

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030821\
 Data File : VX021091.D
 Acq On : 09 Mar 2021 03:26
 Operator : JC/MD
 Sample : M1576-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-GW805-SO-030421

Quant Time: Mar 09 04:26:14 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)

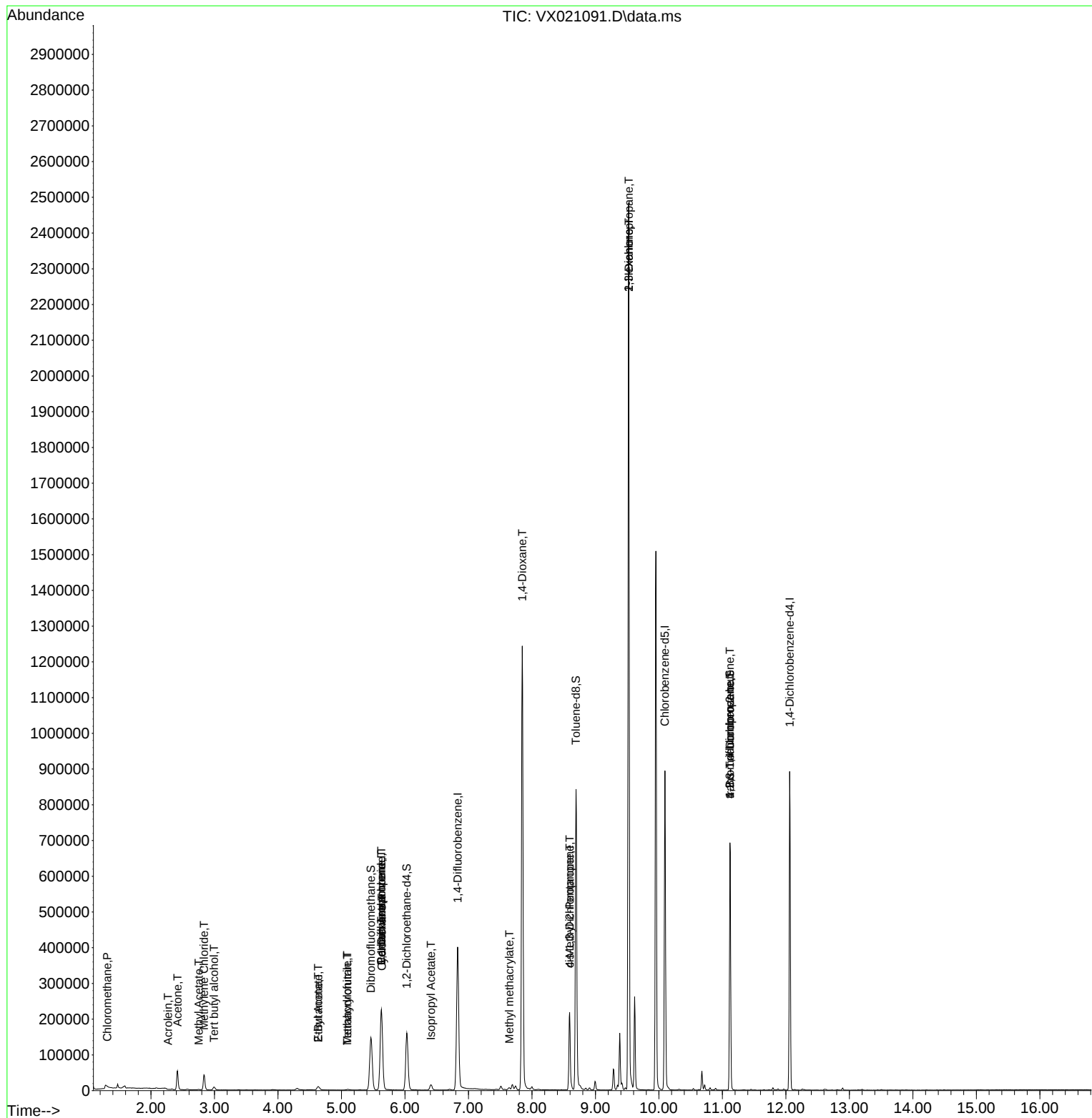
Internal Standards						
1) Pentafluorobenzene	5.629	168	218236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	411171	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	410955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	187232	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	151115	51.26	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.52%			
35) Dibromofluoromethane	5.464	113	132195	52.92	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.84%			
50) Toluene-d8	8.694	98	525698	53.97	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.94%			
62) 4-Bromofluorobenzene	11.118	95	198707	55.17	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 110.34%			
Target Compounds						Qvalue
3) Chloromethane	1.311	50	757	0.29	ug/l #	76
5) Bromomethane	1.640	94	310	Below Cal	#	77
11) Tert butyl alcohol	2.993	59	5704	8.69	ug/l #	82
13) Acrolein	2.270	56	85	0.21	ug/l #	14
16) Acetone	2.417	43	55154	45.41	ug/l	99
18) Methyl Acetate	2.752	43	1472	0.51	ug/l	100
20) Methylene Chloride	2.835	84	20881	7.17	ug/l	96
25) 2-Butanone	4.635	43	13883	7.52	ug/l	98
29) Tetrahydrofuran	5.094	42	817	0.69	ug/l #	47
31) Cyclohexane	5.635	56	4414	1.03	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	16967	4.34	ug/l #	48
37) Ethyl Acetate	4.635	43	13883	3.73	ug/l #	64
38) Carbon Tetrachloride	5.629	117	20972	5.54	ug/l #	16
41) Methacrylonitrile	5.094	41	1142	0.55	ug/l #	39
43) Isopropyl Acetate	6.411	43	20147	3.19	ug/l	99
48) Methyl methacrylate	7.647	41	6095	1.92	ug/l #	10
49) 1,4-Dioxane	7.847	88	205	2.77	ug/l #	1
51) 4-Methyl-2-Pentanone	8.594	43	72335	19.64	ug/l #	48
54) cis-1,3-Dichloropropene	8.594	75	38125	7.54	ug/l #	58
57) 1,3-Dichloropropane	9.524	76	22659	4.58	ug/l #	43
59) 2-Hexanone	9.524	43	270137	97.78	ug/l #	46
76) 1,2,3-Trichloropropane	11.118	75	93576	23.23	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	93576	51.44	ug/l #	12

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030821\
Data File : VX021091.D
Acq On : 09 Mar 2021 03:26
Operator : JC/MD
Sample : M1576-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IDW-GW805-SO-030421

Quant Time: Mar 09 04:26:14 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

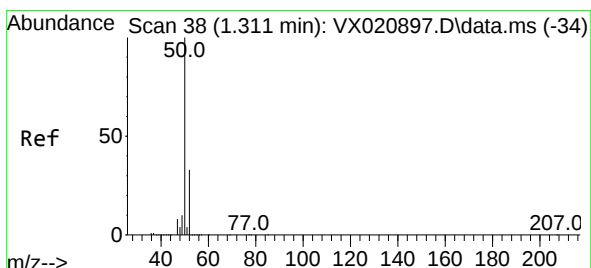
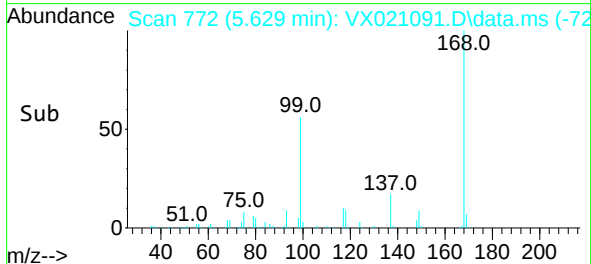
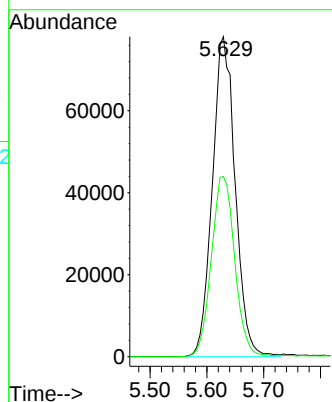
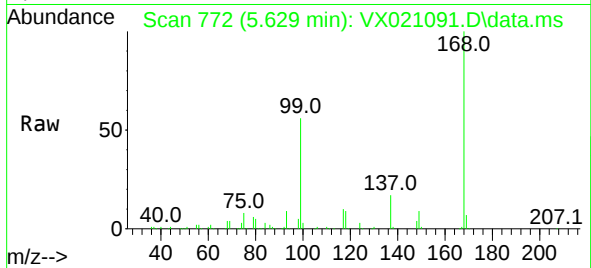




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021091.D
Acq: 09 Mar 2021 03:26

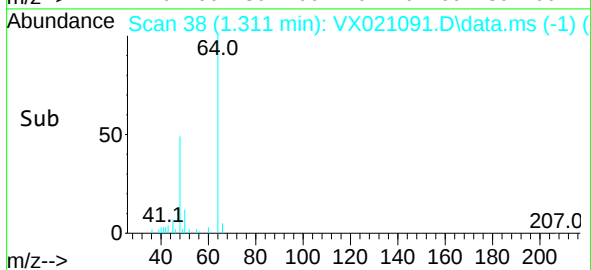
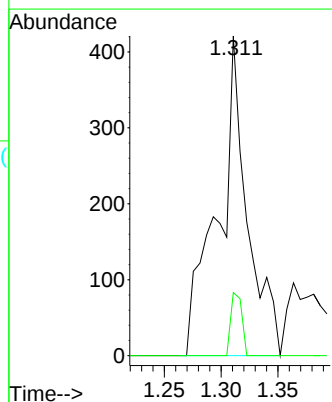
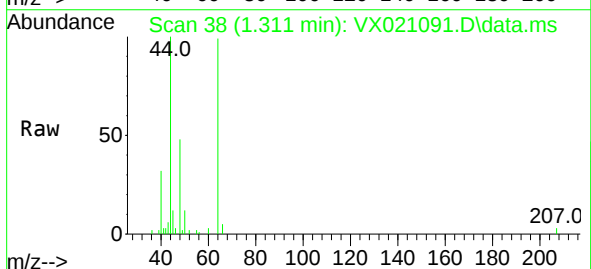
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW805-SO-030421

