Acq: 09 Mar 2021 03:49

Tgt Ion: 43 Resp: 20077
Ion Ratio Lower Upper
43 100
61 21.6 18.2 27.4
87 14.6 12.5 18.7





#48

Methyl methacrylate

Concen: 1.88 ug/l

RT: 7.652 min Scan# 1116

Delta R.T. -0.094 min

Lab File: VX021092.D

Acq: 09 Mar 2021 03:49

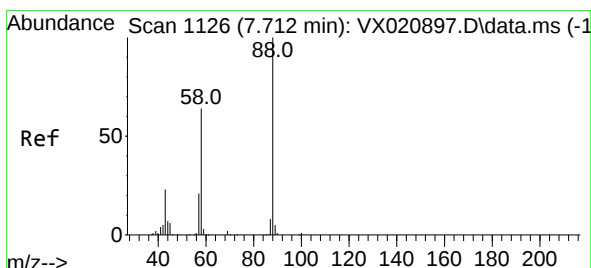
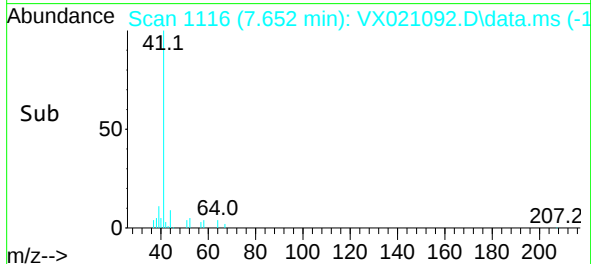
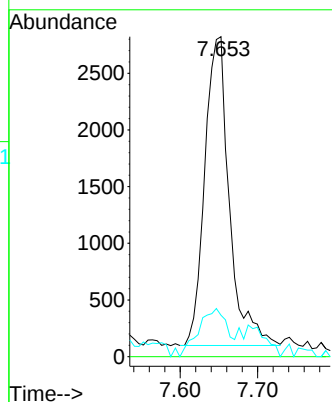
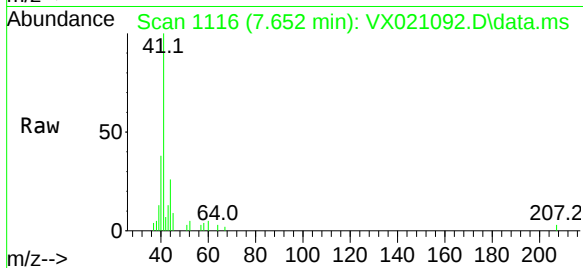
Instrument :

MSVOA_X

ClientSampleId :

IDW-GW806-SO-030421

Tgt Ion:	41	Resp:	6015
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: 1.91 ug/l

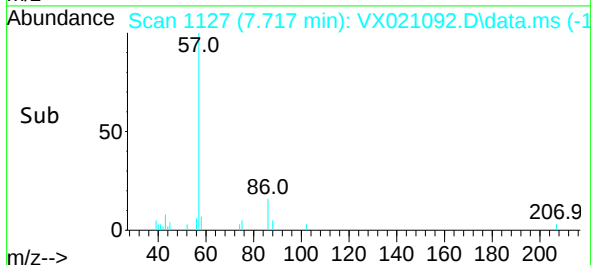
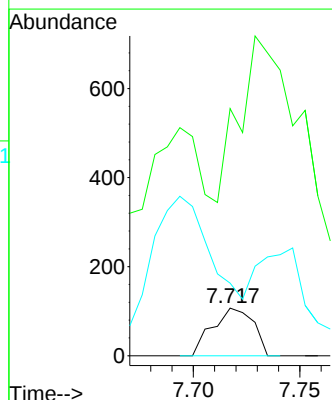
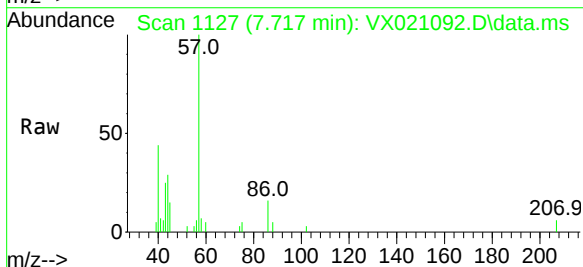
RT: 7.717 min Scan# 1127

