

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030821\
 Data File : VX021090.D
 Acq On : 09 Mar 2021 03:03
 Operator : JC/MD
 Sample : M1576-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-GW804-SO-030421

Quant Time: Mar 09 04:25:50 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)

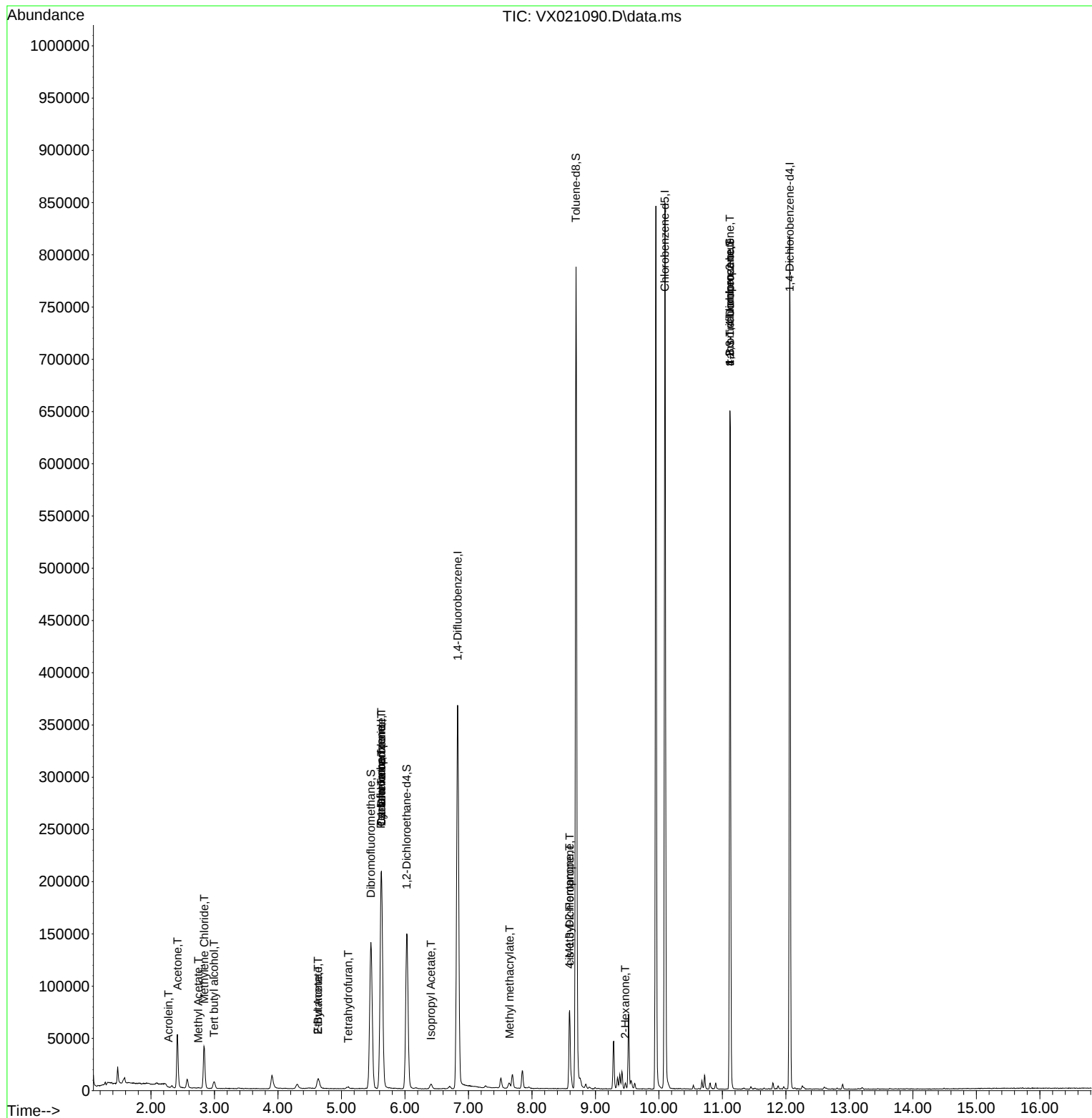
Internal Standards						
1) Pentafluorobenzene	5.623	168	209285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	384625	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	388786	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	176201	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	140505	49.70	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 99.40%			
35) Dibromofluoromethane	5.464	113	123459	52.83	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.66%			
50) Toluene-d8	8.694	98	483641	53.08	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.16%			
62) 4-Bromofluorobenzene	11.118	95	184102	54.64	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.28%			
Target Compounds						Qvalue
5) Bromomethane	1.634	94	356	Below Cal		88
11) Tert butyl alcohol	2.993	59	4584	7.28 ug/l #		77
13) Acrolein	2.275	56	125	0.32 ug/l		98
16) Acetone	2.417	43	53851	46.23 ug/l		96
18) Methyl Acetate	2.746	43	869	0.32 ug/l #		87
20) Methylene Chloride	2.840	84	19798	7.09 ug/l		98
25) 2-Butanone	4.629	43	12551	7.09 ug/l		98
29) Tetrahydrofuran	5.105	42	1565	1.38 ug/l		89
31) Cyclohexane	5.629	56	4142	1.01 ug/l #		1
36) 1,1-Dichloropropene	5.629	75	16028	4.38 ug/l #		47
37) Ethyl Acetate	4.629	43	12551	3.61 ug/l #		69
38) Carbon Tetrachloride	5.629	117	19969	5.64 ug/l #		16
43) Isopropyl Acetate	6.411	43	5793	0.98 ug/l		97
48) Methyl methacrylate	7.647	41	5872	1.98 ug/l #		21
51) 4-Methyl-2-Pentanone	8.588	43	29013	8.42 ug/l #		32
54) cis-1,3-Dichloropropene	8.594	75	13238	2.80 ug/l #		59
59) 2-Hexanone	9.470	43	2402	0.93 ug/l		87
76) 1,2,3-Trichloropropane	11.118	75	89797	23.69 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	89797	52.45 ug/l #		12