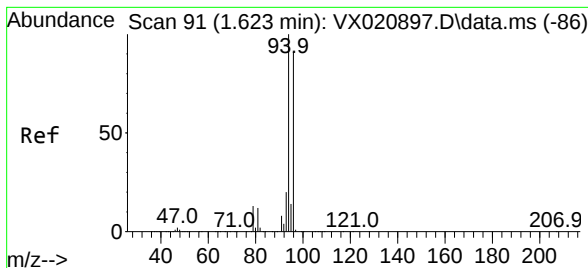
Tgt Ion:168 Resp: 218236
Ion Ratio Lower Upper
168 100
99 56.3 45.8 68.6



#3
Chloromethane
Concen: 0.29 ug/l
RT: 1.311 min Scan# 38
Delta R.T. 0.000 min
Lab File: VX021091.D
Acq: 09 Mar 2021 03:26

Tgt Ion: 50 Resp: 757
Ion Ratio Lower Upper
50 100
52 19.7 26.4 39.6#

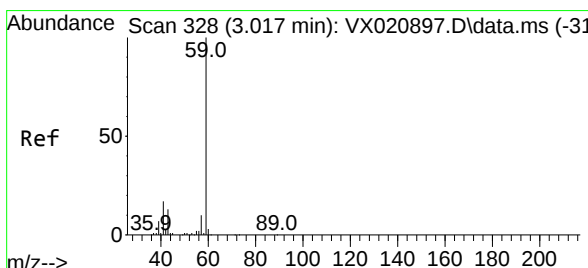
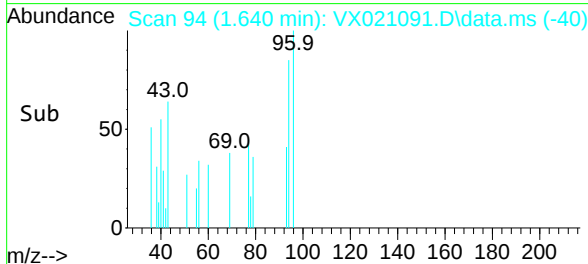
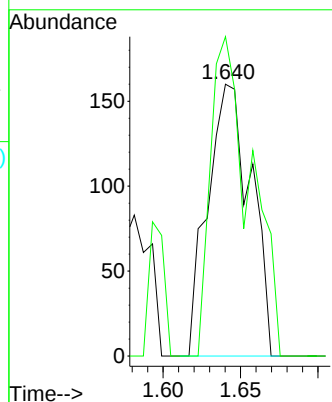
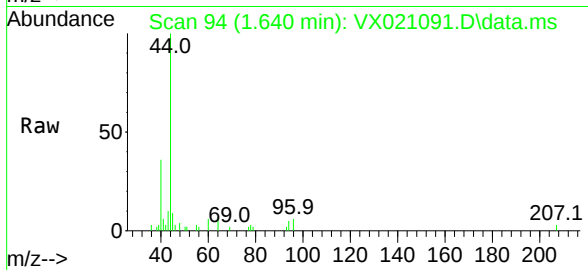




#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021091.D
Acq: 09 Mar 2021 03:26

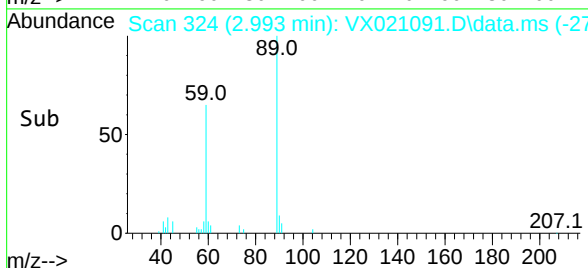
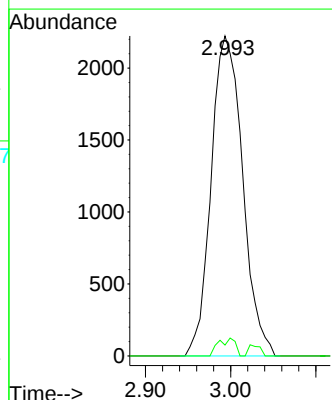
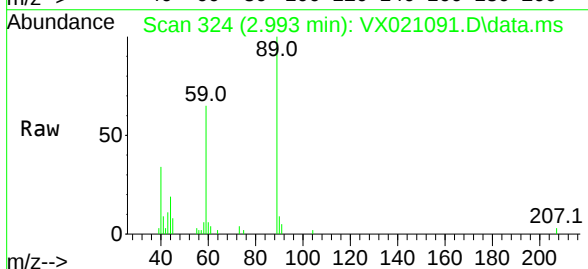
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW805-SO-030421

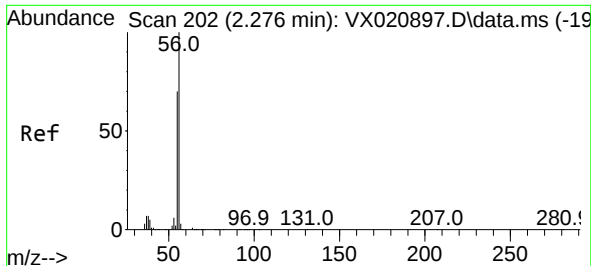
Tgt Ion: 94 Resp: 310
Ion Ratio Lower Upper
94 100
96 117.5 76.4 114.6#



#11
Tert butyl alcohol
Concen: 8.69 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.024 min
Lab File: VX021091.D
Acq: 09 Mar 2021 03:26

Tgt Ion: 59 Resp: 5704
Ion Ratio Lower Upper
59 100
57 3.0 7.8 11.8#

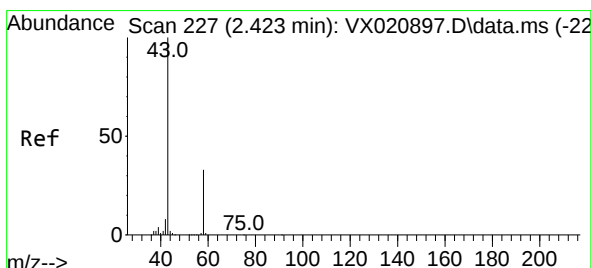
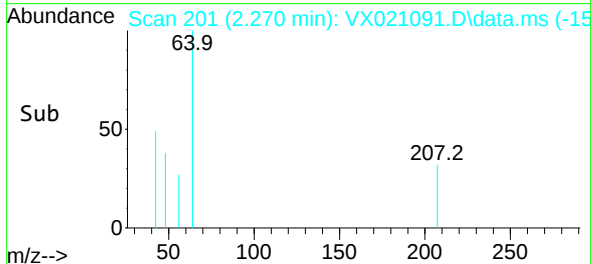
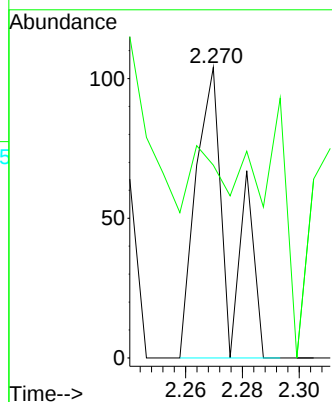
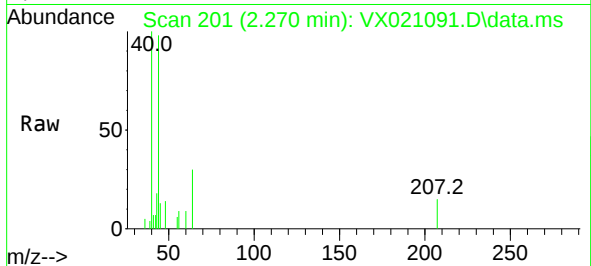




#13
Acrolein
Concen: 0.21 ug/l
RT: 2.270 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX021091.D
Acq: 09 Mar 2021 03:26

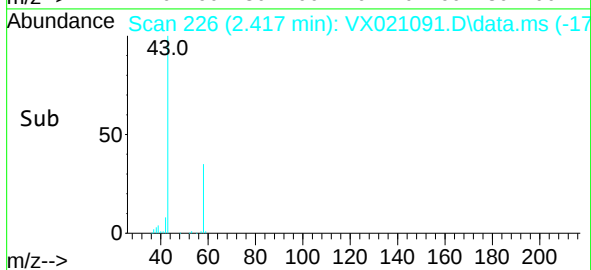
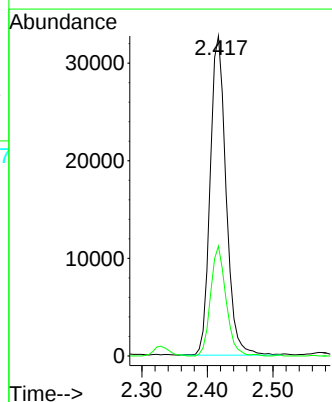
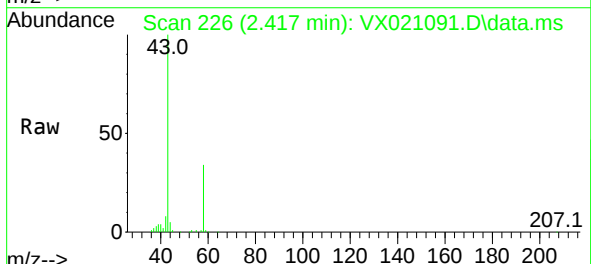
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW805-SO-030421