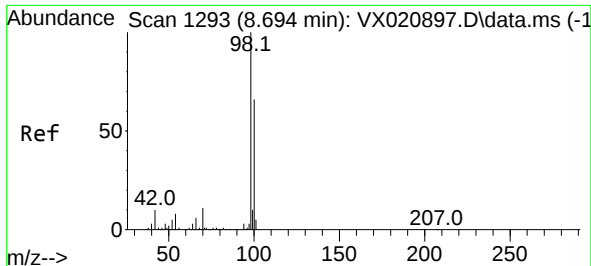
Delta R.T. 0.006 min

Lab File: VX021092.D

Acq: 09 Mar 2021 03:49

Tgt Ion:	88	Resp:	143
Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.2	34.8#
58	0.0	55.0	82.4#

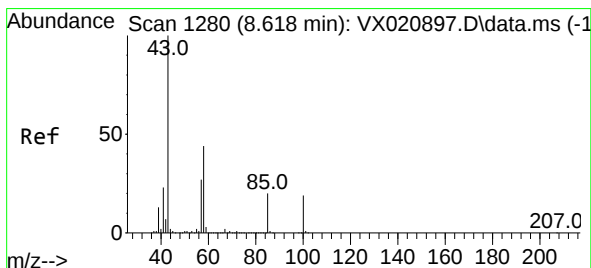
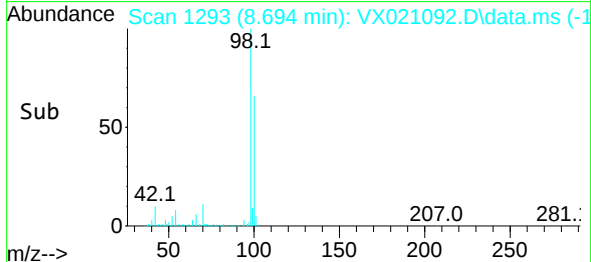
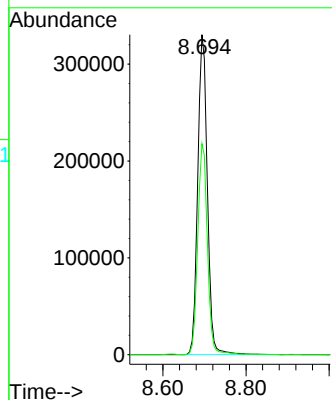
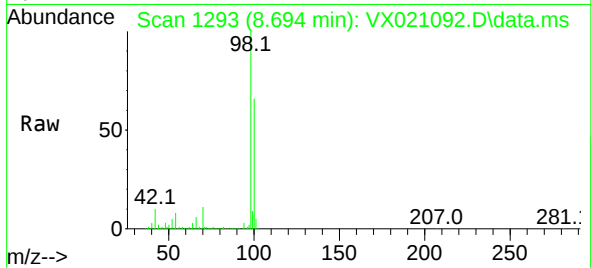




#50
Toluene-d8
Concen: 54.10 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021092.D
Acq: 09 Mar 2021 03:49

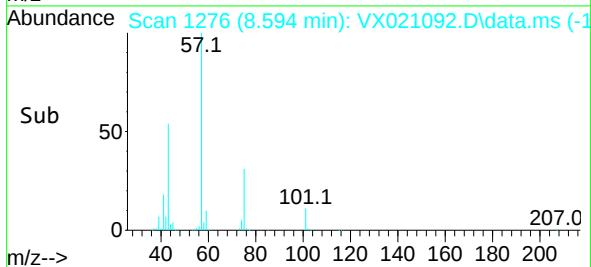
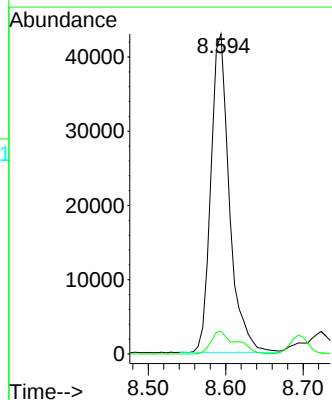
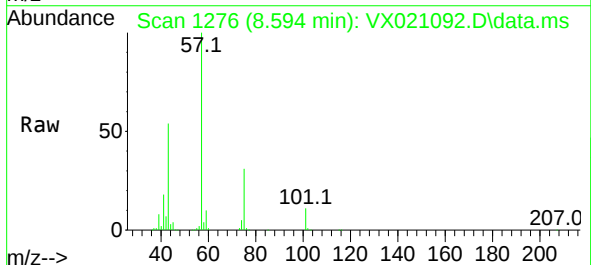
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW806-SO-030421