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

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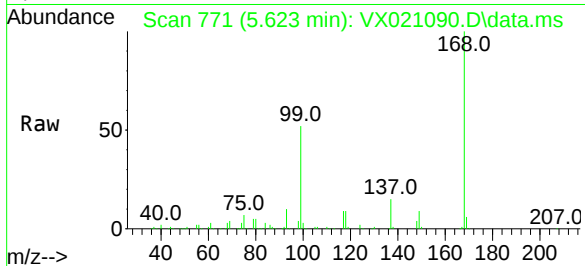
Quant Time: Mar 09 04:25:50 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 24 13:50:55 2021
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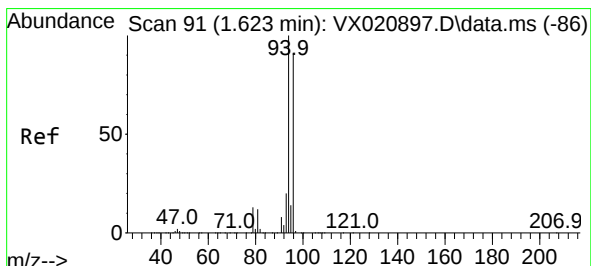
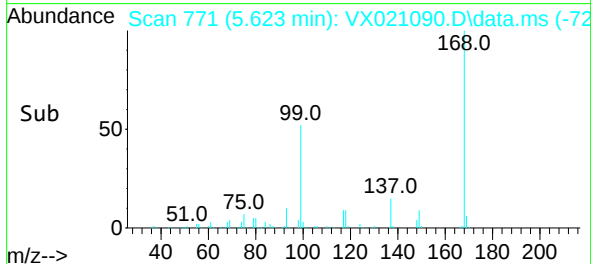
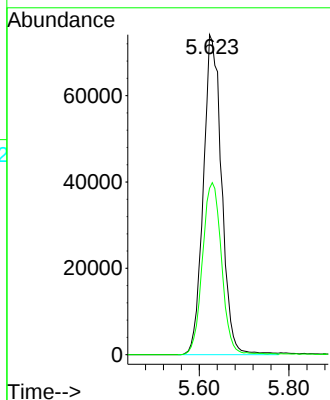


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.000 min
Lab File: VX021090.D
Acq: 09 Mar 2021 03:03

Instrument :
MSVOA_X
ClientSampleId :
IDW-GW804-SO-030421

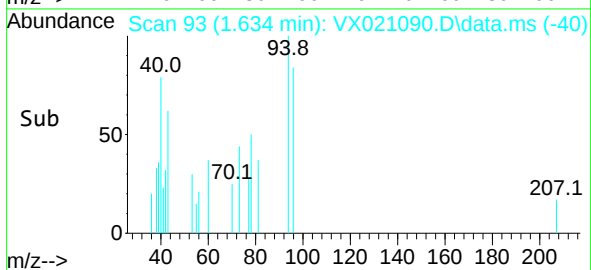
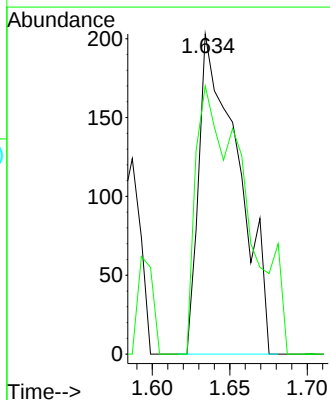
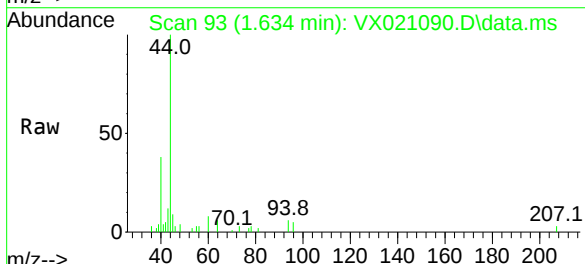