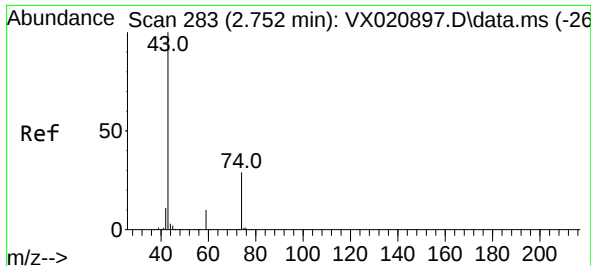
Tgt Ion: 56 Resp: 85
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 45.41 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021091.D
Acq: 09 Mar 2021 03:26

Tgt Ion: 43 Resp: 55154
Ion Ratio Lower Upper
43 100
58 34.1 27.8 41.8





#18

Methyl Acetate

Concen: 0.51 ug/l

RT: 2.752 min Scan# 283

Delta R.T. 0.000 min

Lab File: VX021091.D

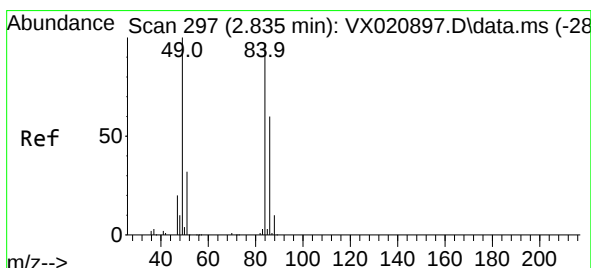
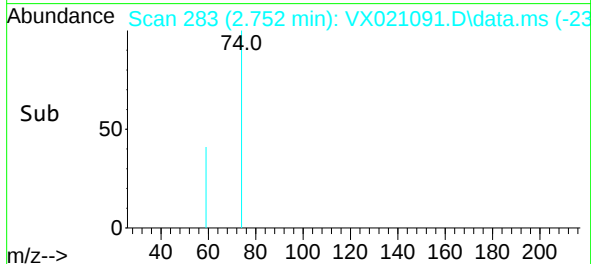
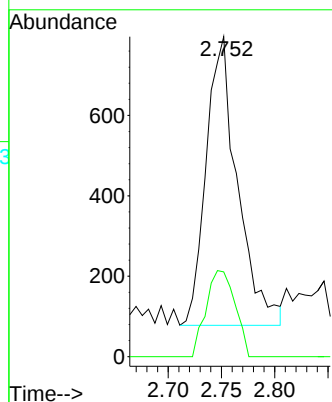
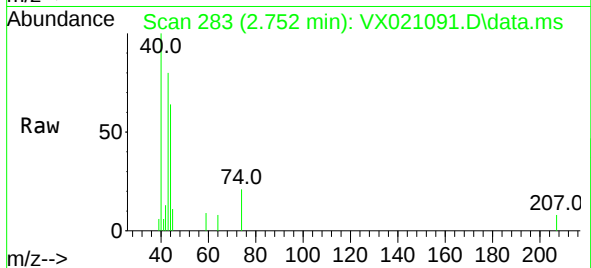
Acq: 09 Mar 2021 03:26

Tgt Ion: 43 Resp: 1472

Ion Ratio Lower Upper

43 100

74 27.4 21.9 32.9



#20

Methylene Chloride

Concen: 7.17 ug/l

RT: 2.835 min Scan# 297

Delta R.T. 0.000 min

Lab File: VX021091.D

Acq: 09 Mar 2021 03:26

Tgt Ion: 84 Resp: 20881

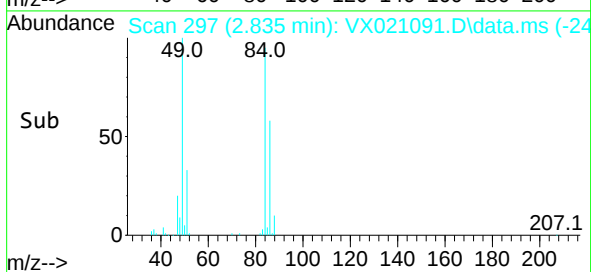
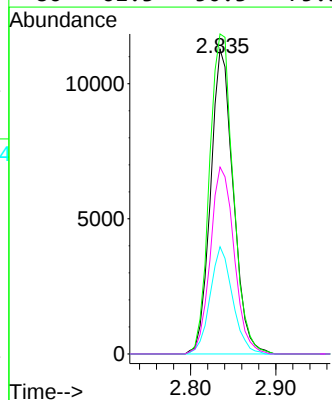
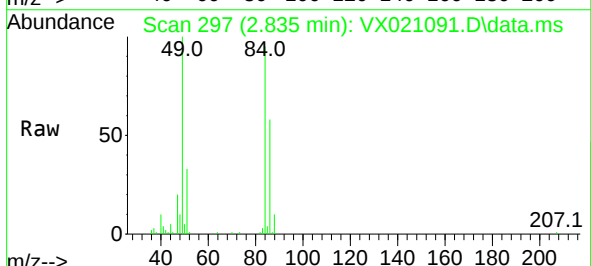
Ion Ratio Lower Upper

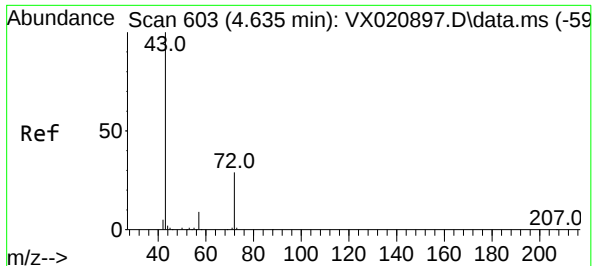
84 100

49 105.0 88.6 132.8

51 35.2 27.0 40.6

86 61.3 50.3 75.5

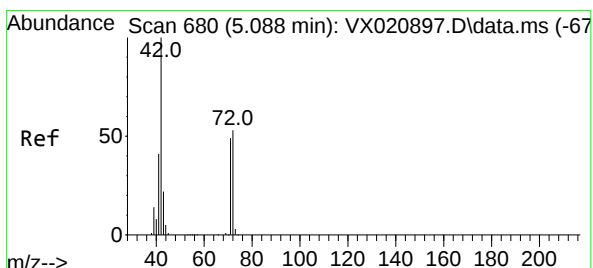
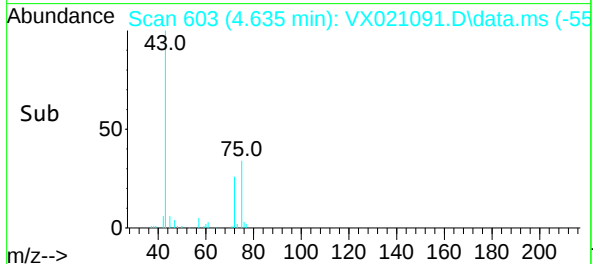
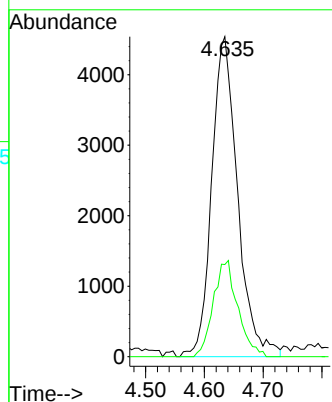
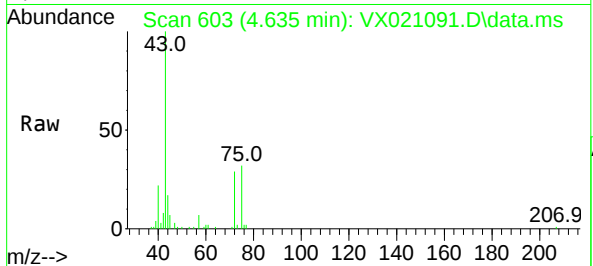




#25
2-Butanone
Concen: 7.52 ug/l
RT: 4.635 min Scan# 603
Delta R.T. 0.000 min
Lab File: VX021091.D
Acq: 09 Mar 2021 03:26

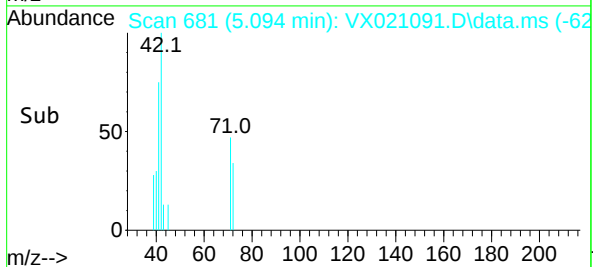
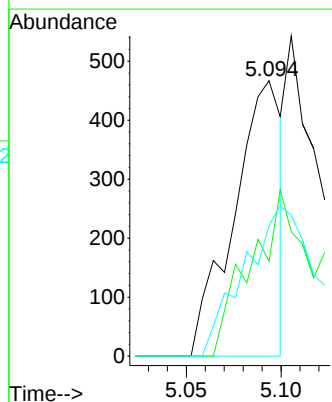
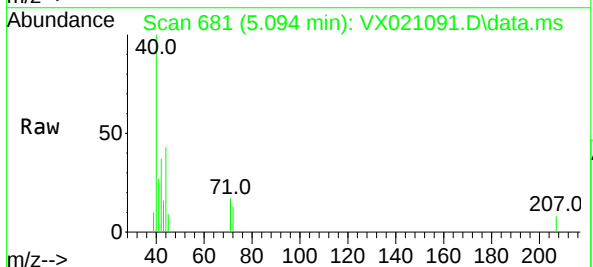
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW805-SO-030421