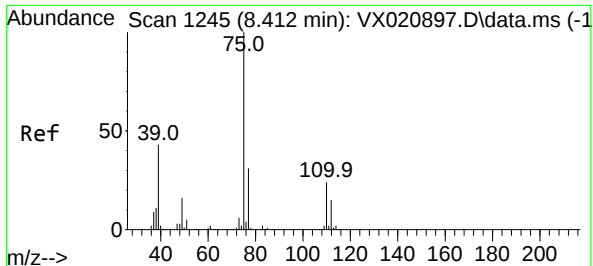
Tgt Ion: 98 Resp: 532080
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 19.20 ug/l
RT: 8.594 min Scan# 1276
Delta R.T. -0.024 min
Lab File: VX021092.D
Acq: 09 Mar 2021 03:49

Tgt Ion: 43 Resp: 71398
Ion Ratio Lower Upper
43 100
58 9.8 35.4 53.0#

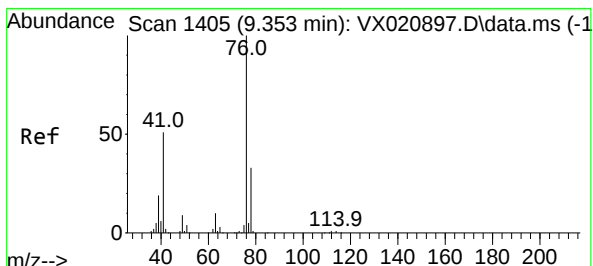
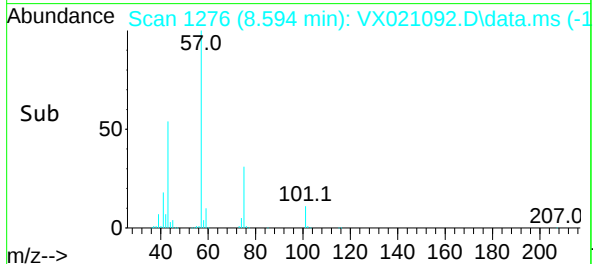
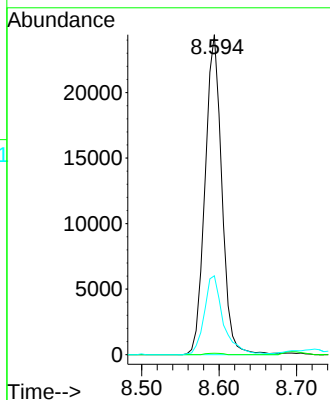
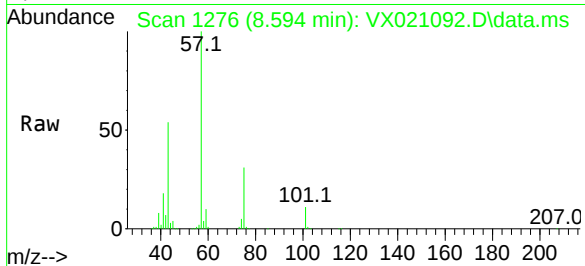




#54
 cis-1,3-Dichloropropene
 Concen: 7.19 ug/l
 RT: 8.594 min Scan# 1276
 Delta R.T. 0.182 min
 Lab File: VX021092.D
 Acq: 09 Mar 2021 03:49

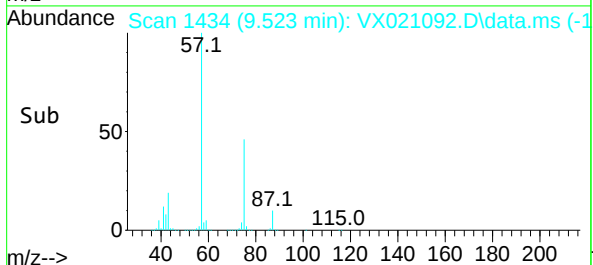
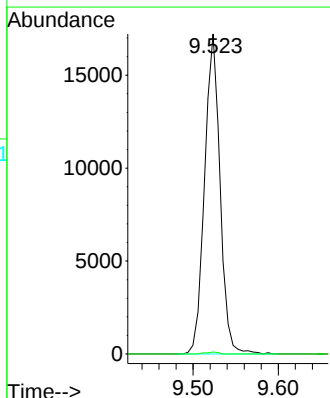
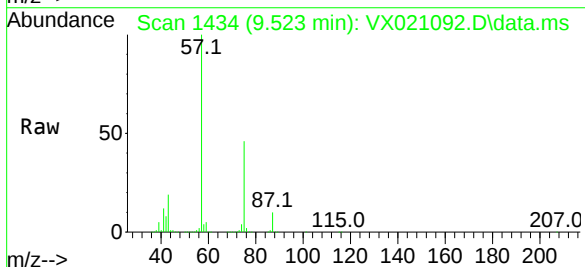
Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-GW806-SO-030421