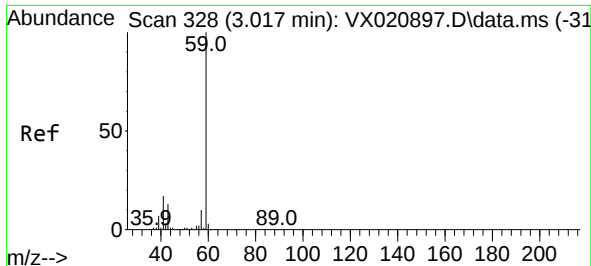
Tgt Ion:168 Resp: 209285
Ion Ratio Lower Upper
168 100
99 52.0 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX021090.D
Acq: 09 Mar 2021 03:03

Tgt Ion: 94 Resp: 356
Ion Ratio Lower Upper
94 100
96 83.7 76.4 114.6

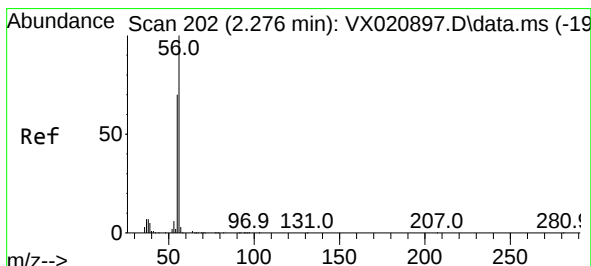
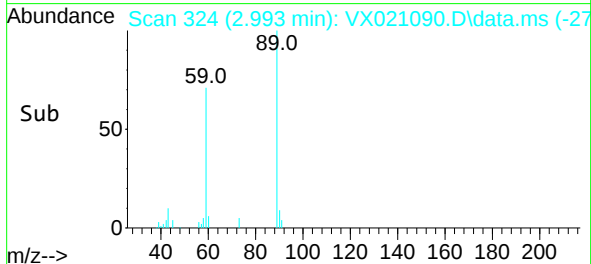
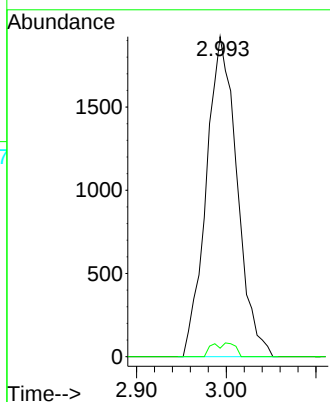
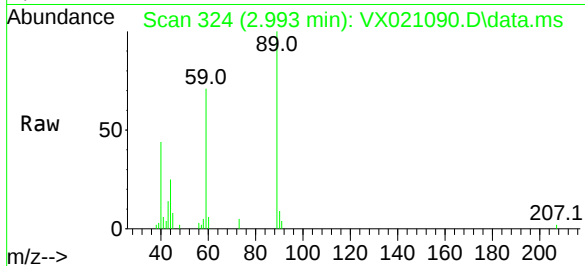




#11
Tert butyl alcohol
Concen: 7.28 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.024 min
Lab File: VX021090.D
Acq: 09 Mar 2021 03:03

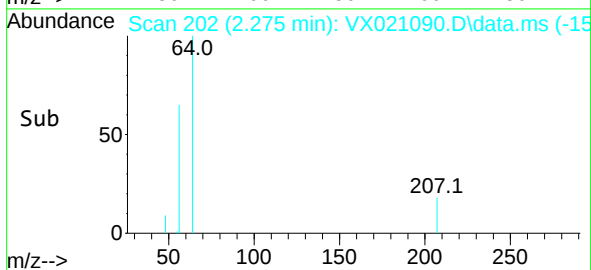
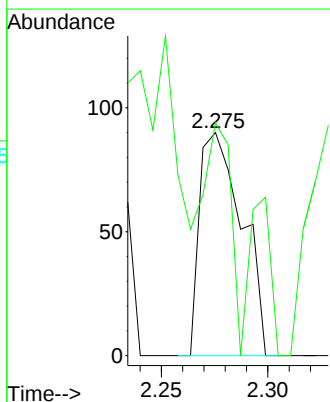
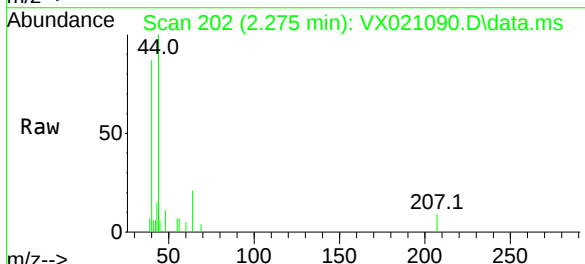
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW804-SO-030421