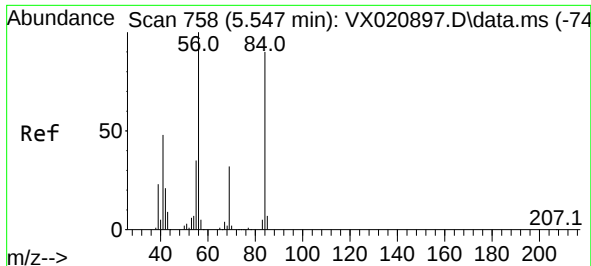
Tgt Ion: 43 Resp: 13883
Ion Ratio Lower Upper
43 100
72 28.8 23.7 35.5



#29
Tetrahydrofuran
Concen: 0.69 ug/l
RT: 5.094 min Scan# 681
Delta R.T. 0.006 min
Lab File: VX021091.D
Acq: 09 Mar 2021 03:26

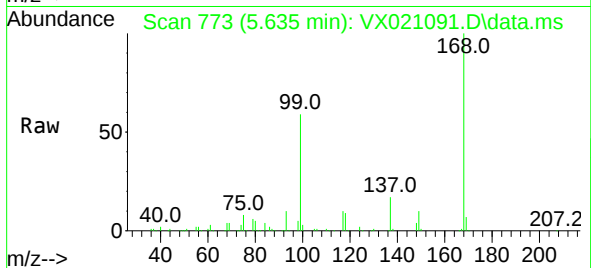
Tgt Ion: 42 Resp: 817
Ion Ratio Lower Upper
42 100
72 85.3 41.7 62.5#
71 87.4 38.4 57.6#



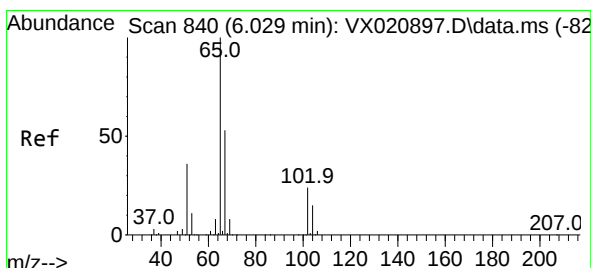
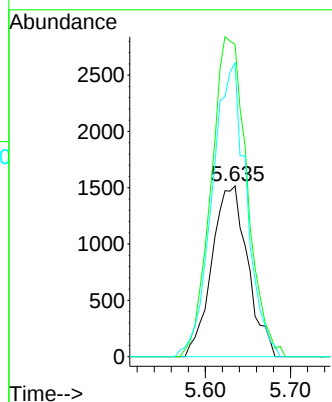
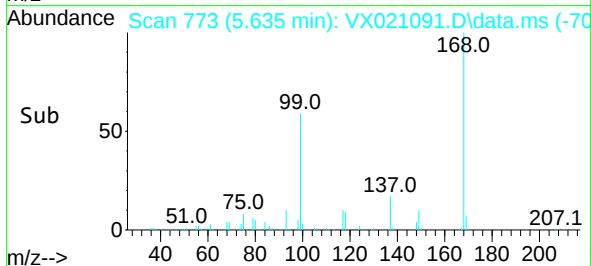


#31
Cyclohexane
Concen: 1.03 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.088 min
Lab File: VX021091.D
Acq: 09 Mar 2021 03:26

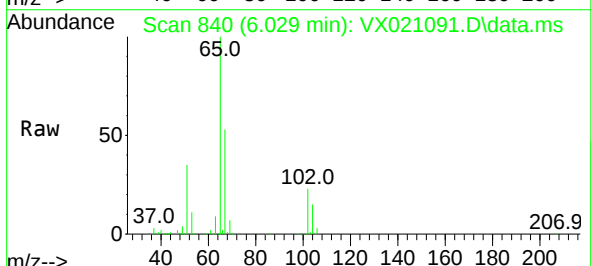
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW805-SO-030421



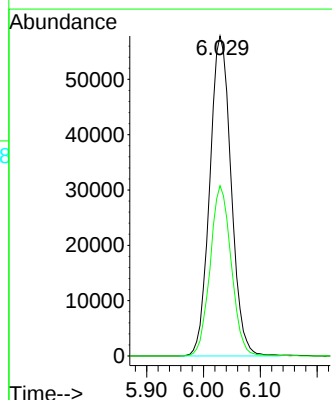
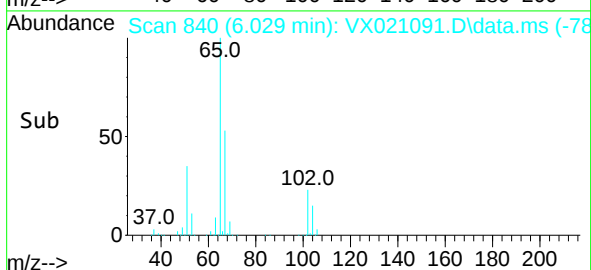
Tgt Ion: 56 Resp: 4414
Ion Ratio Lower Upper
56 100
69 182.9 25.3 37.9#
84 171.9 71.4 107.0#

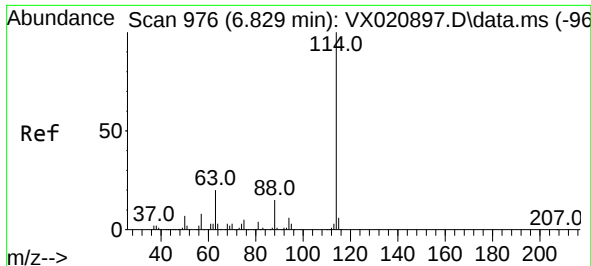


#33
1,2-Dichloroethane-d4
Concen: 51.26 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021091.D
Acq: 09 Mar 2021 03:26



Tgt Ion: 65 Resp: 151115
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.4

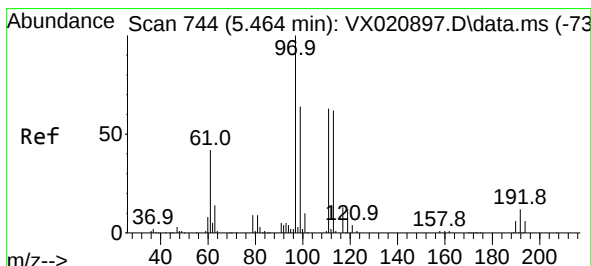
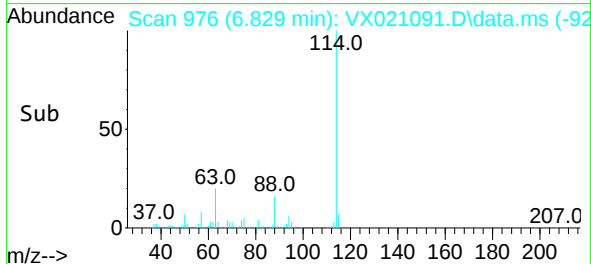
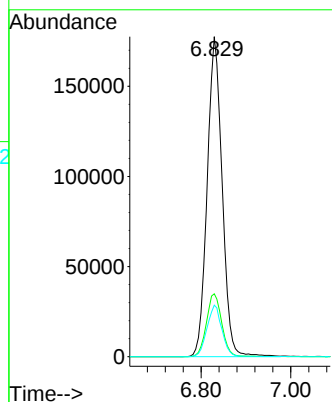
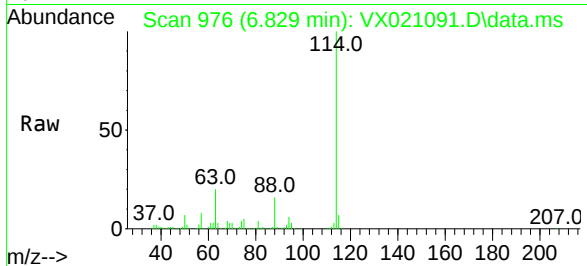




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021091.D
Acq: 09 Mar 2021 03:26

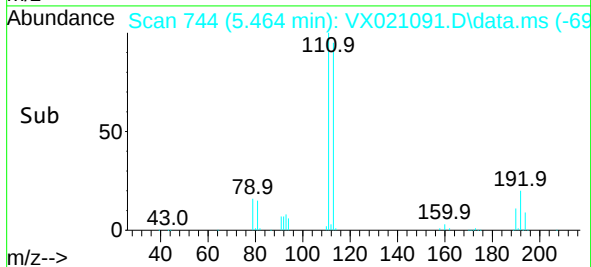
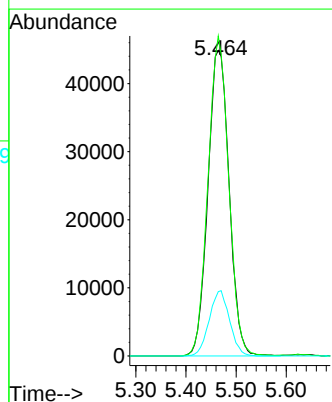
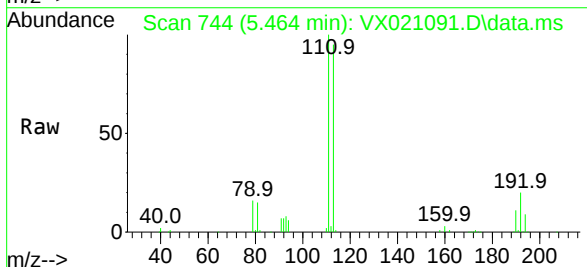
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW805-SO-030421

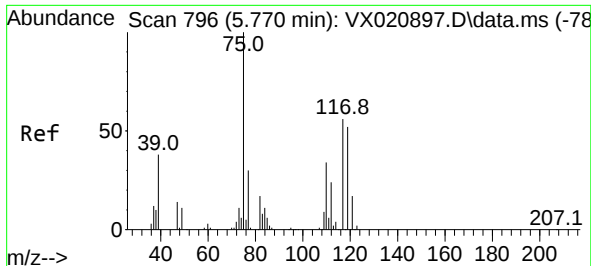
Tgt Ion:114 Resp: 411171
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.92 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021091.D
Acq: 09 Mar 2021 03:26

