

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030721\
 Data File : VX021040.D
 Acq On : 05 Mar 2021 17:10
 Operator : JC/MD
 Sample : M1575-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-GW803-AQ-030321

Quant Time: Mar 06 00:00:26 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)

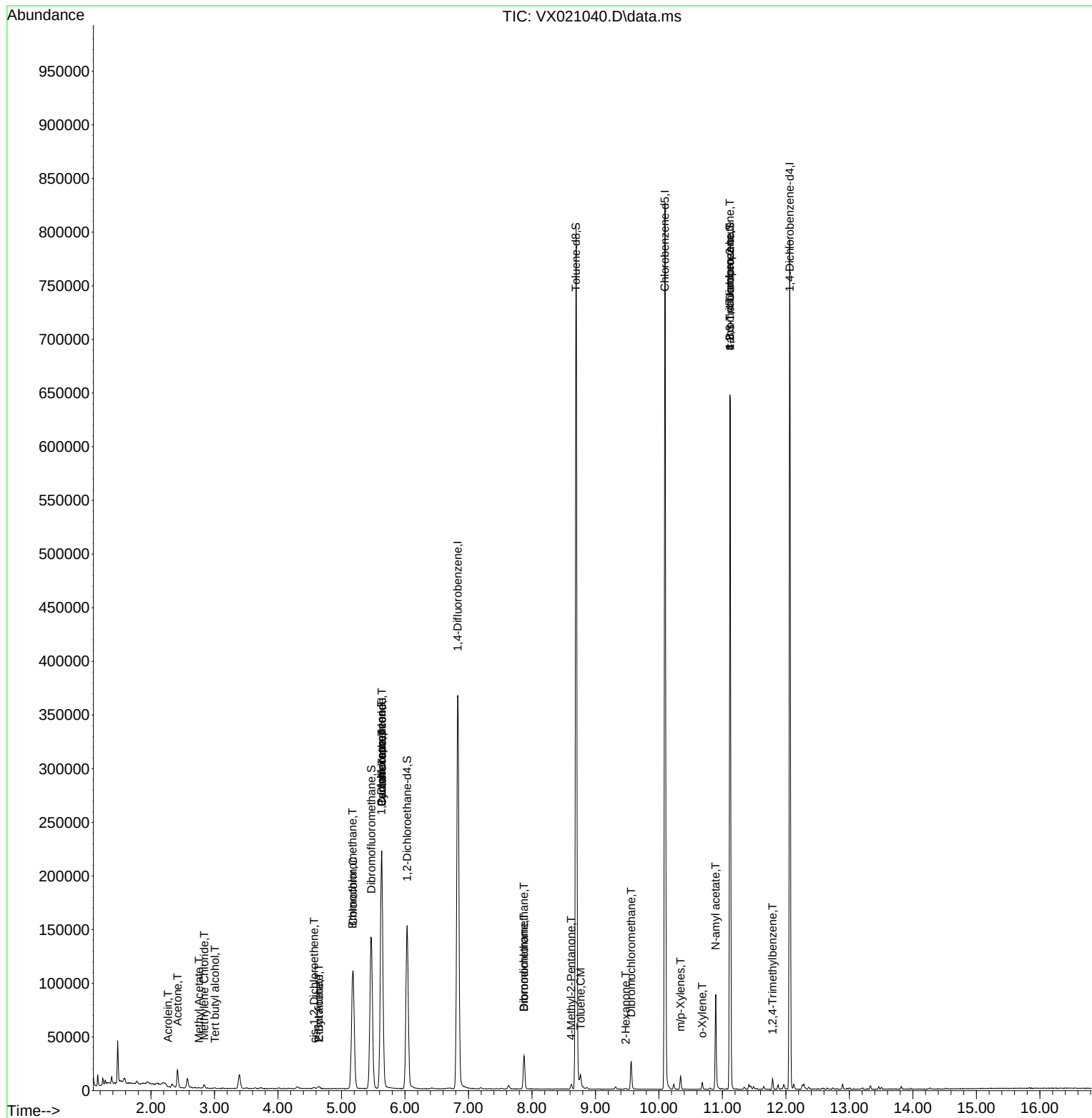
Internal Standards						
1) Pentafluorobenzene	5.635	168	216929	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.829	114	398301	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	391440	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	164794	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	144086	49.17	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.34%		
35) Dibromofluoromethane	5.470	113	125648	51.92	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.84%		
50) Toluene-d8	8.694	98	498820	52.86	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.72%		
62) 4-Bromofluorobenzene	11.118	95	186005	53.31	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.62%		
Target Compounds						Qvalue
5) Bromomethane	1.640	94	278	Below Cal		93
11) Tert butyl alcohol	3.005	59	378	0.58 ug/l #		73
13) Acrolein	2.270	56	198	0.49 ug/l #		1
16) Acetone	2.417	43	16726	13.85 ug/l		100
18) Methyl Acetate	2.758	43	688	0.24 ug/l #		47
20) Methylene Chloride	2.840	84	1537	0.53 ug/l #		92
25) 2-Butanone	4.647	43	3118	1.70 ug/l #		87
27) cis-1,2-Dichloroethene	4.570	96	676	0.22 ug/l		83
28) Bromochloromethane	5.176	49	10207	5.08 ug/l #		9
30) Chloroform	5.182	83	135919	28.71 ug/l		95
31) Cyclohexane	5.635	56	4285	1.01 ug/l #		1
36) 1,1-Dichloropropene	5.629	75	16100	4.25 ug/l #		48
37) Ethyl Acetate	4.647	43	3118	0.87 ug/l #		66
38) Carbon Tetrachloride	5.635	117	20082	5.47 ug/l #		16
46) Dibromomethane	7.876	93	610	0.32 ug/l #		2
47) Bromodichloromethane	7.876	83	20516	5.14 ug/l		99
51) 4-Methyl-2-Pentanone	8.618	43	2806	0.79 ug/l		94
52) Toluene	8.765	92	3633	0.51 ug/l		99
59) 2-Hexanone	9.477	43	635	0.24 ug/l		74
60) Dibromochloromethane	9.565	129	3962	1.34 ug/l		99
68) m/p-Xylenes	10.341	106	2934	0.53 ug/l		93
69) o-Xylene	10.683	106	1255	0.23 ug/l		97
74) N-amyl acetate	10.894	43	11214	2.13 ug/l #		1
76) 1,2,3-Trichloropropane	11.118	75	88379	24.93 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	88379	55.19 ug/l #		12
84) 1,2,4-Trimethylbenzene	11.789	105	4141	0.38 ug/l		99

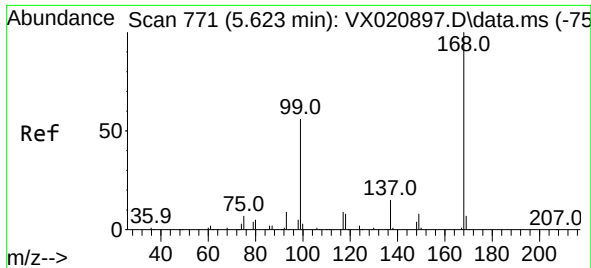
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 06 00:00:26 2021
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Quant Title : SW846 8260
QLast Update : Wed Feb 24 13:50:55 2021
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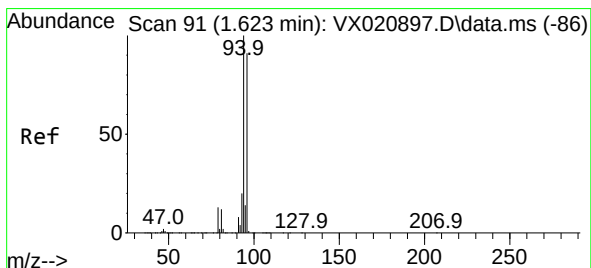
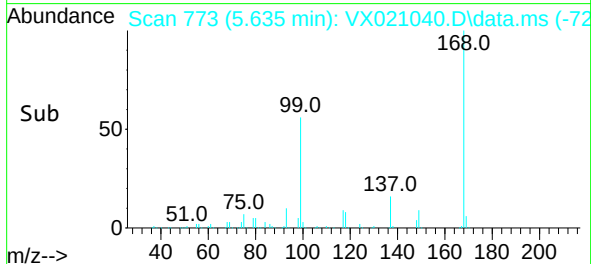
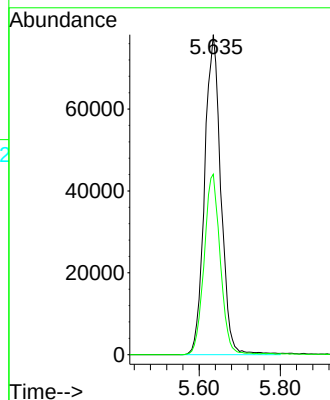
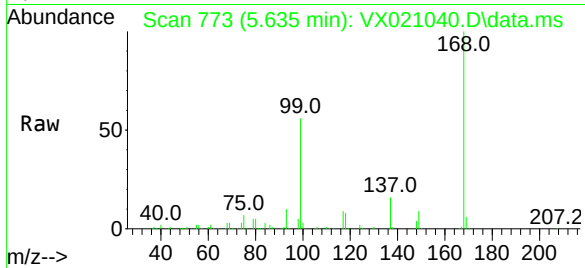




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.012 min
Lab File: VX021040.D
Acq: 05 Mar 2021 17:10

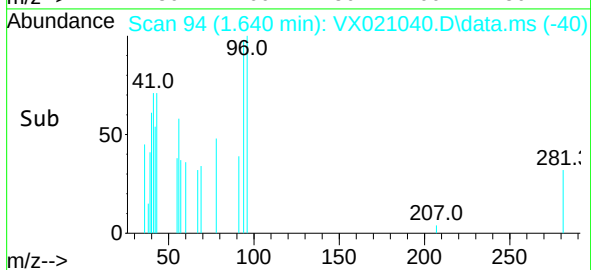
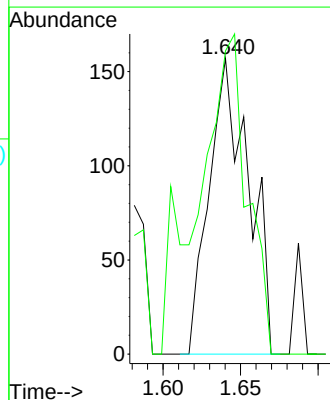
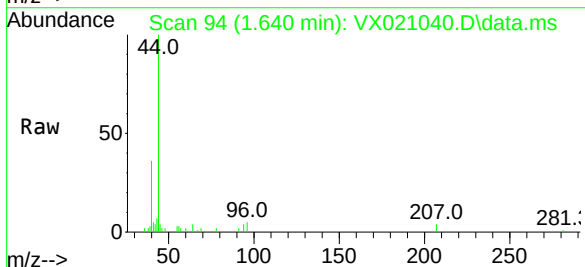
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW803-AQ-030321