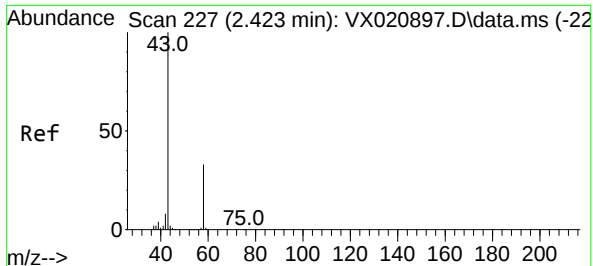
Tgt Ion: 59 Resp: 4584
Ion Ratio Lower Upper
59 100
57 1.5 7.8 11.8#



#13
Acrolein
Concen: 0.32 ug/l
RT: 2.275 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX021090.D
Acq: 09 Mar 2021 03:03

Tgt Ion: 56 Resp: 125
Ion Ratio Lower Upper
56 100
55 68.8 56.4 84.6

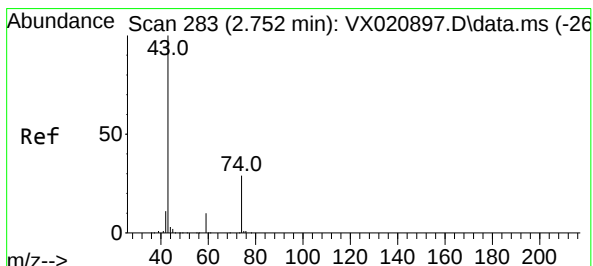
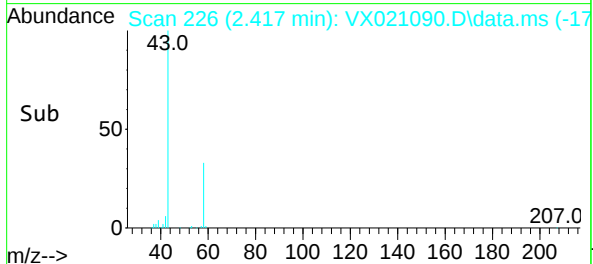
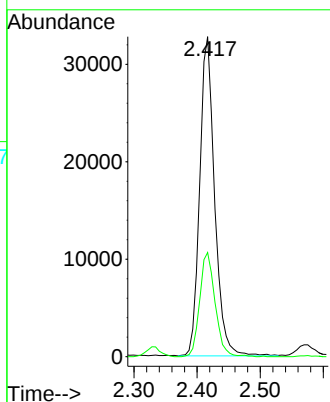
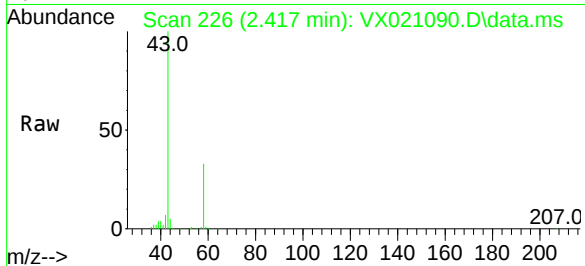




#16
Acetone
Concen: 46.23 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021090.D
Acq: 09 Mar 2021 03:03

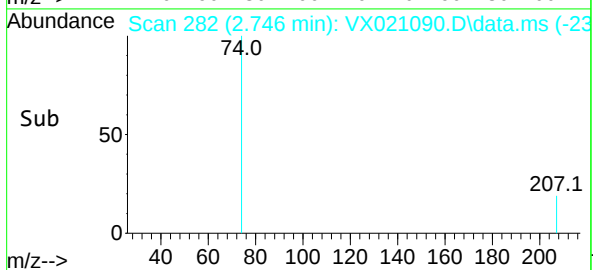
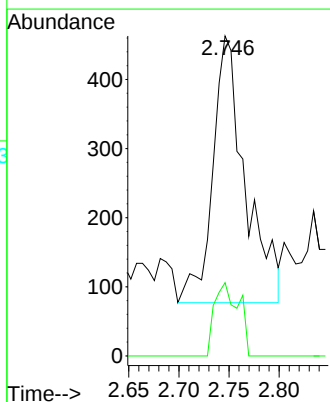
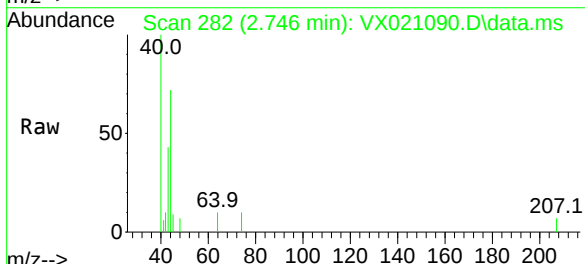
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW804-SO-030421