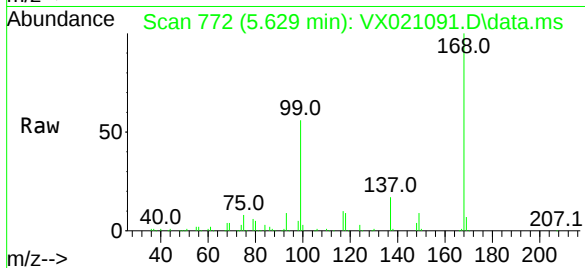
Tgt Ion:113 Resp: 132195
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 20.4 16.7 25.1



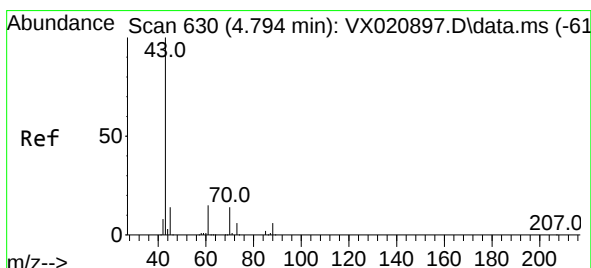
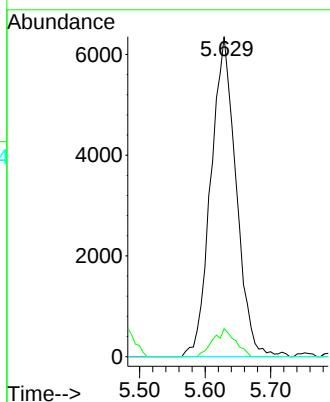
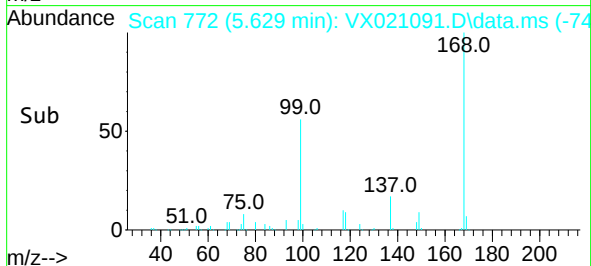


#36
1,1-Dichloropropene
Concen: 4.34 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021091.D
Acq: 09 Mar 2021 03:26

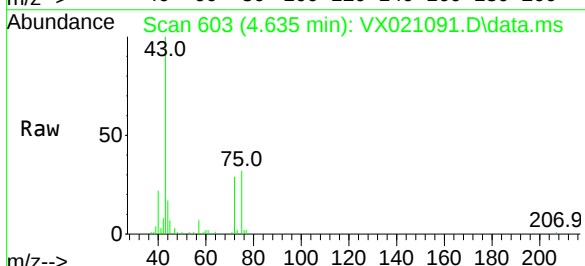
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW805-SO-030421



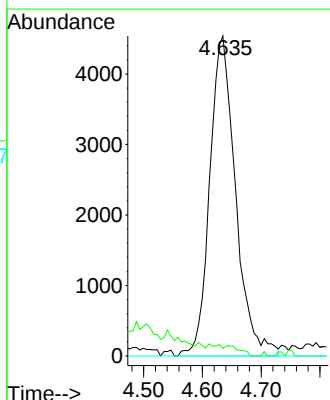
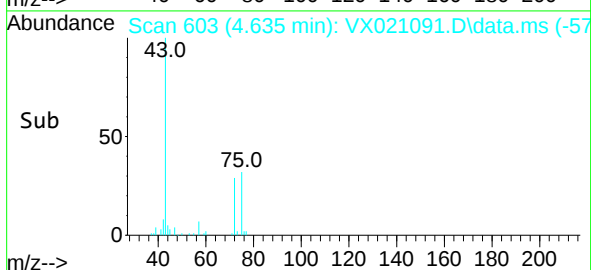
Tgt Ion: 75 Resp: 16967
Ion Ratio Lower Upper
75 100
110 7.7 18.1 54.4#
77 0.0 25.3 37.9#

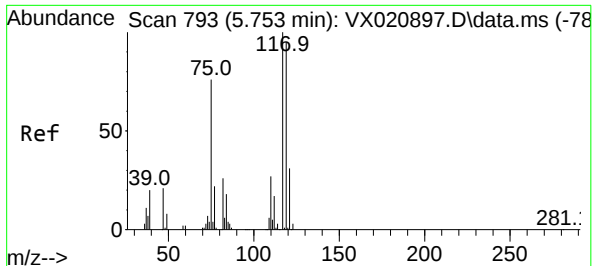


#37
Ethyl Acetate
Concen: 3.73 ug/l
RT: 4.635 min Scan# 603
Delta R.T. -0.159 min
Lab File: VX021091.D
Acq: 09 Mar 2021 03:26



Tgt Ion: 43 Resp: 13883
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 10.5 15.7#

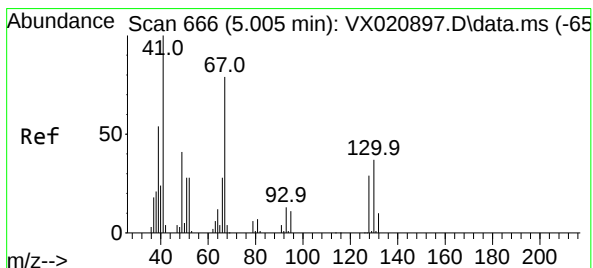
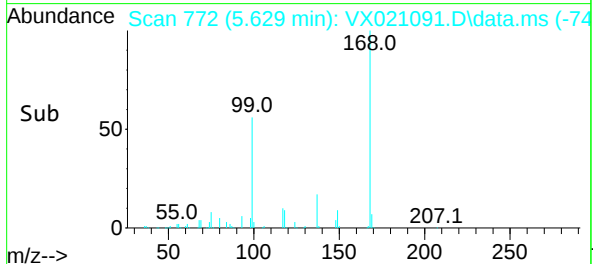
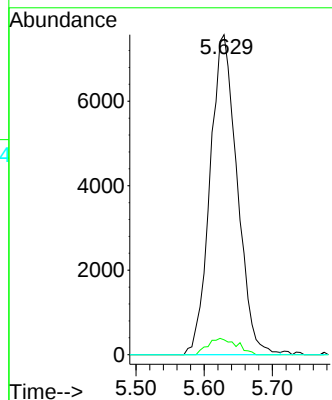
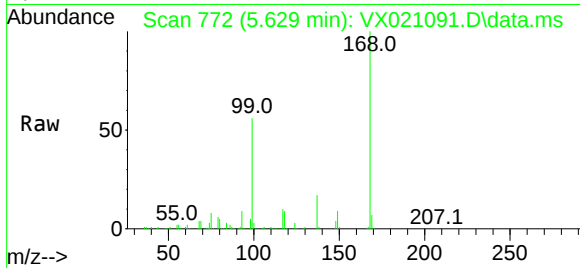




#38
Carbon Tetrachloride
Concen: 5.54 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX021091.D
Acq: 09 Mar 2021 03:26

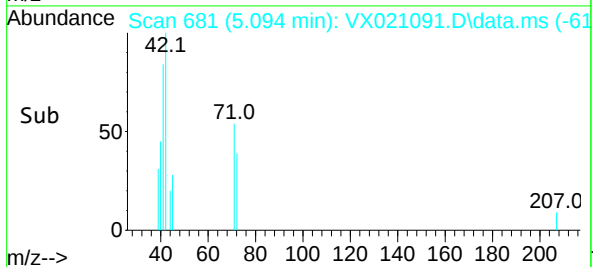
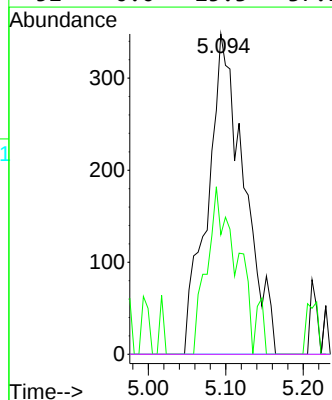
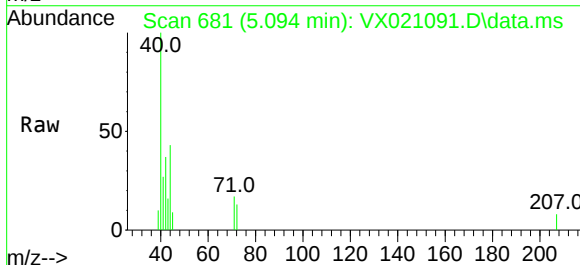
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW805-SO-030421

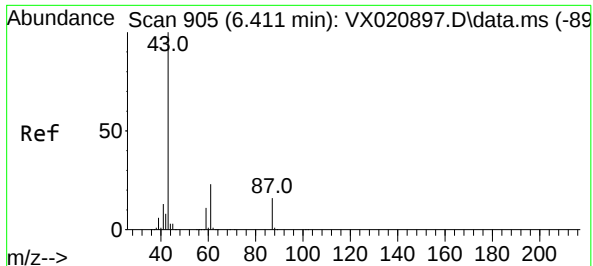
Tgt Ion: 117 Resp: 20972
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.2#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 0.55 ug/l
RT: 5.094 min Scan# 681
Delta R.T. 0.088 min
Lab File: VX021091.D
Acq: 09 Mar 2021 03:26

Tgt Ion: 41 Resp: 1142
Ion Ratio Lower Upper
41 100
39 41.7 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