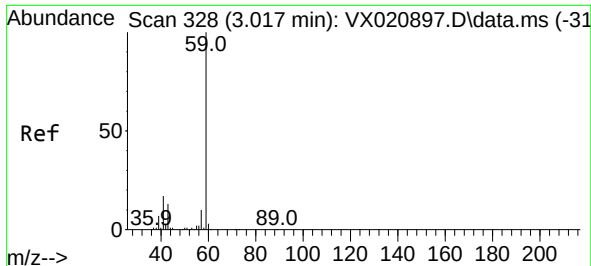
Tgt Ion:168 Resp: 216929
Ion Ratio Lower Upper
168 100
99 56.4 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021040.D
Acq: 05 Mar 2021 17:10

Tgt Ion: 94 Resp: 278
Ion Ratio Lower Upper
94 100
96 102.5 76.4 114.6

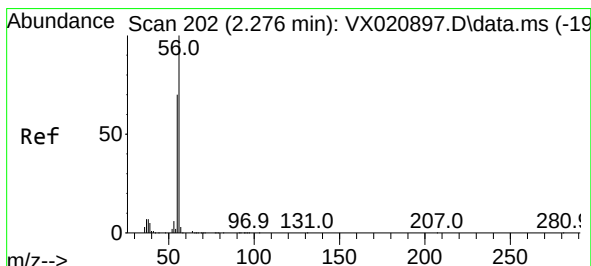
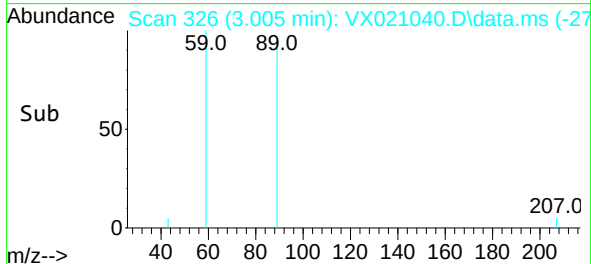
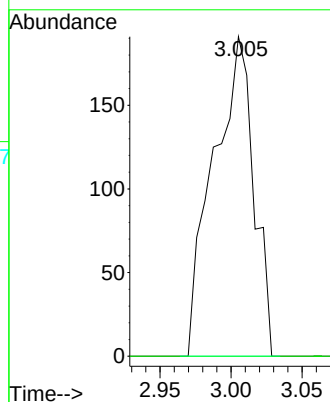
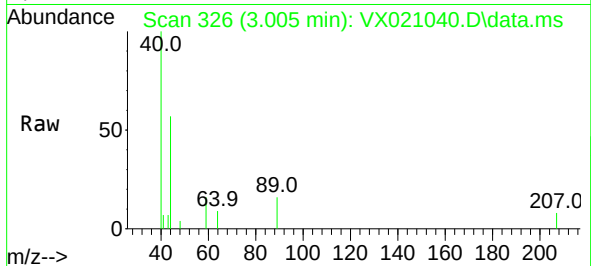




#11
Tert butyl alcohol
Concen: 0.58 ug/l
RT: 3.005 min Scan# 326
Delta R.T. -0.012 min
Lab File: VX021040.D
Acq: 05 Mar 2021 17:10

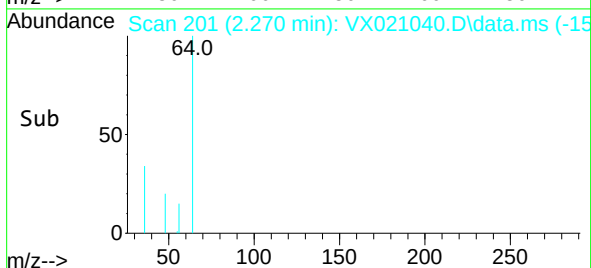
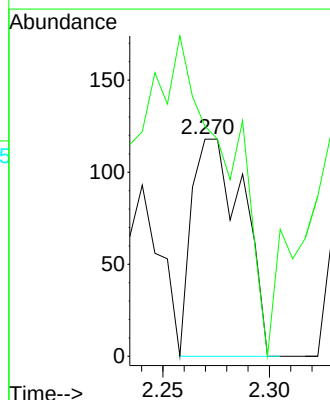
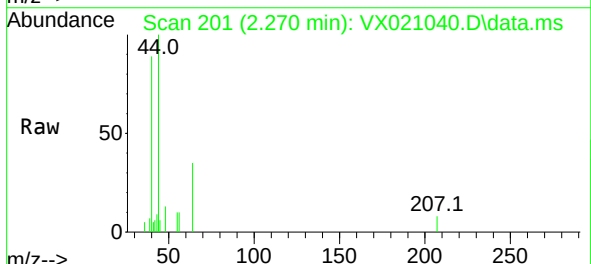
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW803-AQ-030321

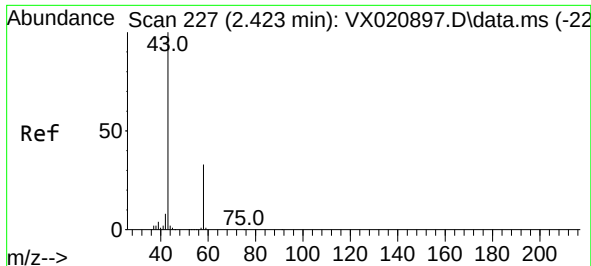
Tgt Ion: 59 Resp: 378
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 0.49 ug/l
RT: 2.270 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX021040.D
Acq: 05 Mar 2021 17:10

Tgt Ion: 56 Resp: 198
Ion Ratio Lower Upper
56 100
55 202.0 56.4 84.6#

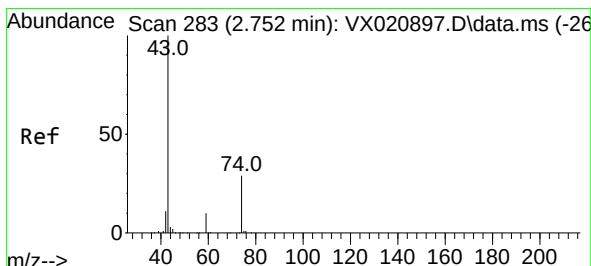
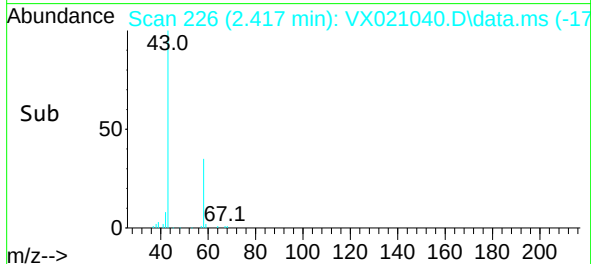
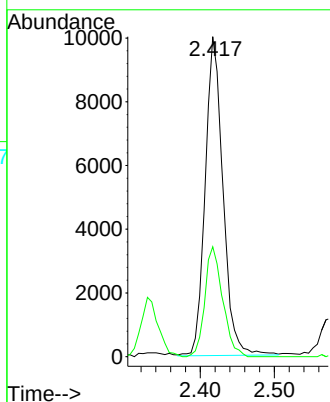
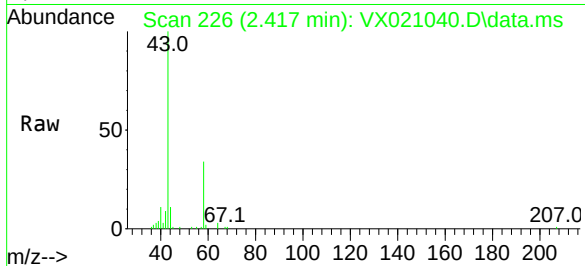




#16
Acetone
Concen: 13.85 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021040.D
Acq: 05 Mar 2021 17:10

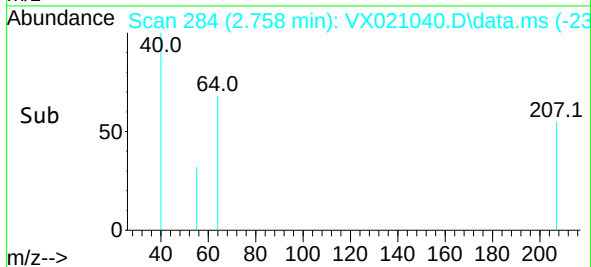
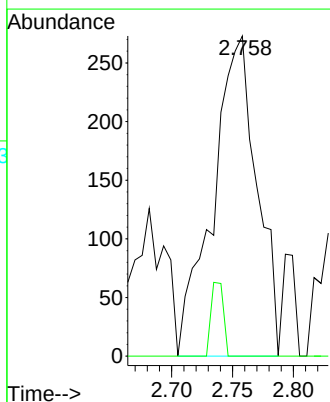
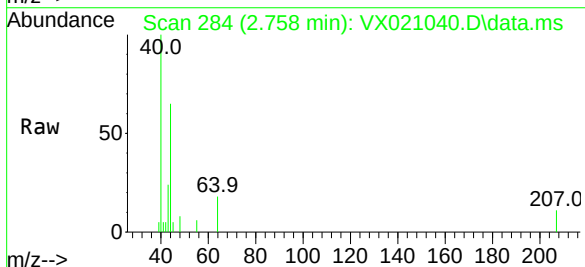
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW803-AQ-030321

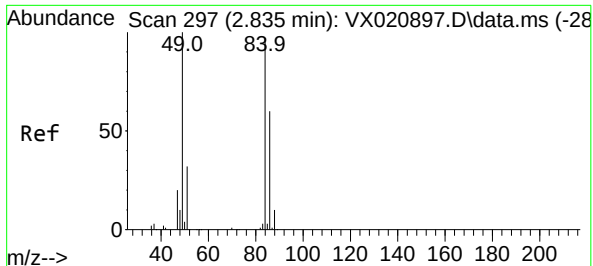
Tgt Ion: 43 Resp: 16726
Ion Ratio Lower Upper
43 100
58 34.5 27.8 41.8



#18
Methyl Acetate
Concen: 0.24 ug/l
RT: 2.758 min Scan# 284
Delta R.T. 0.006 min
Lab File: VX021040.D
Acq: 05 Mar 2021 17:10