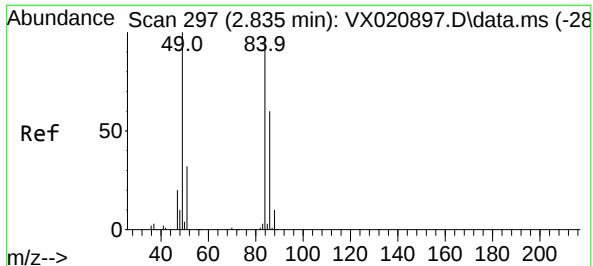
Tgt Ion: 43 Resp: 53851
Ion Ratio Lower Upper
43 100
58 32.6 27.8 41.8



#18
Methyl Acetate
Concen: 0.32 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX021090.D
Acq: 09 Mar 2021 03:03

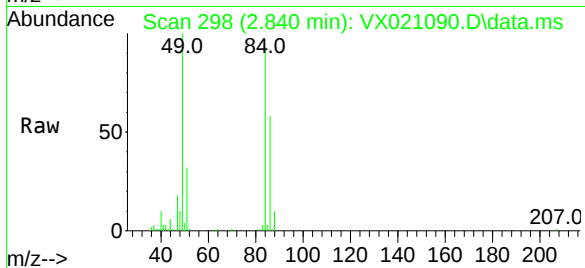
Tgt Ion: 43 Resp: 869
Ion Ratio Lower Upper
43 100
74 20.4 21.9 32.9#





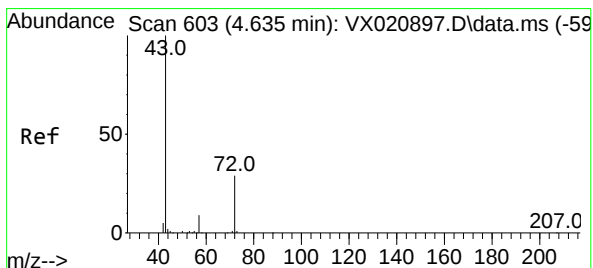
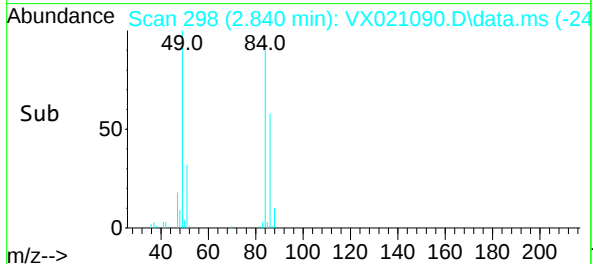
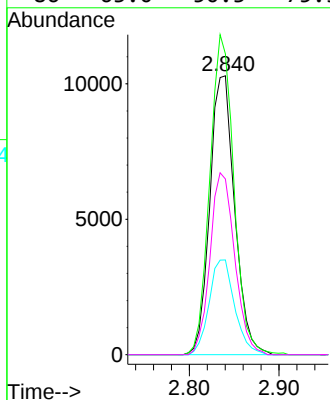
#20
Methylene Chloride
Concen: 7.09 ug/l
RT: 2.840 min Scan# 298
Delta R.T. 0.006 min
Lab File: VX021090.D
Acq: 09 Mar 2021 03:03

Instrument :
MSVOA_X
ClientSampleId :
IDW-GW804-SO-030421



Tgt Ion: 84 Resp: 19798

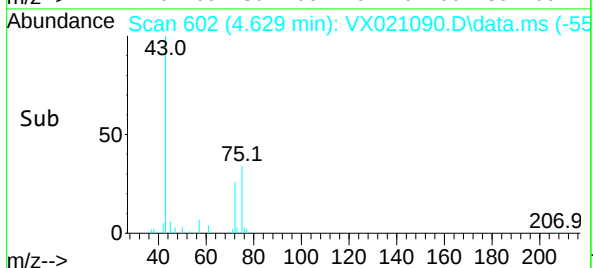
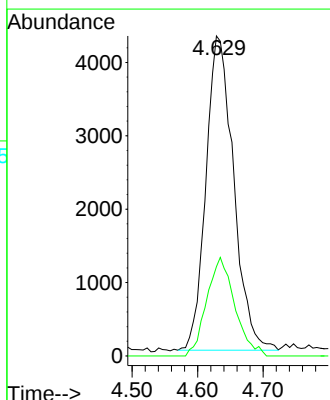
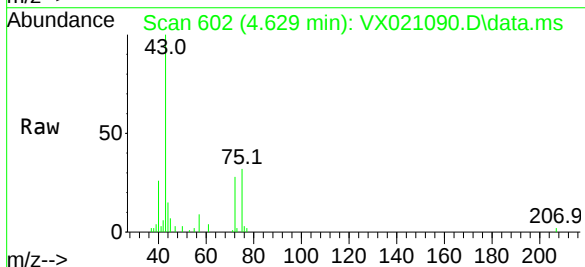
Ion	Ratio	Lower	Upper
84	100		
49	107.9	88.6	132.8
51	34.0	27.0	40.6
86	63.0	50.3	75.5