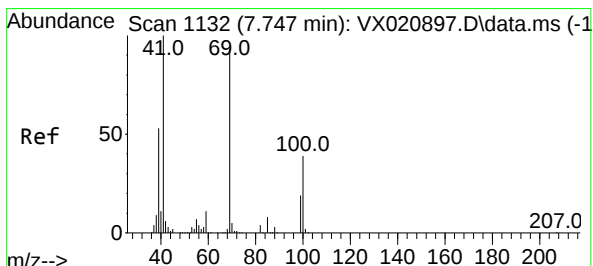
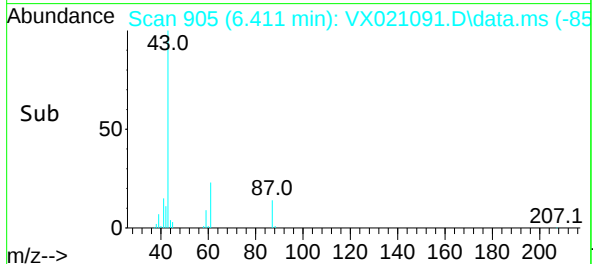
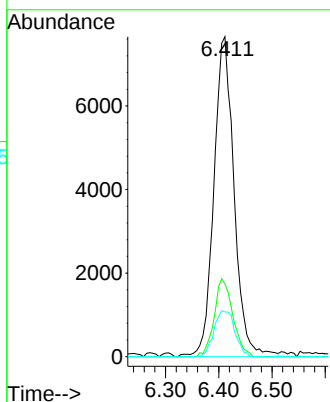
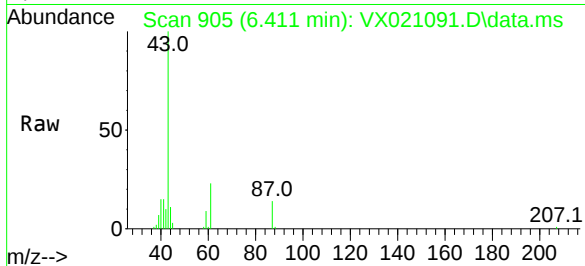




#43
Isopropyl Acetate
Concen: 3.19 ug/l
RT: 6.411 min Scan# 905
Delta R.T. 0.000 min
Lab File: VX021091.D
Acq: 09 Mar 2021 03:26

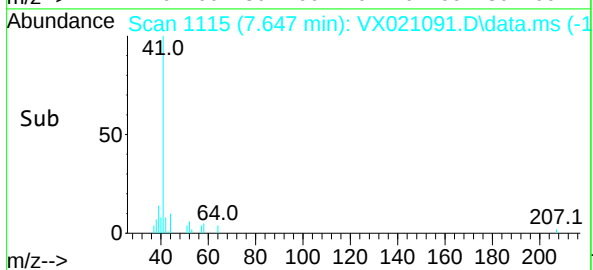
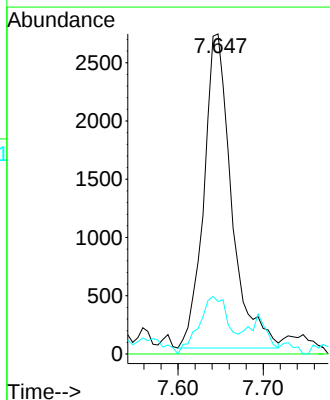
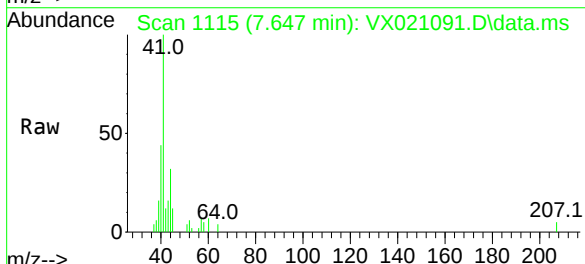
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW805-SO-030421

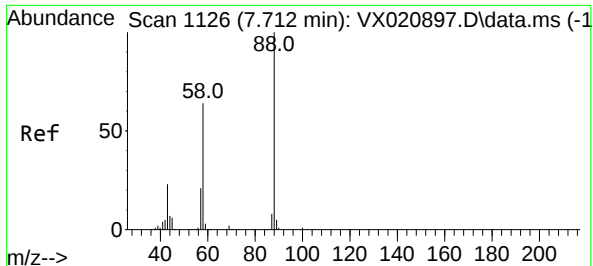
Tgt Ion:	43	Resp:	20147
Ion	Ratio	Lower	Upper
43	100		
61	22.5	18.2	27.4
87	14.8	12.5	18.7



#48
Methyl methacrylate
Concen: 1.92 ug/l
RT: 7.647 min Scan# 1115
Delta R.T. -0.100 min
Lab File: VX021091.D
Acq: 09 Mar 2021 03:26

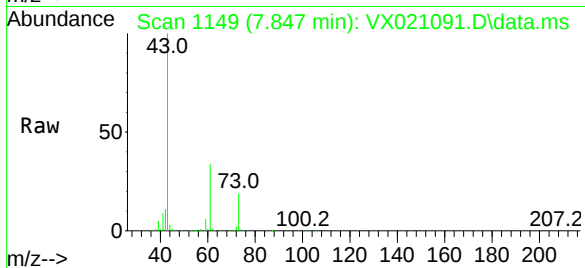
Tgt Ion:	41	Resp:	6095
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#



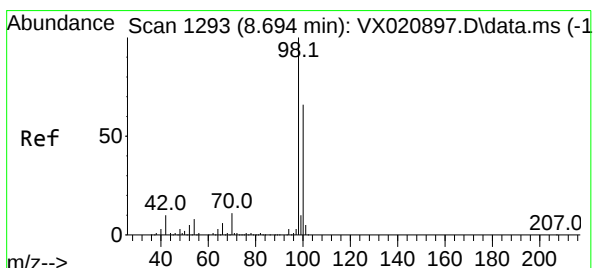
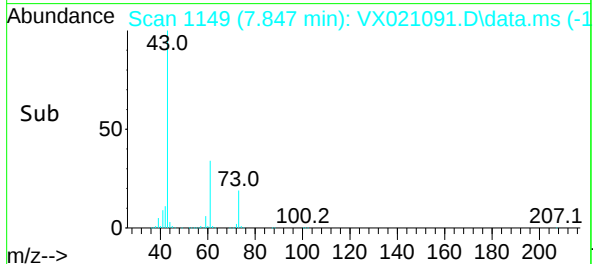
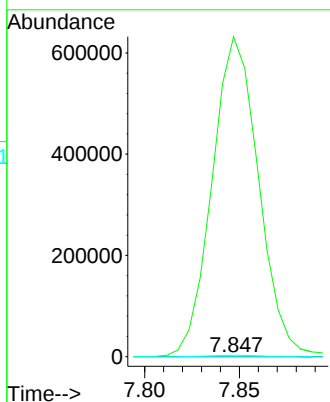


#49
1,4-Dioxane
Concen: 2.77 ug/l
RT: 7.847 min Scan# 1149
Delta R.T. 0.135 min
Lab File: VX021091.D
Acq: 09 Mar 2021 03:26

Instrument :
MSVOA_X
ClientSampleId :
IDW-GW805-SO-030421

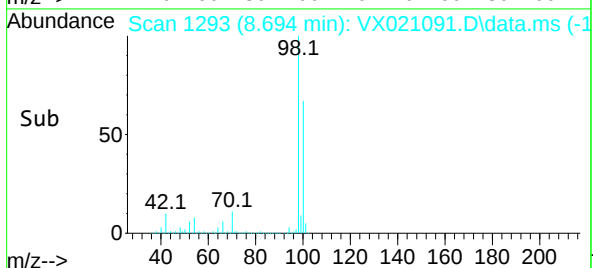
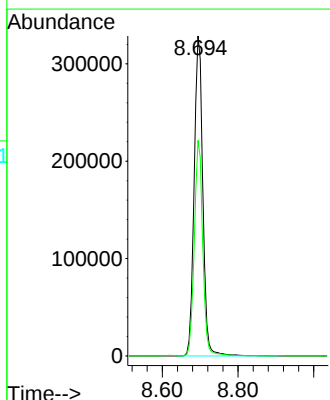
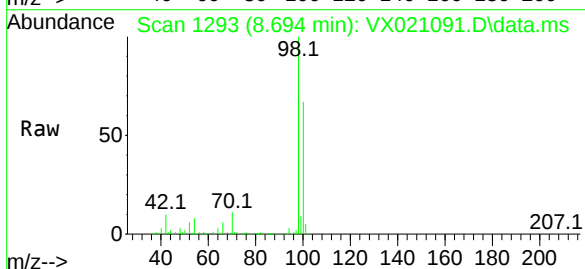


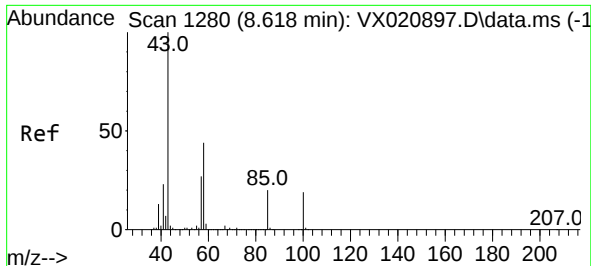
Tgt Ion: 88 Resp: 205
Ion Ratio Lower Upper
88 100
43 533121.5 23.2 34.8#
58 2542.9 55.0 82.4#



#50
Toluene-d8
Concen: 53.97 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021091.D
Acq: 09 Mar 2021 03:26