Tgt Ion: 43 Resp: 688
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#





#20

Methylene Chloride

Concen: 0.53 ug/l

RT: 2.840 min Scan# 298

Delta R.T. 0.006 min

Lab File: VX021040.D

Acq: 05 Mar 2021 17:10

Tgt Ion: 84 Resp: 1537

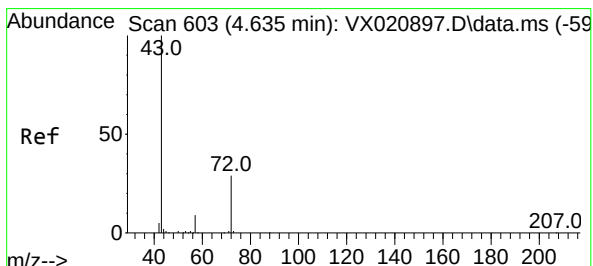
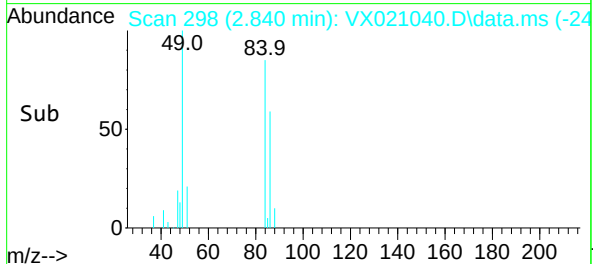
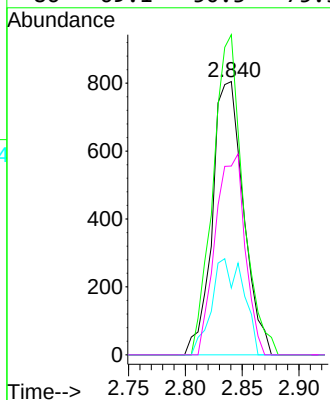
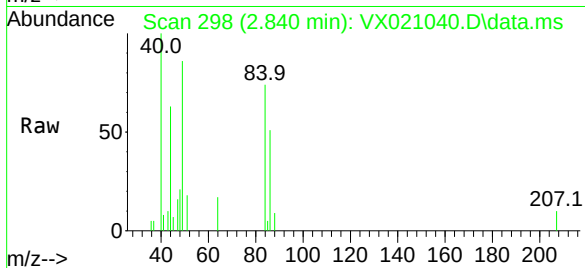
Ion Ratio Lower Upper

84 100

49 117.1 88.6 132.8

51 24.5 27.0 40.6#

86 69.1 50.3 75.5



#25

2-Butanone

Concen: 1.70 ug/l

RT: 4.647 min Scan# 605

Delta R.T. 0.012 min

Lab File: VX021040.D

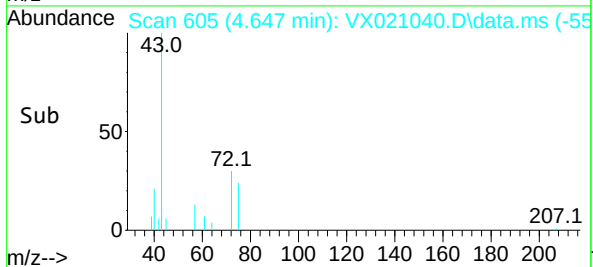
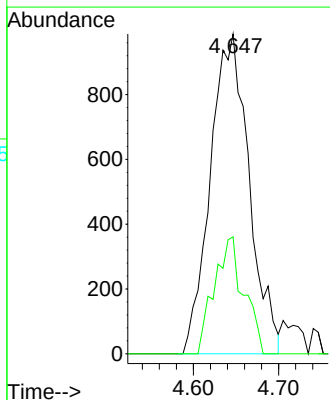
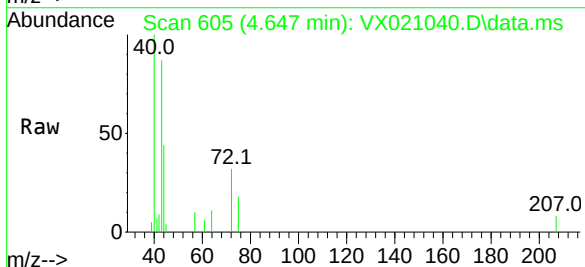
Acq: 05 Mar 2021 17:10

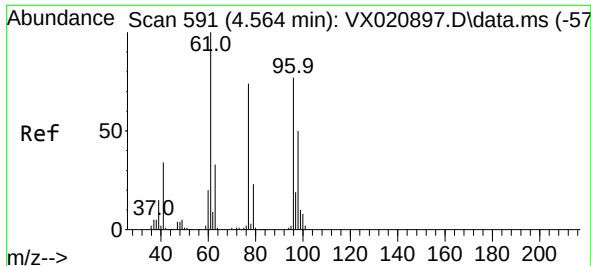
Tgt Ion: 43 Resp: 3118

Ion Ratio Lower Upper

43 100

72 36.6 23.7 35.5#





#27

cis-1,2-Dichloroethene

Concen: 0.22 ug/l

RT: 4.570 min Scan# 592

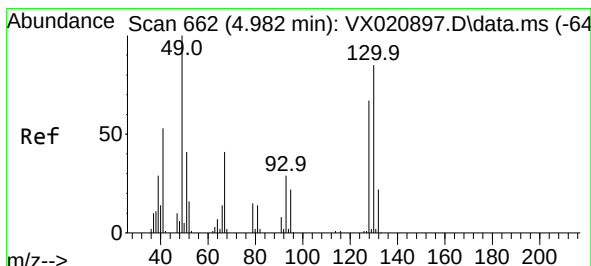
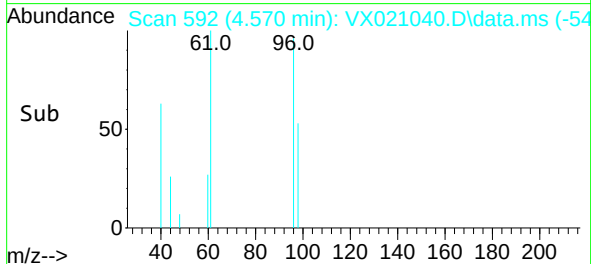
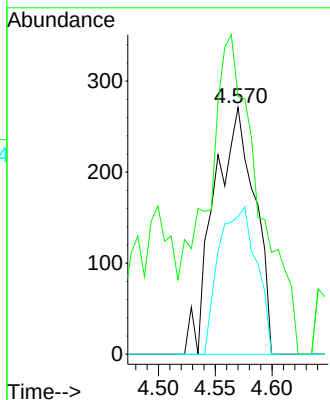
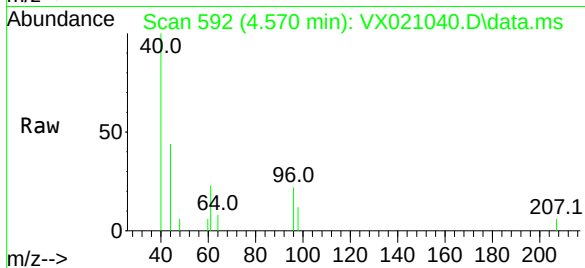
Delta R.T. 0.006 min

Lab File: VX021040.D

Acq: 05 Mar 2021 17:10

Tgt Ion:	96	Resp:	676
Ion	Ratio	Lower	Upper
96	100		
61	166.0	0.0	285.6
98	55.0	0.0	129.6

Instrument :
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#28

Bromochloromethane

Concen: 5.08 ug/l

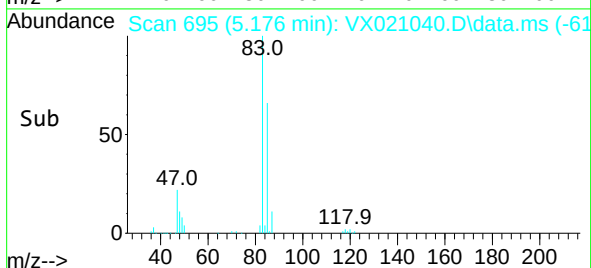
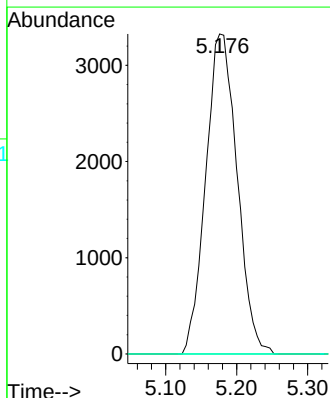
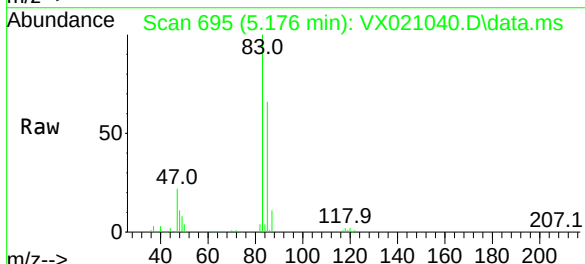
RT: 5.176 min Scan# 695

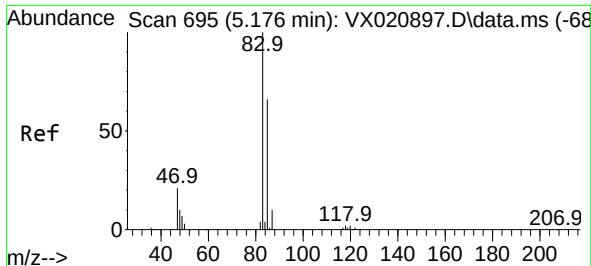
Delta R.T. 0.194 min

Lab File: VX021040.D

Acq: 05 Mar 2021 17:10

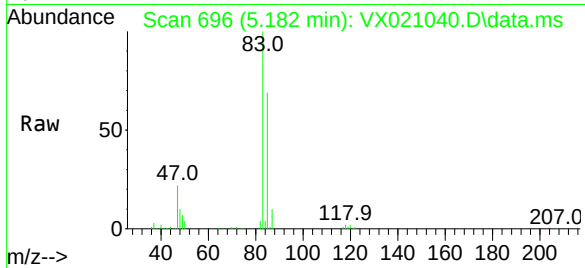
Tgt Ion:	49	Resp:	10207
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	0.0	68.2	102.2#