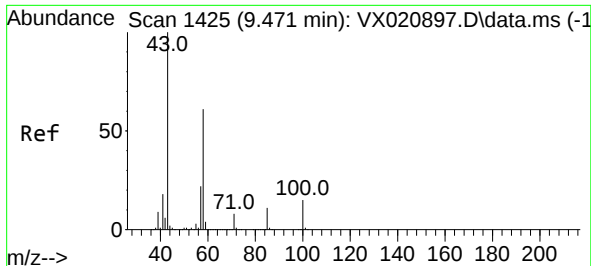
Tgt Ion: 75 Resp: 36738
 Ion Ratio Lower Upper
 75 100
 77 0.4 25.7 38.5#
 39 24.7 35.1 52.7#



#57
 1,3-Dichloropropane
 Concen: 4.35 ug/l
 RT: 9.523 min Scan# 1434
 Delta R.T. 0.170 min
 Lab File: VX021092.D
 Acq: 09 Mar 2021 03:49

Tgt Ion: 76 Resp: 21695
 Ion Ratio Lower Upper
 76 100
 78 0.5 26.2 39.2#

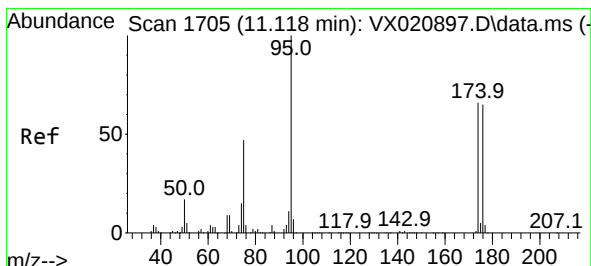
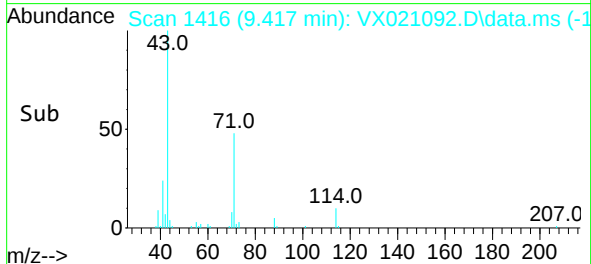
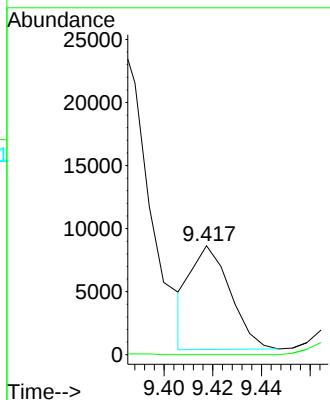
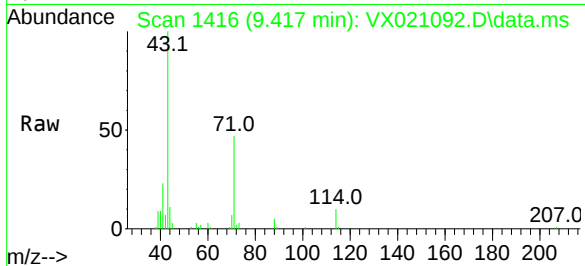




#59
2-Hexanone
Concen: 3.33 ug/l
RT: 9.417 min Scan# 1416
Delta R.T. -0.053 min
Lab File: VX021092.D
Acq: 09 Mar 2021 03:49