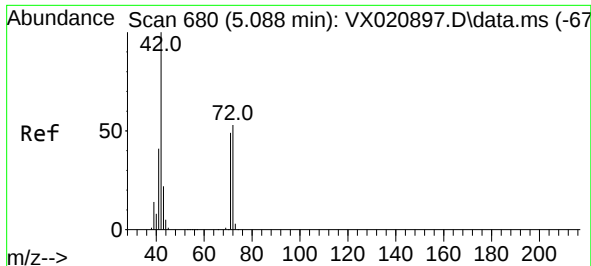


#25
2-Butanone
Concen: 7.09 ug/l
RT: 4.629 min Scan# 602
Delta R.T. -0.006 min
Lab File: VX021090.D
Acq: 09 Mar 2021 03:03

Tgt Ion: 43 Resp: 12551

Ion	Ratio	Lower	Upper
43	100		
72	28.4	23.7	35.5





#29

Tetrahydrofuran

Concen: 1.38 ug/l

RT: 5.105 min Scan# 683

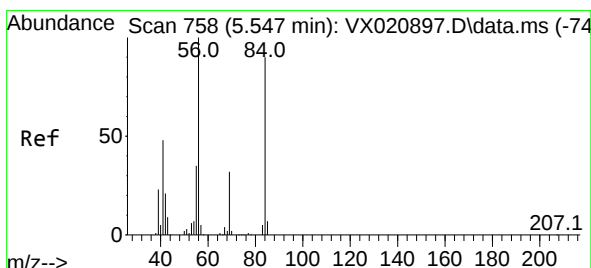
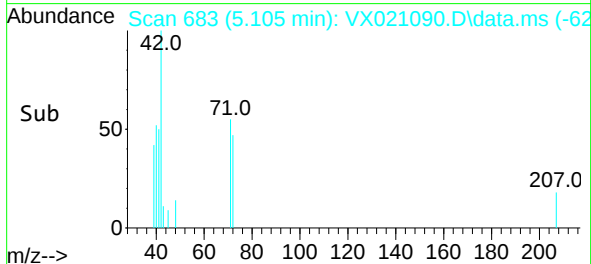
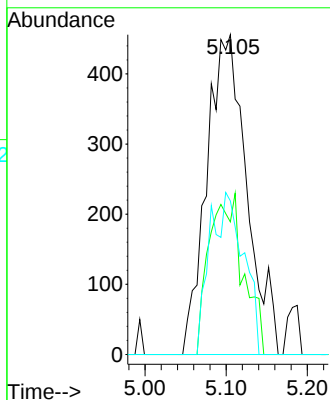
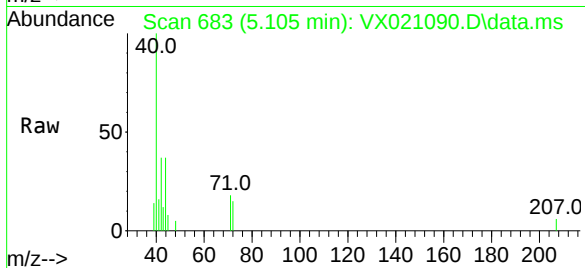
Delta R.T. 0.017 min

Lab File: VX021090.D

Acq: 09 Mar 2021 03:03

Instrument :
MSVOA_X
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Tgt Ion:	42	Resp:	1565
Ion	Ratio	Lower	Upper
42	100		
72	42.7	41.7	62.5
71	42.6	38.4	57.6



#31

Cyclohexane

Concen: 1.01 ug/l

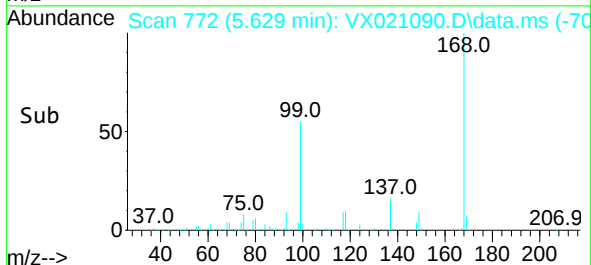
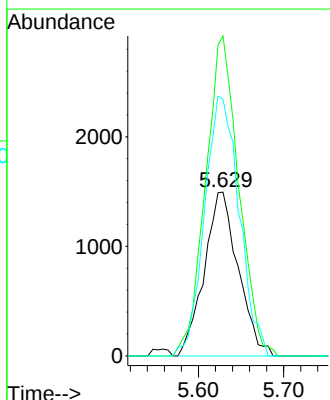
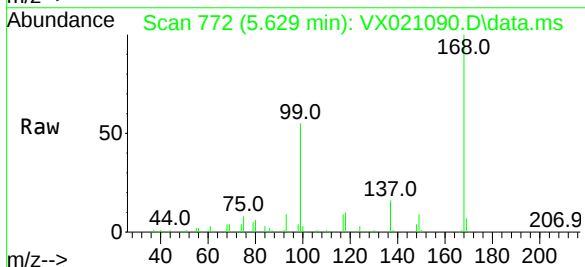
RT: 5.629 min Scan# 772