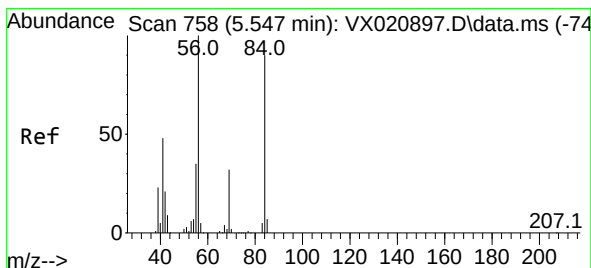
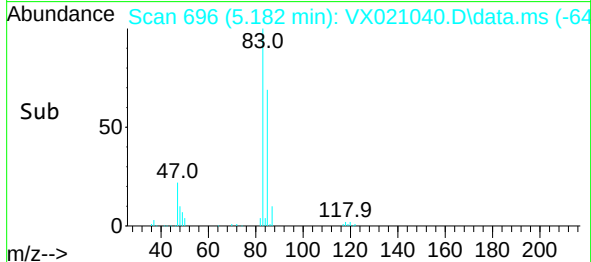
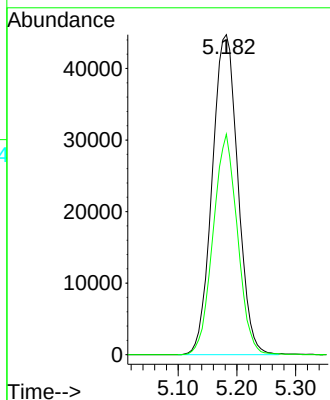


#30
Chloroform
Concen: 28.71 ug/l
RT: 5.182 min Scan# 696
Delta R.T. 0.006 min
Lab File: VX021040.D
Acq: 05 Mar 2021 17:10

Instrument :
MSVOA_X
ClientSampleId :
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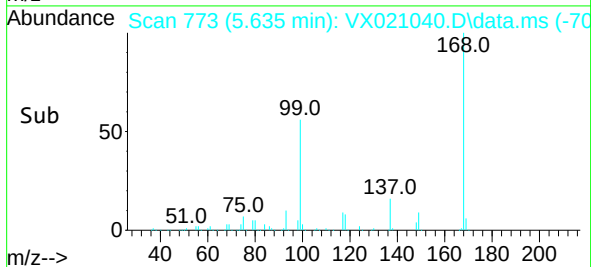
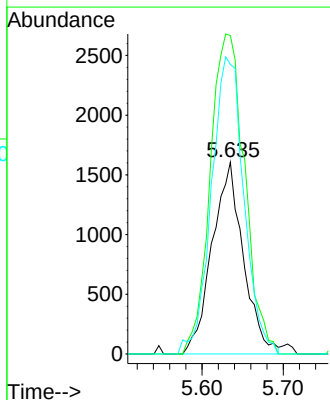
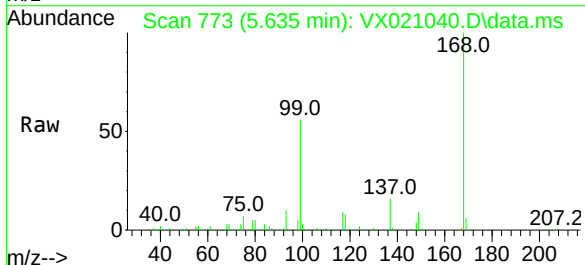


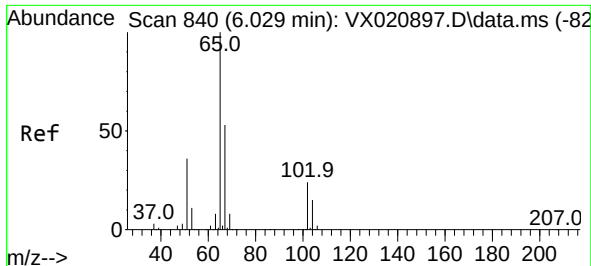
Tgt Ion: 83 Resp: 135919
Ion Ratio Lower Upper
83 100
85 68.9 52.0 78.0



#31
Cyclohexane
Concen: 1.01 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.088 min
Lab File: VX021040.D
Acq: 05 Mar 2021 17:10

Tgt Ion: 56 Resp: 4285
Ion Ratio Lower Upper
56 100
69 165.9 25.3 37.9#
84 151.0 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 49.17 ug/l

RT: 6.035 min Scan# 841

Delta R.T. 0.006 min

Lab File: VX021040.D

Acq: 05 Mar 2021 17:10

Tgt Ion: 65 Resp: 144086

Ion Ratio Lower Upper

65 100

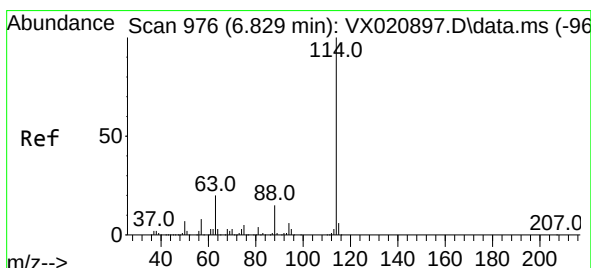
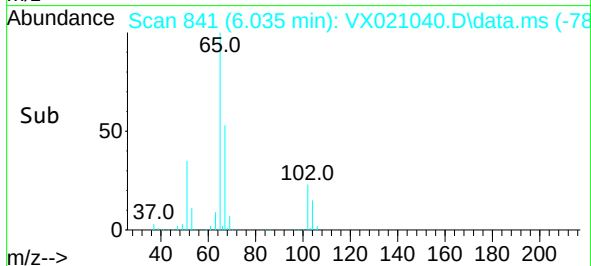
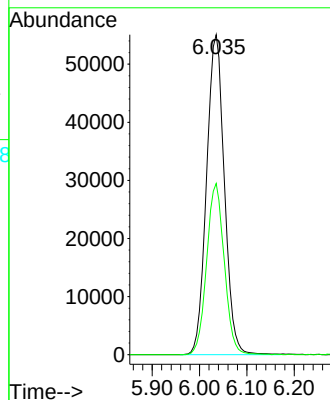
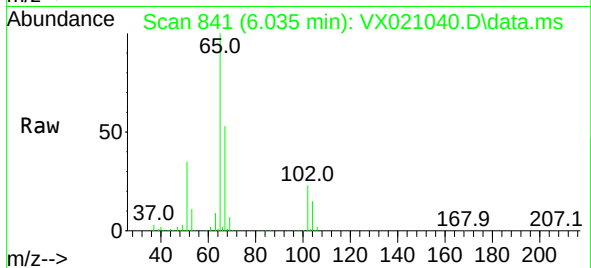
67 52.8 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

IDW-GW803-AQ-030321



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.829 min Scan# 976

Delta R.T. 0.000 min

Lab File: VX021040.D

Acq: 05 Mar 2021 17:10

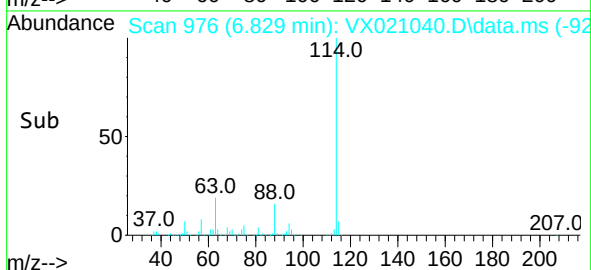
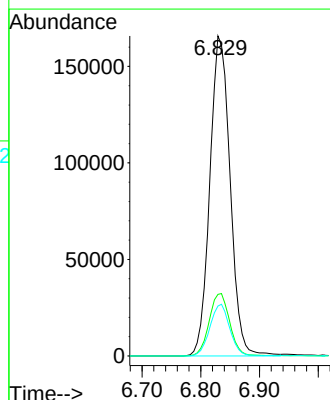
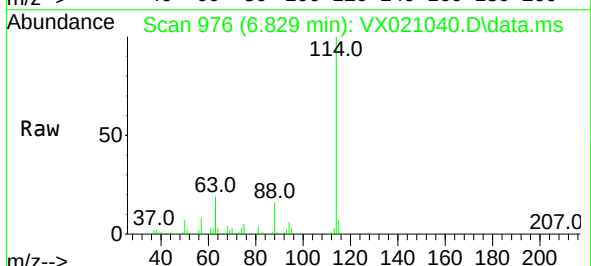
Tgt Ion: 114 Resp: 398301

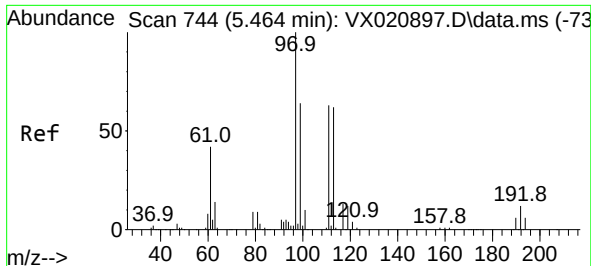
Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.8

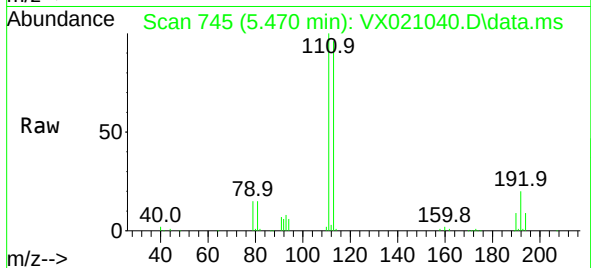
88 15.6 0.0 32.8



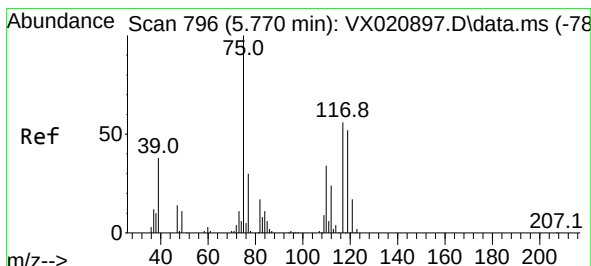
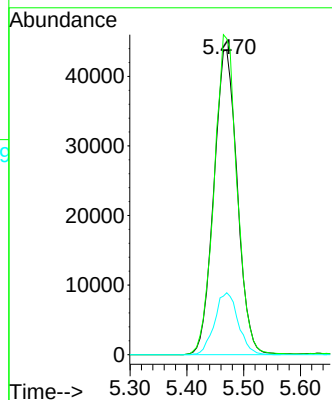
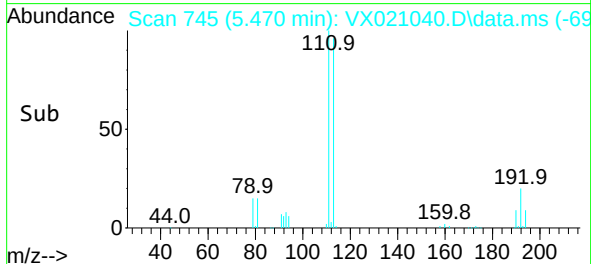


#35
Dibromofluoromethane
Concen: 51.92 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021040.D
Acq: 05 Mar 2021 17:10