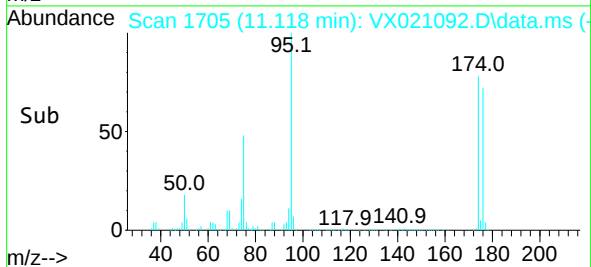
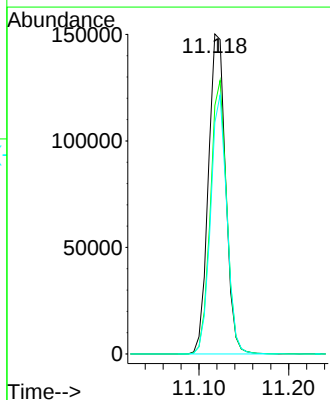
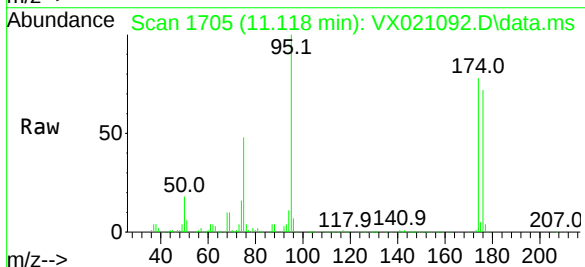
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW806-SO-030421

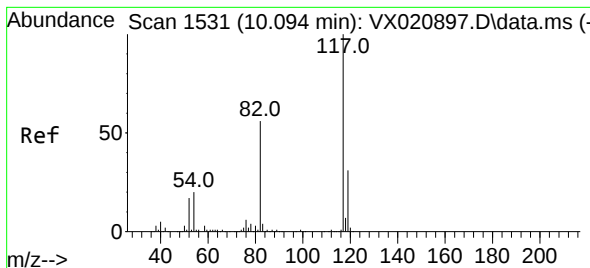
Tgt Ion: 43 Resp: 9292
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 55.00 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021092.D
Acq: 09 Mar 2021 03:49

Tgt Ion: 95 Resp: 200003
Ion Ratio Lower Upper
95 100
174 81.2 0.0 154.6
176 76.8 0.0 155.8

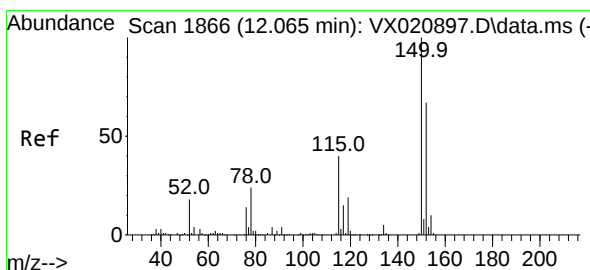
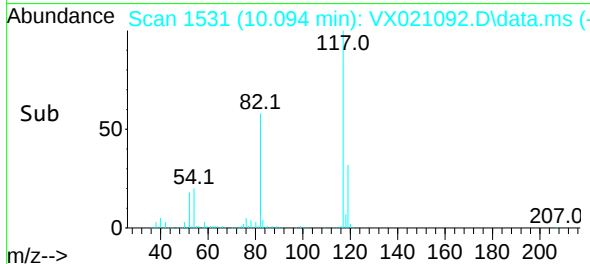
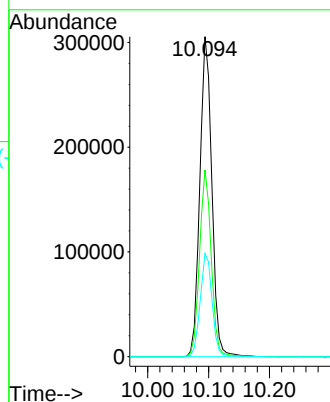
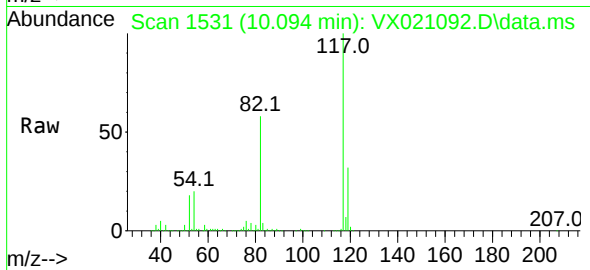




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021092.D
Acq: 09 Mar 2021 03:49