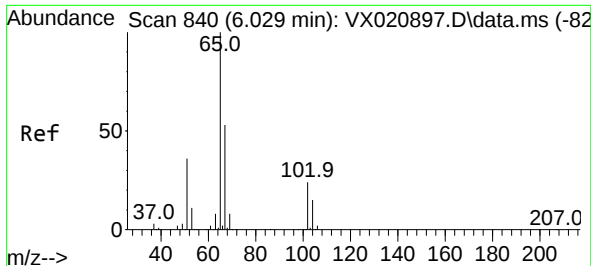
Delta R.T. 0.082 min

Lab File: VX021090.D

Acq: 09 Mar 2021 03:03

Tgt Ion:	56	Resp:	4142
Ion	Ratio	Lower	Upper
56	100		
69	195.3	25.3	37.9#
84	156.7	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 49.70 ug/l

RT: 6.029 min Scan# 840

Delta R.T. -0.000 min

Lab File: VX021090.D

Acq: 09 Mar 2021 03:03

Tgt Ion: 65 Resp: 140505

Ion Ratio Lower Upper

65 100

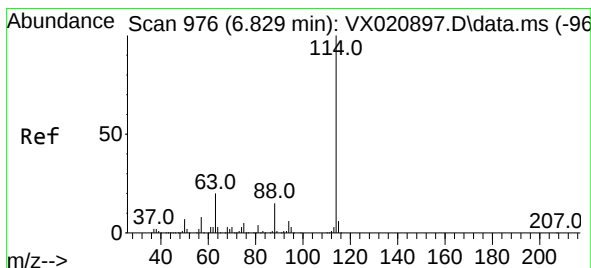
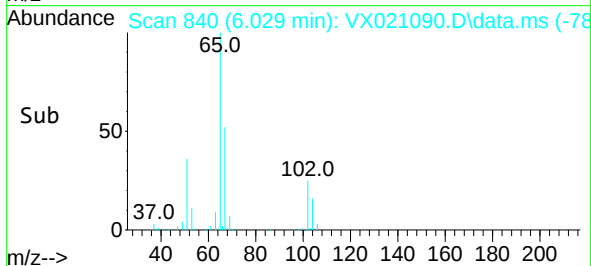
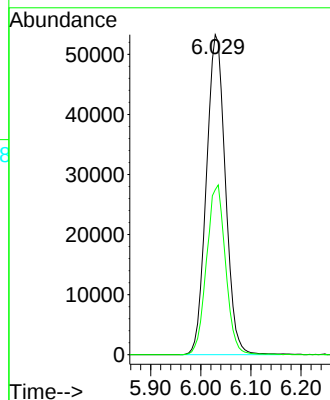
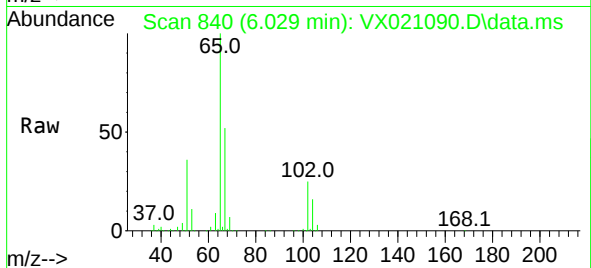
67 52.9 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

IDW-GW804-SO-030421



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.829 min Scan# 976

Delta R.T. -0.000 min

Lab File: VX021090.D

Acq: 09 Mar 2021 03:03

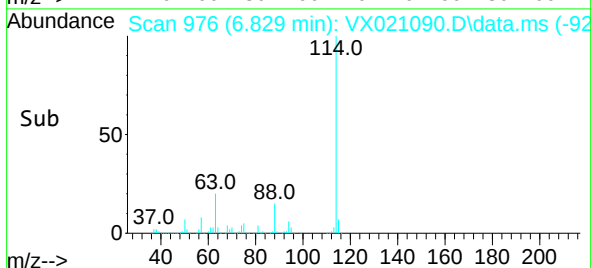
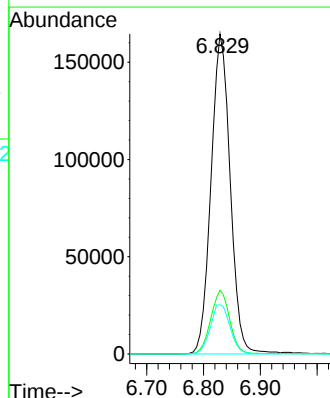
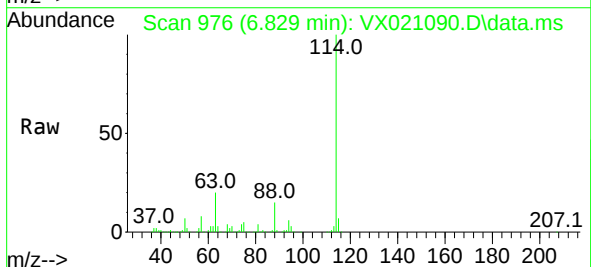
Tgt Ion: 114 Resp: 384625