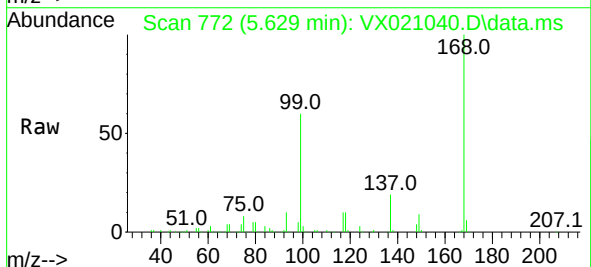
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW803-AQ-030321



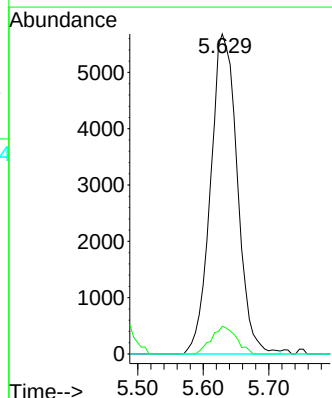
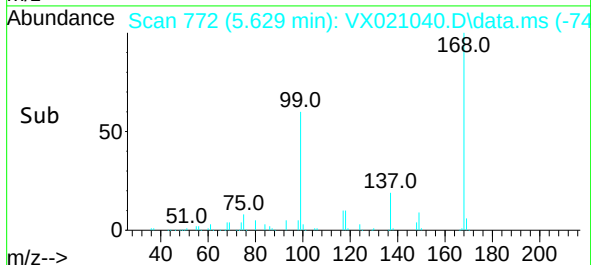
Tgt Ion:113 Resp: 125648
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 20.4 16.7 25.1

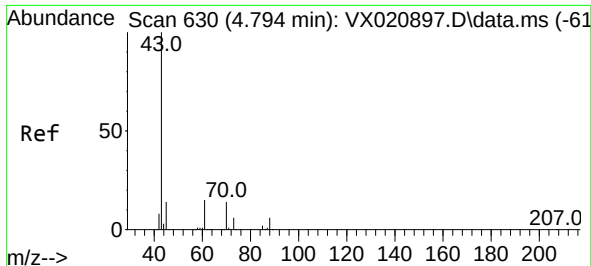


#36
1,1-Dichloropropene
Concen: 4.25 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021040.D
Acq: 05 Mar 2021 17:10



Tgt Ion: 75 Resp: 16100
Ion Ratio Lower Upper
75 100
110 8.0 18.1 54.4#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 0.87 ug/l

RT: 4.647 min Scan# 605

Delta R.T. -0.147 min

Lab File: VX021040.D

Acq: 05 Mar 2021 17:10

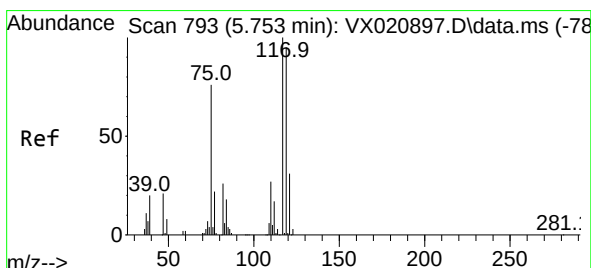
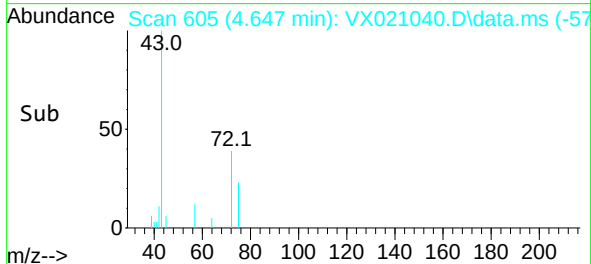
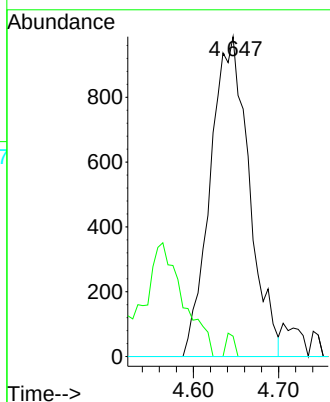
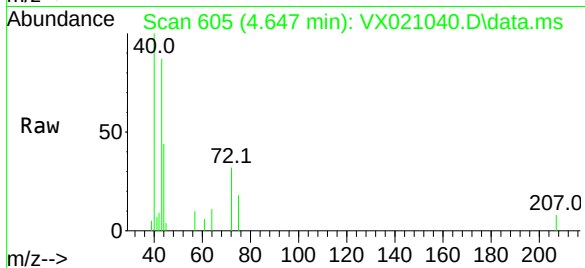
Instrument :

MSVOA_X

ClientSampleId :

IDW-GW803-AQ-030321

Tgt Ion:	43	Resp:	3118
Ion	Ratio	Lower	Upper
43	100		
61	1.5	12.8	19.2#
70	0.0	10.5	15.7#



#38

Carbon Tetrachloride

Concen: 5.47 ug/l

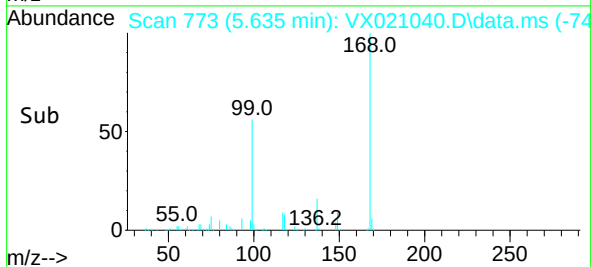
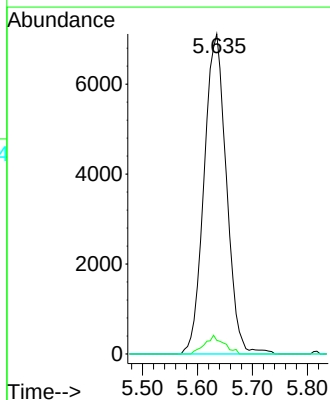
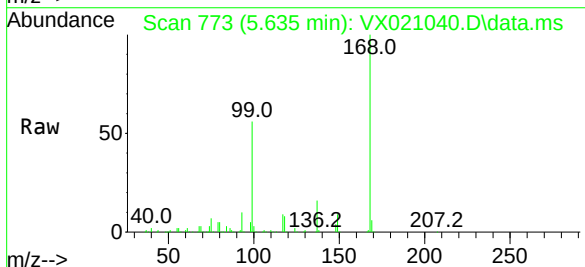
RT: 5.635 min Scan# 773

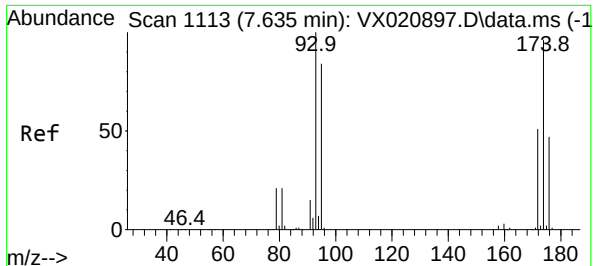
Delta R.T. -0.118 min

Lab File: VX021040.D

Acq: 05 Mar 2021 17:10

Tgt Ion:	117	Resp:	20082
Ion	Ratio	Lower	Upper
117	100		
119	4.3	76.2	114.2#
121	0.0	24.8	37.2#

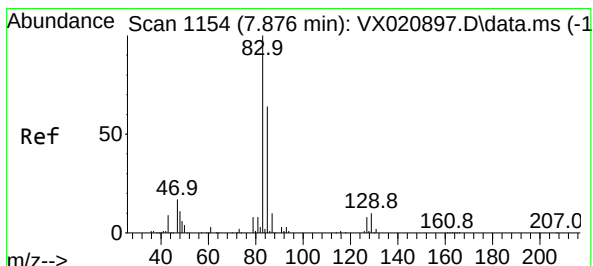
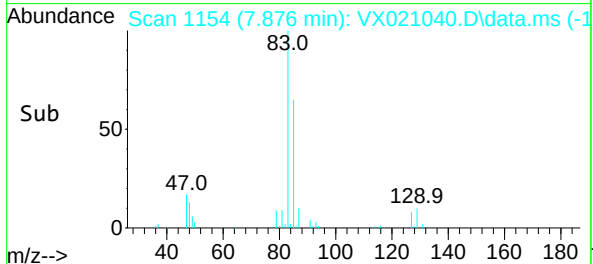
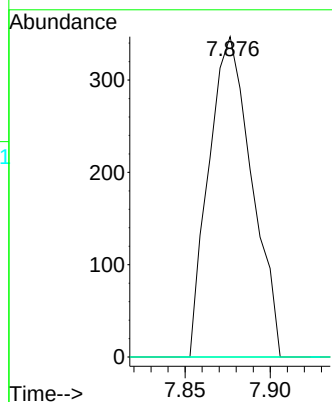
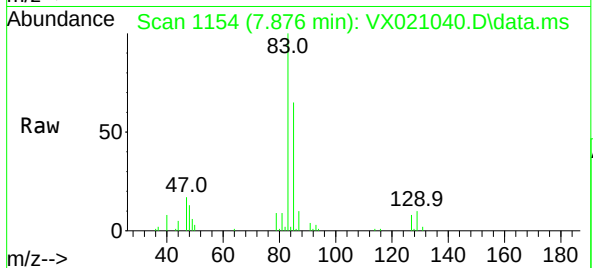




#46
Dibromomethane
Concen: 0.32 ug/l
RT: 7.876 min Scan# 1154
Delta R.T. 0.241 min
Lab File: VX021040.D
Acq: 05 Mar 2021 17:10

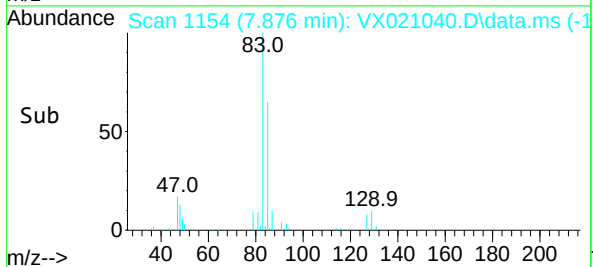
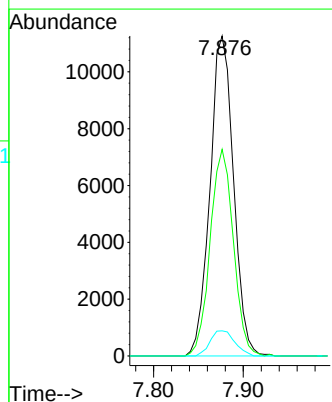
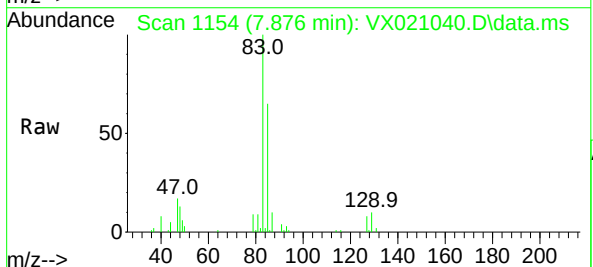
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW803-AQ-030321