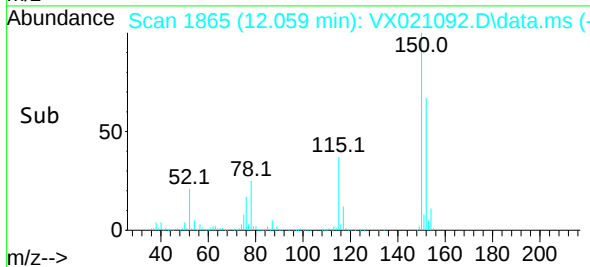
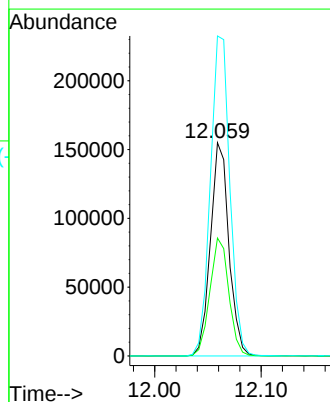
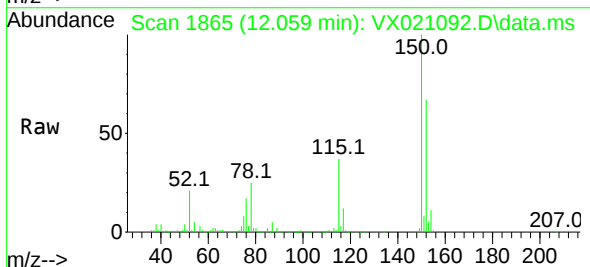
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW806-SO-030421

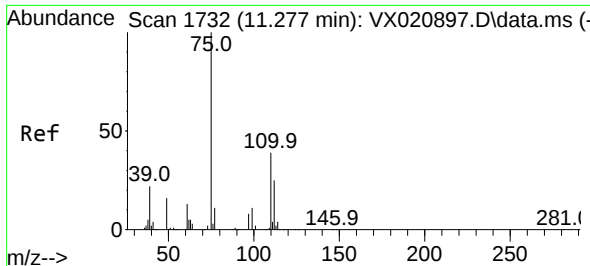
Tgt Ion:117 Resp: 418173
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.2
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021092.D
Acq: 09 Mar 2021 03:49

Tgt Ion:152 Resp: 186595
Ion Ratio Lower Upper
152 100
115 56.6 41.1 123.3
150 158.3 0.0 349.0

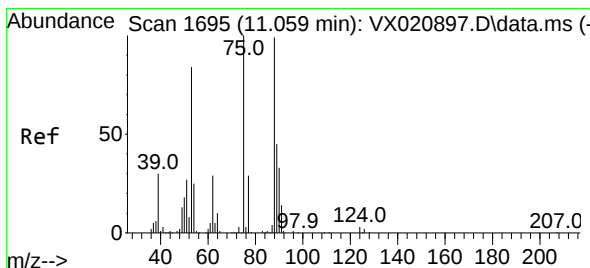
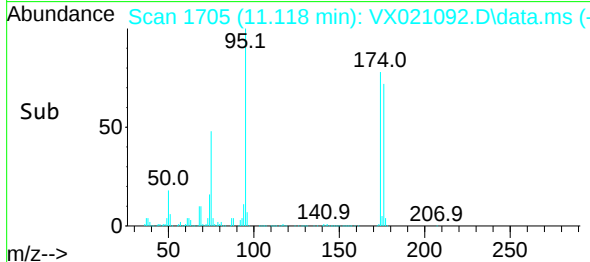
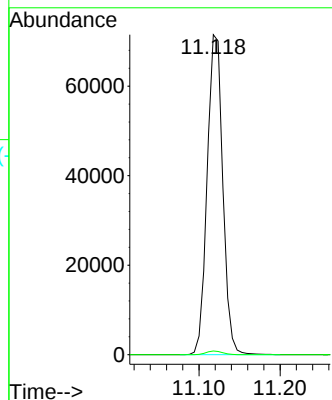
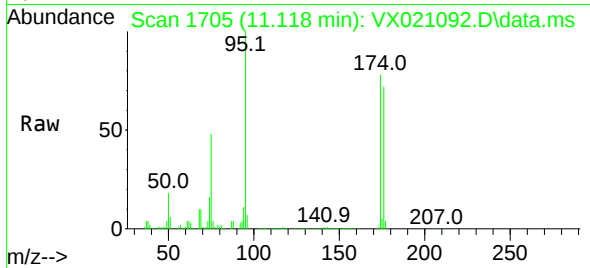




#76
1,2,3-Trichloropropane
Concen: 23.78 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021092.D
Acq: 09 Mar 2021 03:49

Instrument :
MSVOA_X
ClientSampleId :
IDW-GW806-SO-030421

Tgt Ion: 75 Resp: 95474
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 52.66 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021092.D
Acq: 09 Mar 2021 03:49

Tgt Ion: 75 Resp: 95474
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