Tgt Ion: 98 Resp: 525698
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9

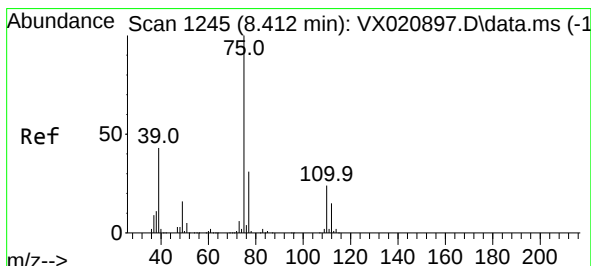
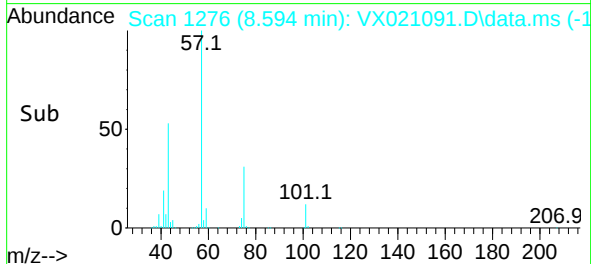
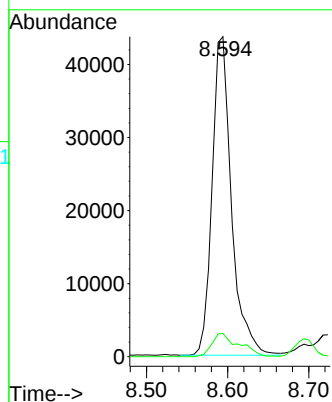
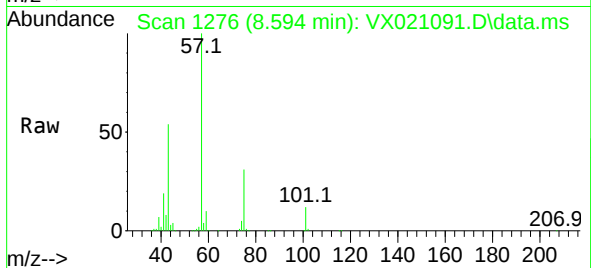




#51
4-Methyl-2-Pentanone
Concen: 19.64 ug/l
RT: 8.594 min Scan# 1276
Delta R.T. -0.024 min
Lab File: VX021091.D
Acq: 09 Mar 2021 03:26

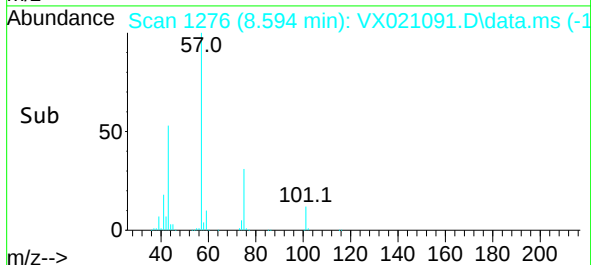
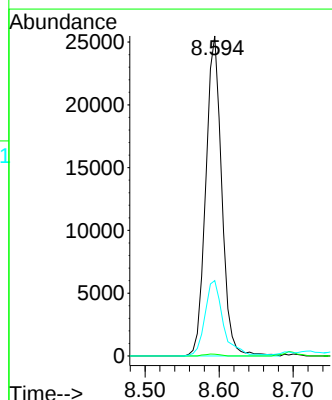
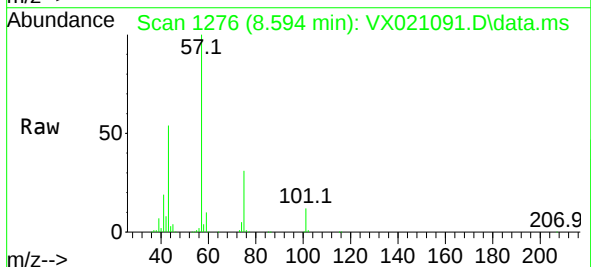
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW805-SO-030421

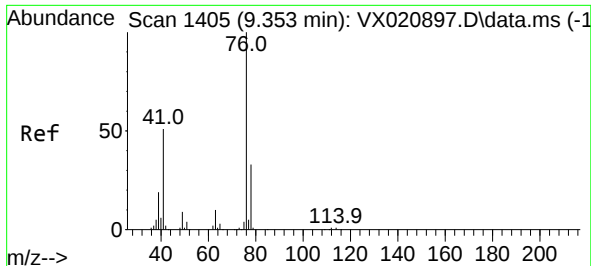
Tgt Ion: 43 Resp: 72335
Ion Ratio Lower Upper
43 100
58 10.3 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 7.54 ug/l
RT: 8.594 min Scan# 1276
Delta R.T. 0.182 min
Lab File: VX021091.D
Acq: 09 Mar 2021 03:26

Tgt Ion: 75 Resp: 38125
Ion Ratio Lower Upper
75 100
77 0.6 25.7 38.5#
39 23.6 35.1 52.7#

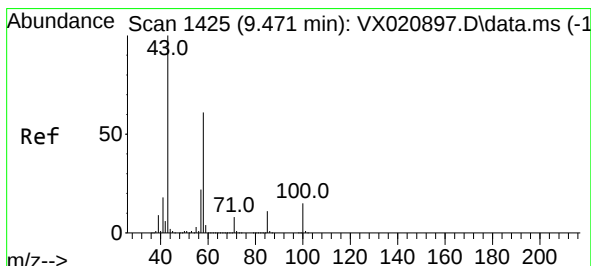
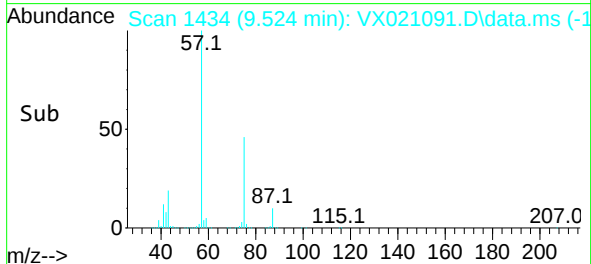
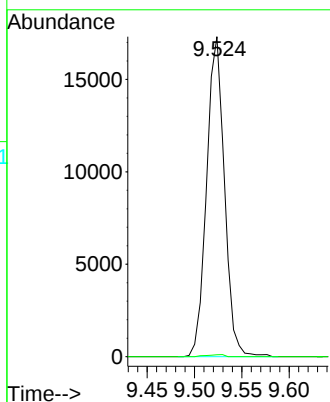
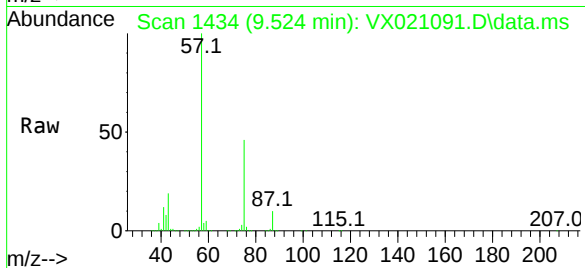




#57
1,3-Dichloropropane
Concen: 4.58 ug/l
RT: 9.524 min Scan# 1434
Delta R.T. 0.171 min
Lab File: VX021091.D
Acq: 09 Mar 2021 03:26

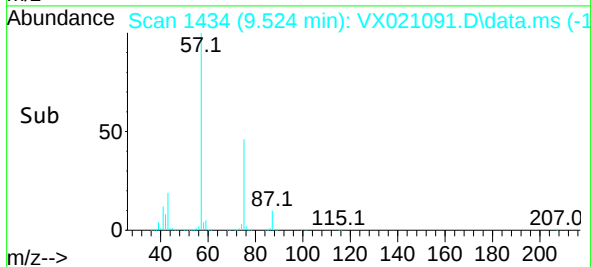
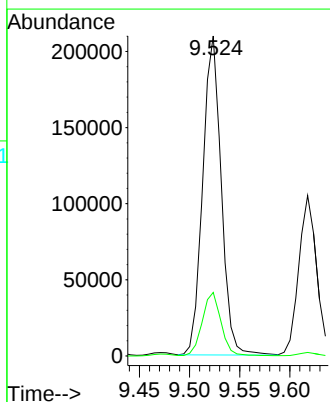
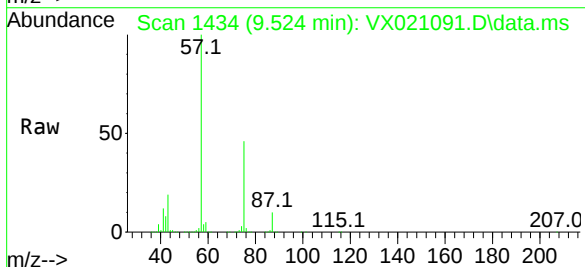
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW805-SO-030421

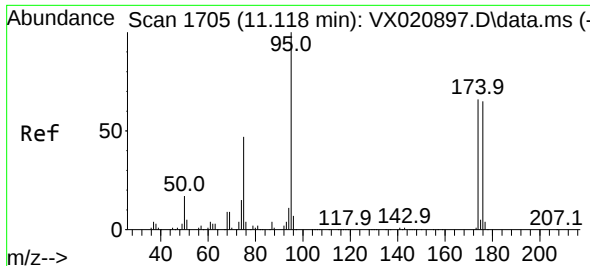
Tgt Ion: 76 Resp: 22659
Ion Ratio Lower Upper
76 100
78 0.6 26.2 39.2#



#59
2-Hexanone
Concen: 97.78 ug/l
RT: 9.524 min Scan# 1434
Delta R.T. 0.053 min
Lab File: VX021091.D
Acq: 09 Mar 2021 03:26