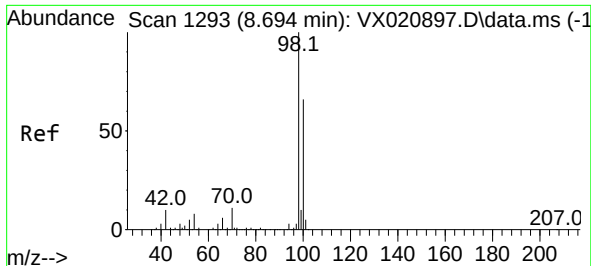
Tgt Ion: 93 Resp: 610
Ion Ratio Lower Upper
93 100
95 0.0 66.8 100.2#
174 0.0 83.1 124.7#



#47
Bromodichloromethane
Concen: 5.14 ug/l
RT: 7.876 min Scan# 1154
Delta R.T. 0.000 min
Lab File: VX021040.D
Acq: 05 Mar 2021 17:10

Tgt Ion: 83 Resp: 20516
Ion Ratio Lower Upper
83 100
85 64.5 51.4 77.0
127 7.9 6.8 10.2

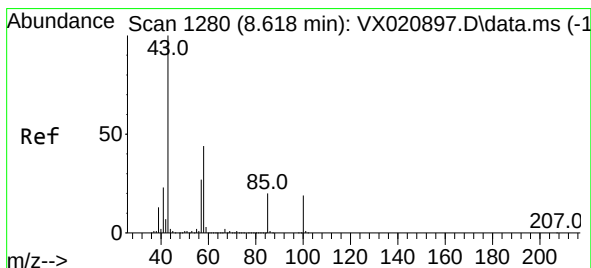
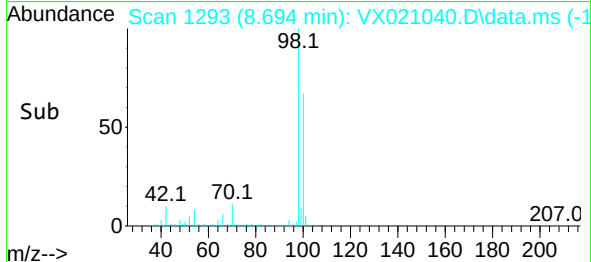
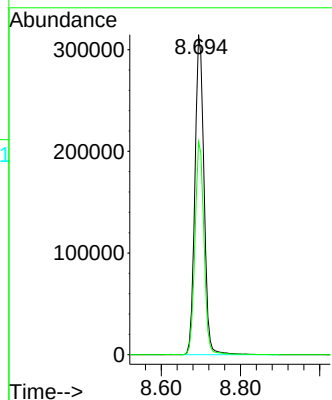
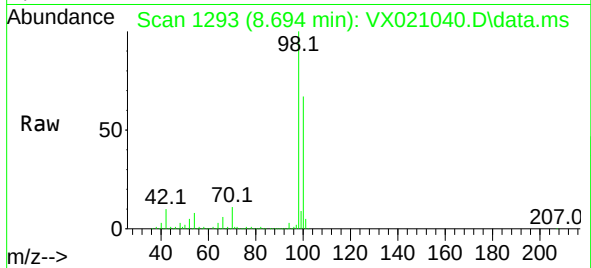




#50
Toluene-d8
Concen: 52.86 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021040.D
Acq: 05 Mar 2021 17:10

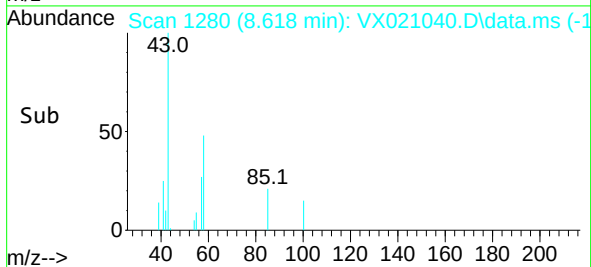
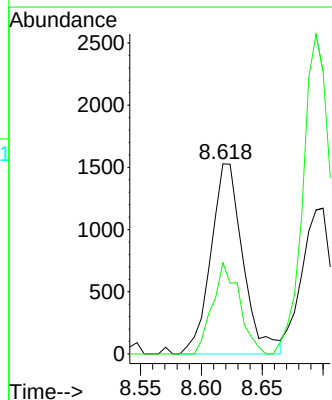
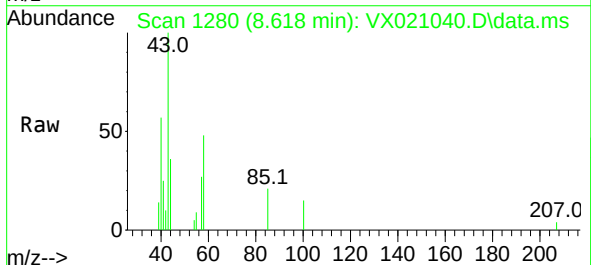
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW803-AQ-030321

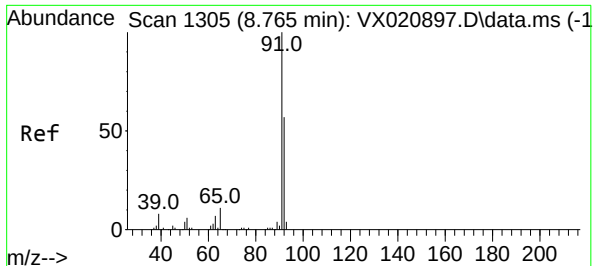
Tgt Ion: 98 Resp: 498820
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.79 ug/l
RT: 8.618 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VX021040.D
Acq: 05 Mar 2021 17:10

Tgt Ion: 43 Resp: 2806
Ion Ratio Lower Upper
43 100
58 40.0 35.4 53.0





#52

Toluene

Concen: 0.51 ug/l

RT: 8.765 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VX021040.D

Acq: 05 Mar 2021 17:10

Tgt Ion: 92 Resp: 3633

Ion Ratio Lower Upper

92 100

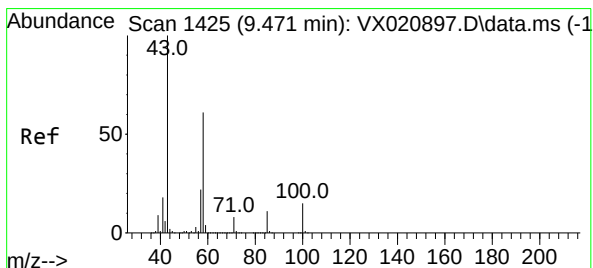
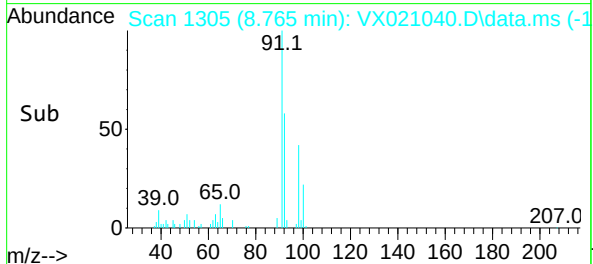
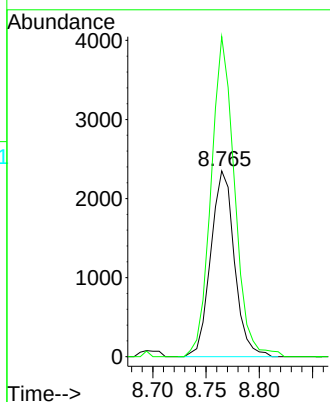
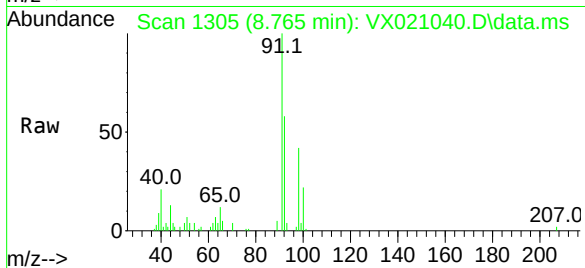
91 170.6 137.1 205.7

Instrument :

MSVOA_X

ClientSampleId :

IDW-GW803-AQ-030321



#59

2-Hexanone

Concen: 0.24 ug/l

RT: 9.477 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VX021040.D

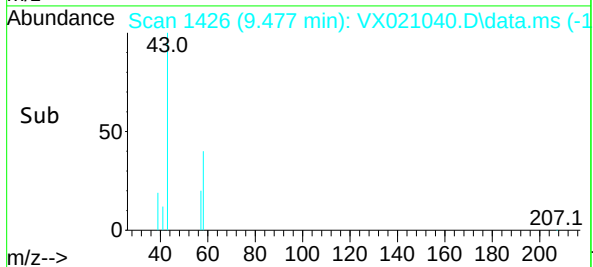
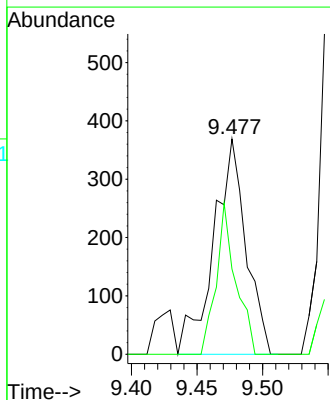
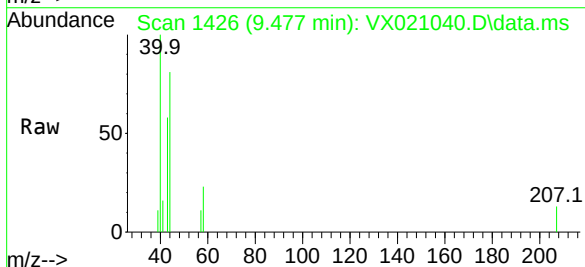
Acq: 05 Mar 2021 17:10

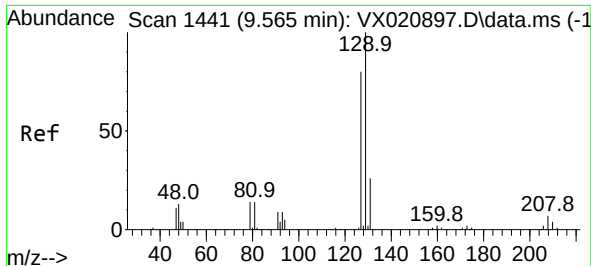
Tgt Ion: 43 Resp: 635

Ion Ratio Lower Upper

43 100

58 42.2 30.9 92.8

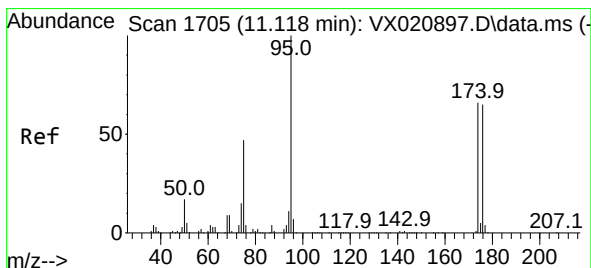
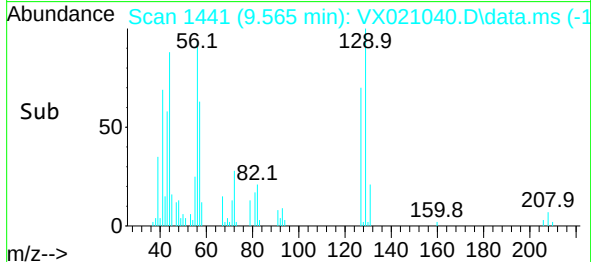
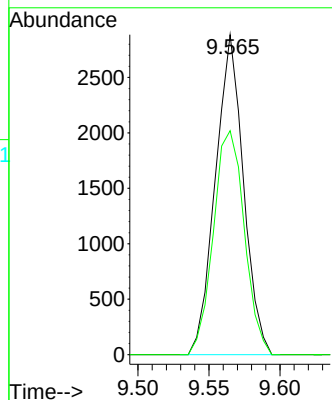
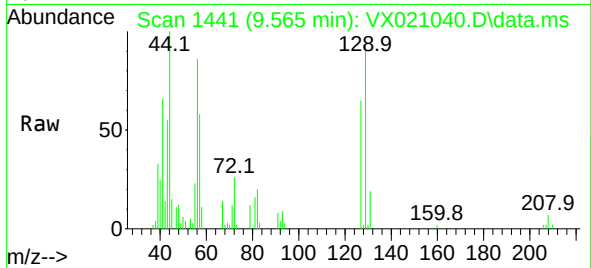




#60
Dibromochloromethane
Concen: 1.34 ug/l
RT: 9.565 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VX021040.D
Acq: 05 Mar 2021 17:10

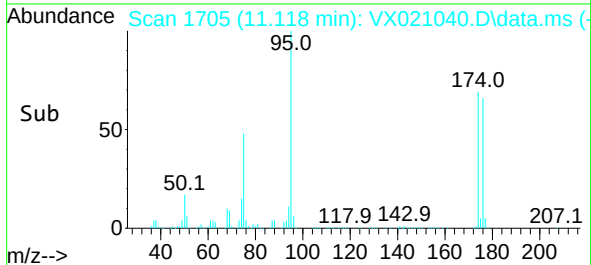
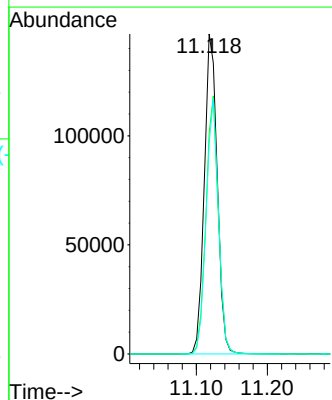
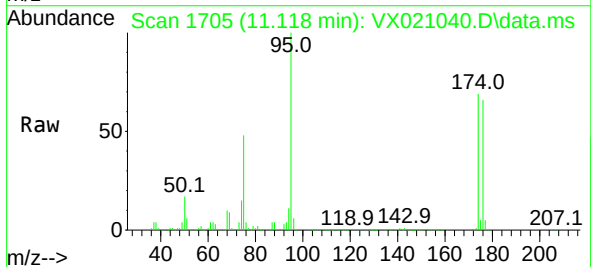
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW803-AQ-030321

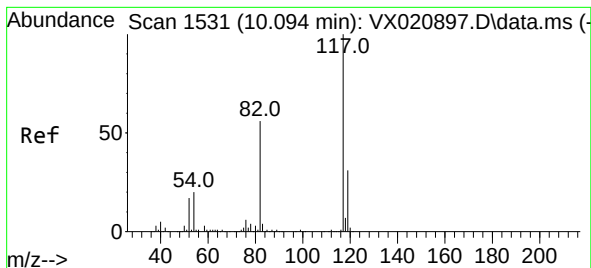
Tgt Ion:129 Resp: 3962
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.2



#62
4-Bromofluorobenzene
Concen: 53.31 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021040.D
Acq: 05 Mar 2021 17:10

Tgt Ion: 95 Resp: 186005
Ion Ratio Lower Upper
95 100
174 77.5 0.0 154.6
176 76.4 0.0 155.8

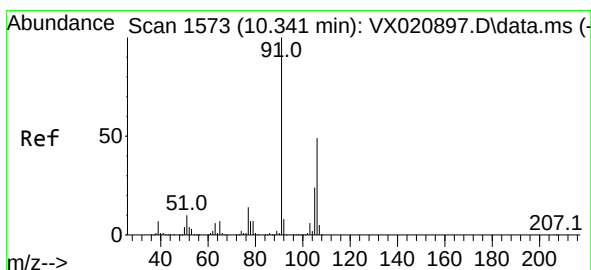
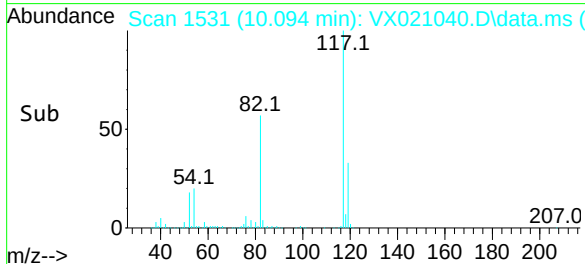
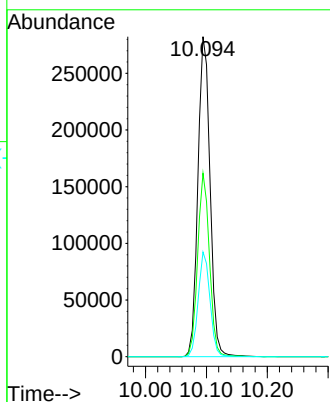
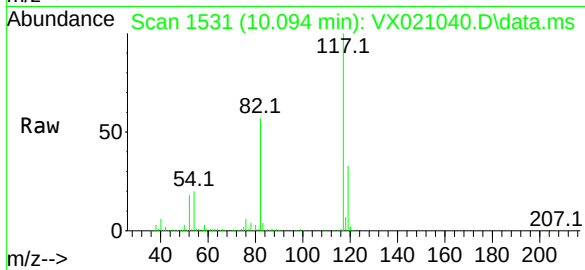




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021040.D
Acq: 05 Mar 2021 17:10

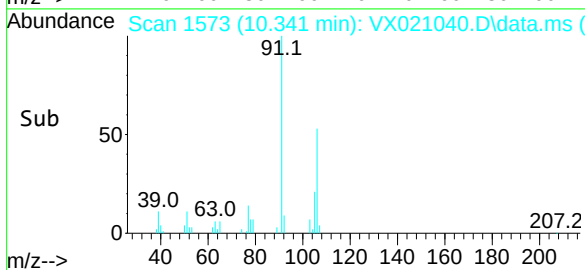
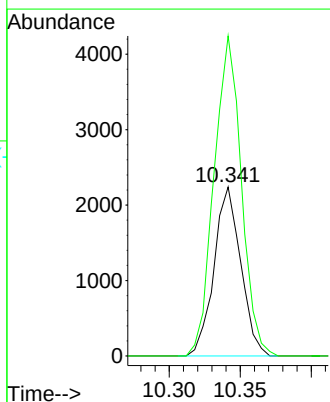
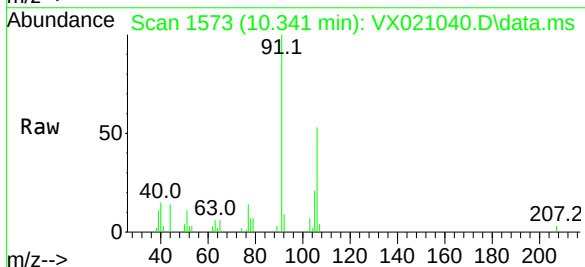
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW803-AQ-030321

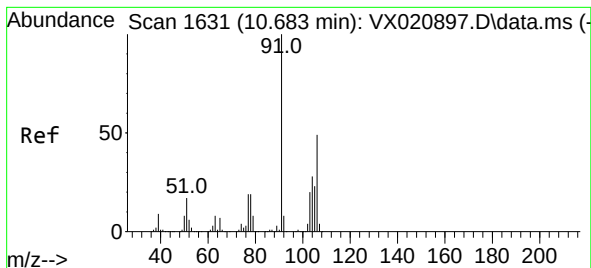
Tgt Ion:117 Resp: 391440
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 32.7 26.6 39.8



#68
m/p-Xylenes
Concen: 0.53 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021040.D
Acq: 05 Mar 2021 17:10

Tgt Ion:106 Resp: 2934
Ion Ratio Lower Upper
106 100
91 193.3 162.8 244.2

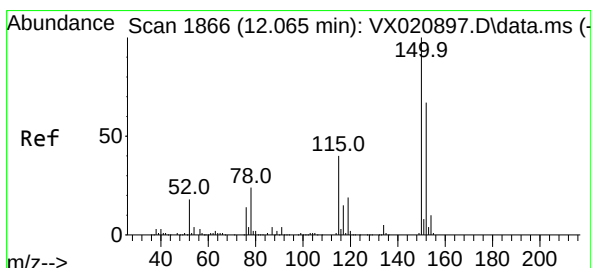
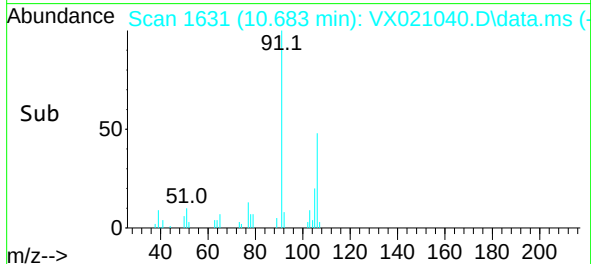
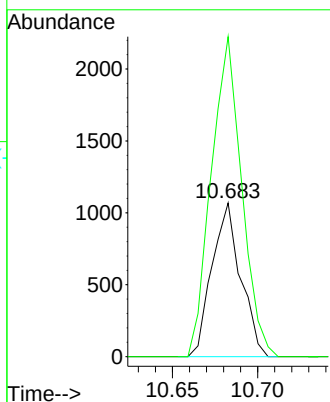
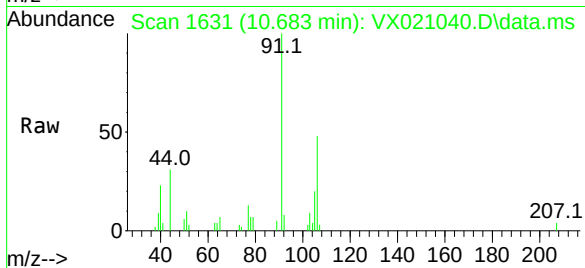