Tgt Ion: 43 Resp: 270137
Ion Ratio Lower Upper
43 100
58 20.4 30.9 92.8#

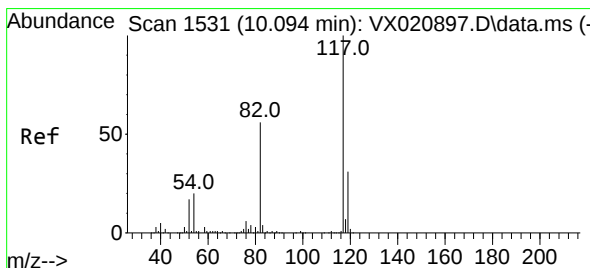
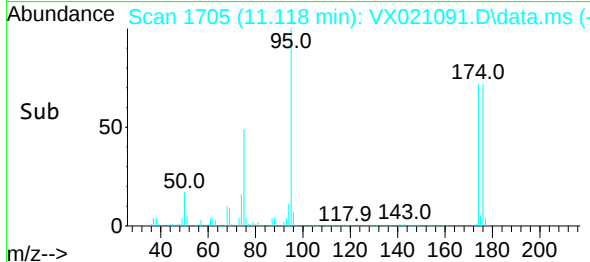
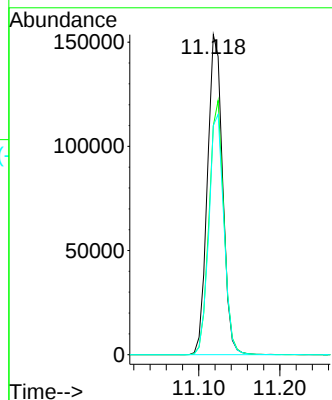
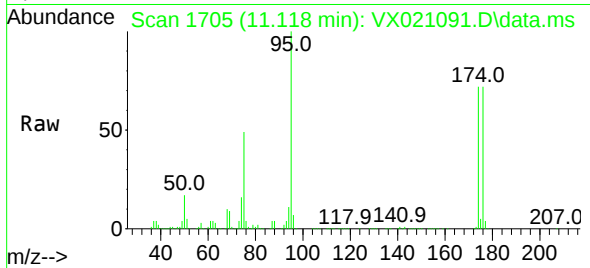




#62
4-Bromofluorobenzene
Concen: 55.17 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021091.D
Acq: 09 Mar 2021 03:26

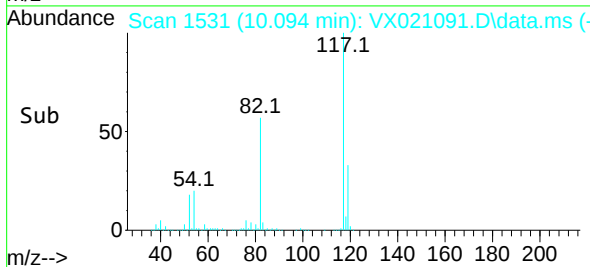
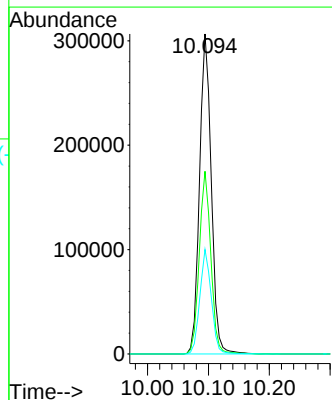
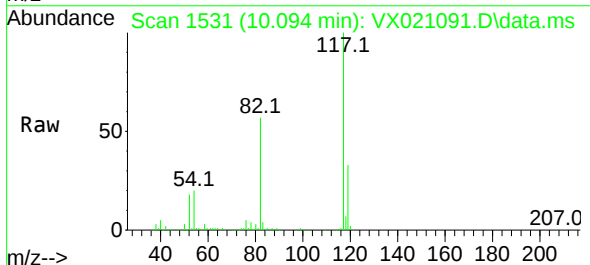
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW805-SO-030421

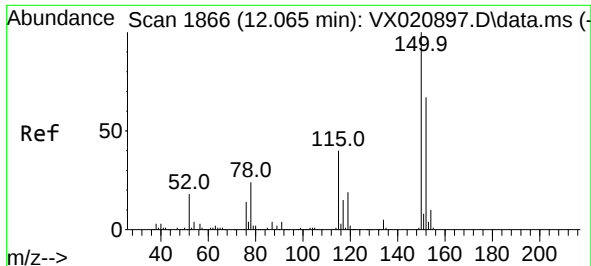
Tgt Ion: 95 Resp: 198707
Ion Ratio Lower Upper
95 100
174 77.3 0.0 154.6
176 74.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021091.D
Acq: 09 Mar 2021 03:26

Tgt Ion: 117 Resp: 410955
Ion Ratio Lower Upper
117 100
82 57.1 47.4 71.2
119 32.6 26.6 39.8

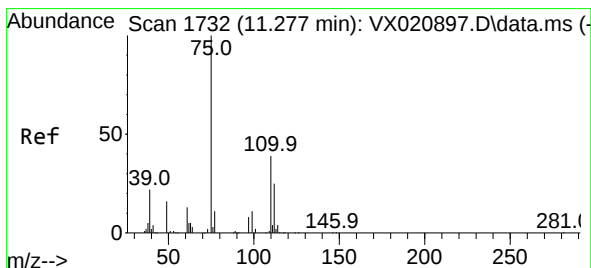
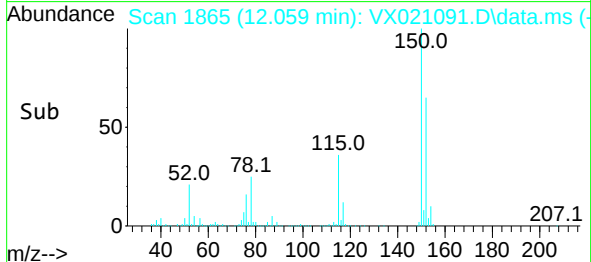
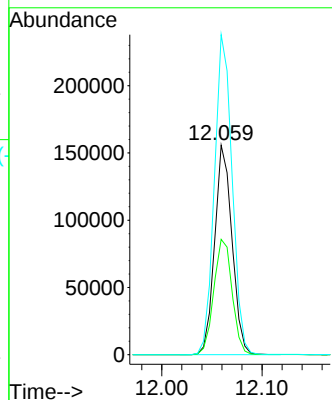
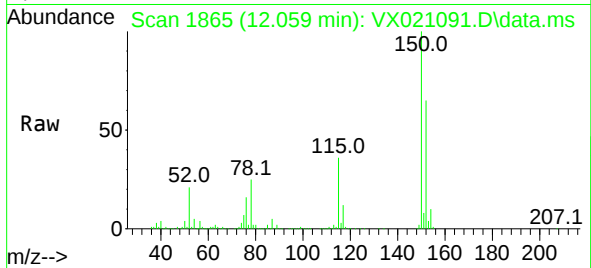




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021091.D
Acq: 09 Mar 2021 03:26

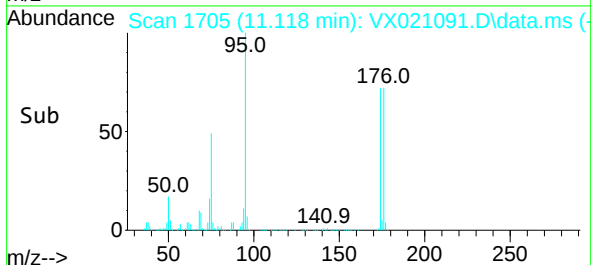
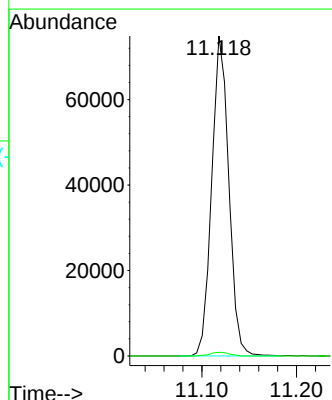
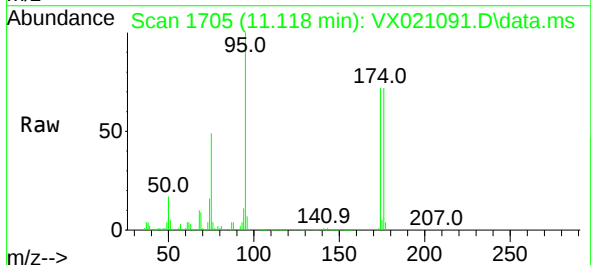
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW805-SO-030421

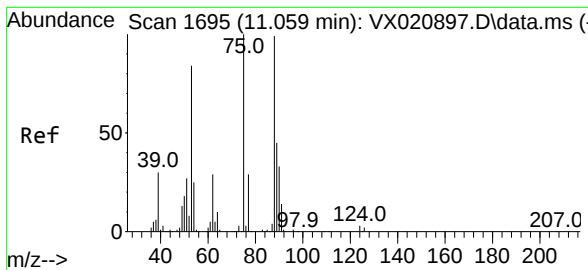
Tgt Ion:152 Resp: 187232
Ion Ratio Lower Upper
152 100
115 58.1 41.1 123.3
150 156.0 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 23.23 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021091.D
Acq: 09 Mar 2021 03:26

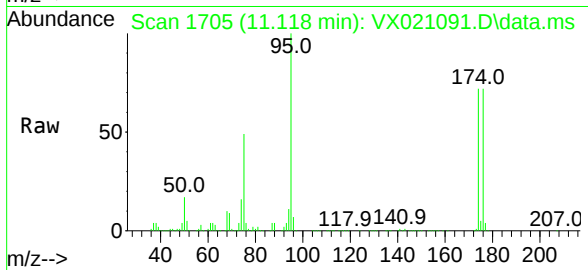
Tgt Ion: 75 Resp: 93576
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.44 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021091.D
 Acq: 09 Mar 2021 03:26

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-GW805-SO-030421



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