#69
o-Xylene
Concen: 0.23 ug/l
RT: 10.683 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VX021040.D
Acq: 05 Mar 2021 17:10

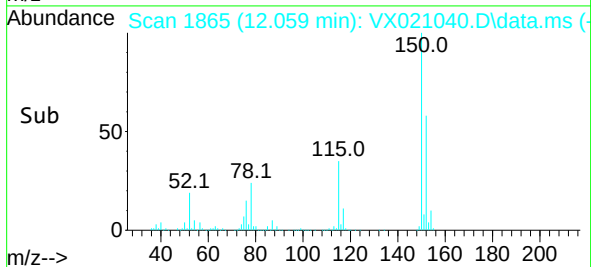
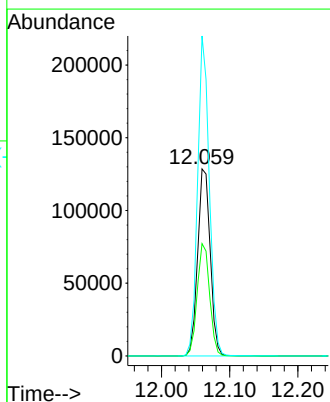
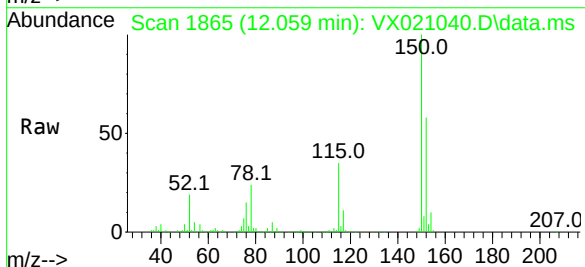
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW803-AQ-030321

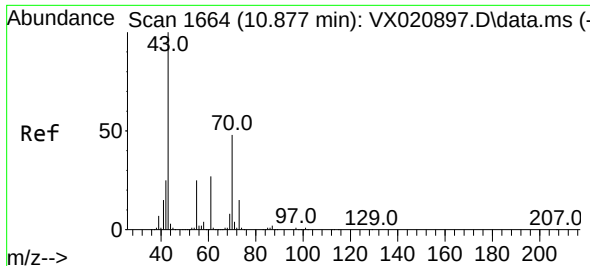
Tgt Ion:106 Resp: 1255
Ion Ratio Lower Upper
106 100
91 220.4 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021040.D
Acq: 05 Mar 2021 17:10

Tgt Ion:152 Resp: 164794
Ion Ratio Lower Upper
152 100
115 59.5 41.1 123.3
150 159.2 0.0 349.0

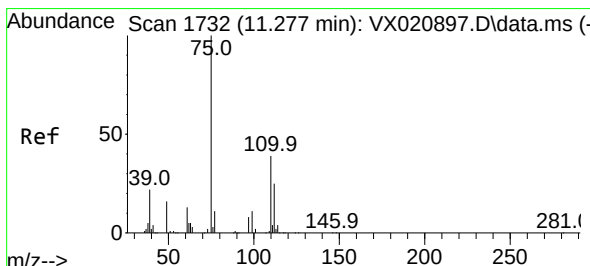
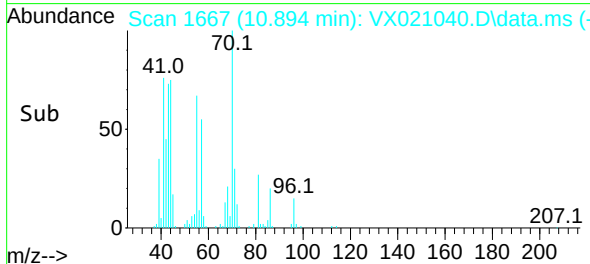
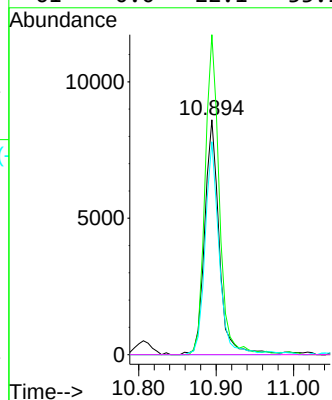
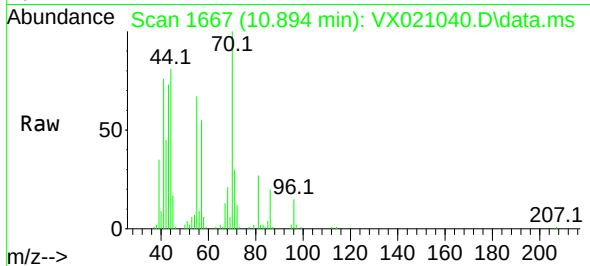




#74
N-amy1 acetate
Concen: 2.13 ug/l
RT: 10.894 min Scan# 1667
Delta R.T. 0.018 min
Lab File: VX021040.D
Acq: 05 Mar 2021 17:10

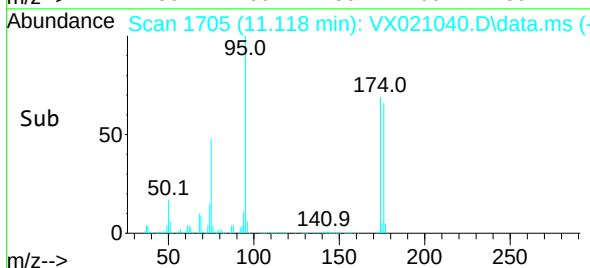
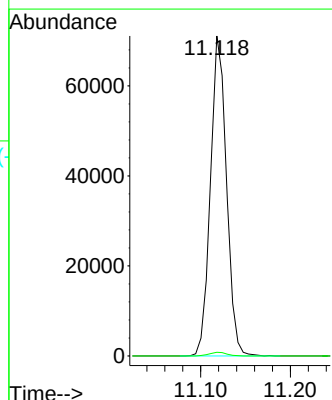
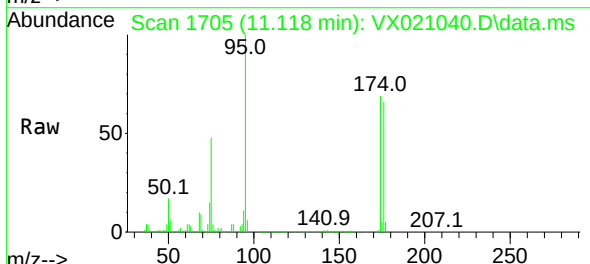
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW803-AQ-030321

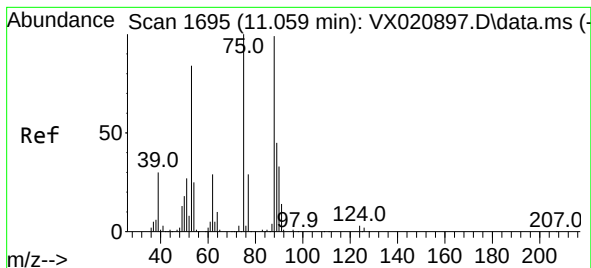
Tgt Ion: 43	Resp: 11214
Ion Ratio	Lower Upper
43	100
70	133.2 39.0 58.6#
55	86.9 21.5 32.3#
61	0.0 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 24.93 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021040.D
Acq: 05 Mar 2021 17:10

Tgt Ion: 75	Resp: 88379
Ion Ratio	Lower Upper
75	100
77	1.2 19.1 57.5#

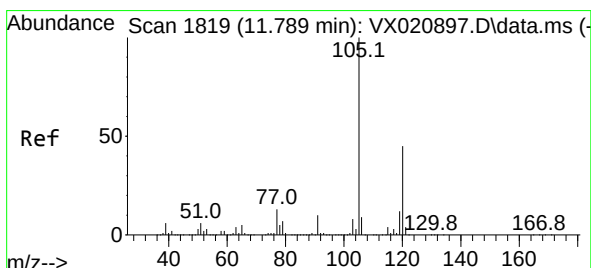
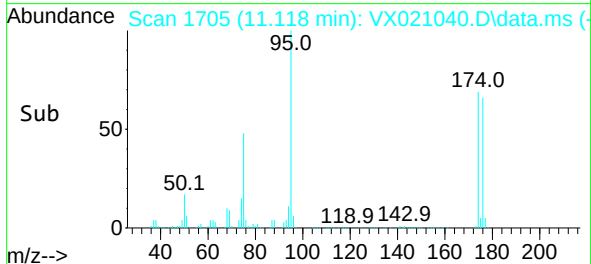
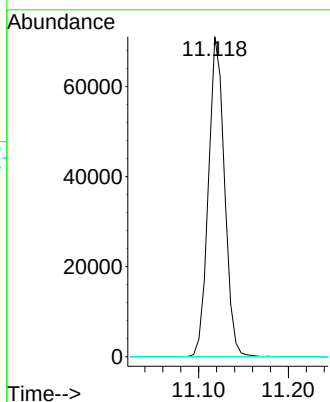
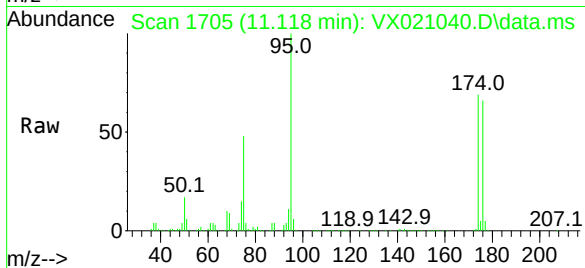




#81
trans-1,4-Dichloro-2-butene
Concen: 55.19 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021040.D
Acq: 05 Mar 2021 17:10

Instrument :
MSVOA_X
ClientSampleId :
IDW-GW803-AQ-030321

Tgt Ion: 75 Resp: 88379
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#84
1,2,4-Trimethylbenzene
Concen: 0.38 ug/l
RT: 11.789 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VX021040.D
Acq: 05 Mar 2021 17:10

Tgt Ion: 105 Resp: 4141
Ion Ratio Lower Upper
105 100
120 45.4 22.4 67.3