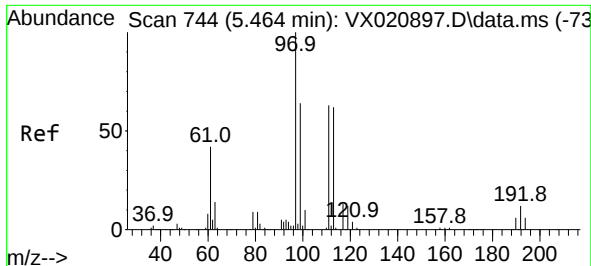
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.8

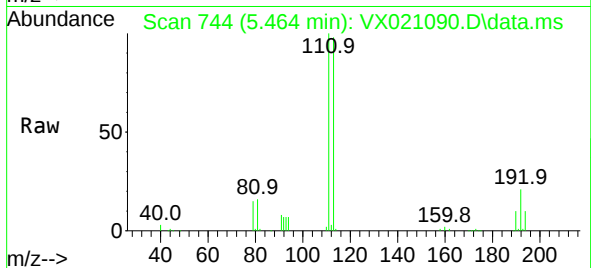
88 15.4 0.0 32.8



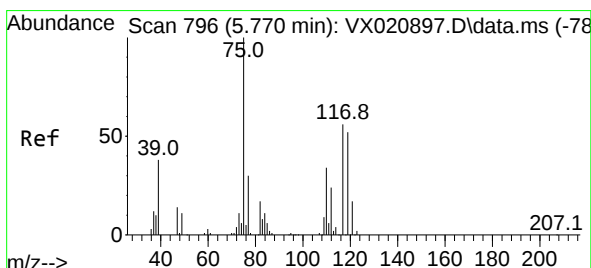
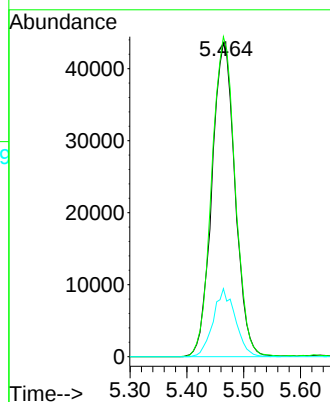
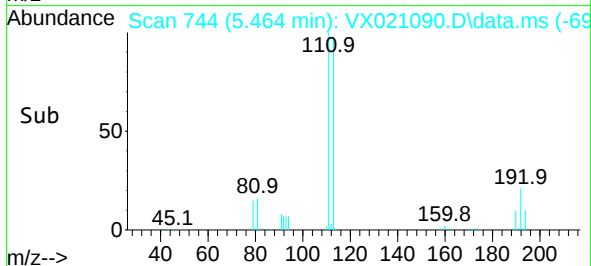


#35
Dibromofluoromethane
Concen: 52.83 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021090.D
Acq: 09 Mar 2021 03:03

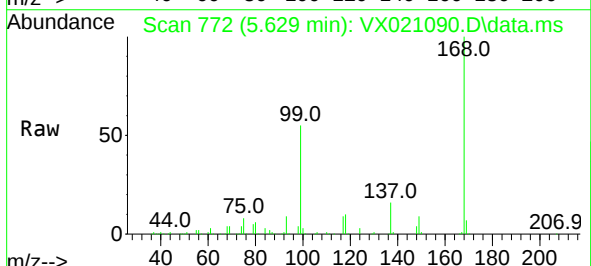
Instrument :
MSVOA_X
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IDW-GW804-SO-030421



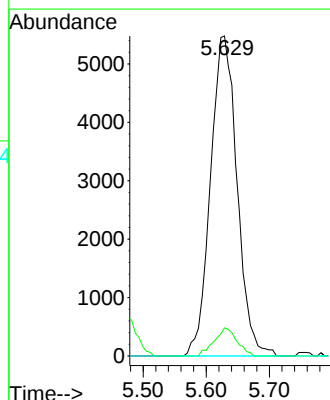
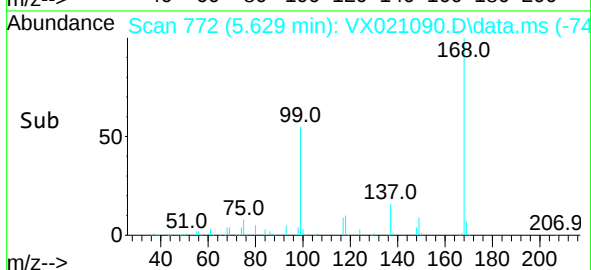
Tgt Ion:113 Resp: 123459
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 20.7 16.7 25.1

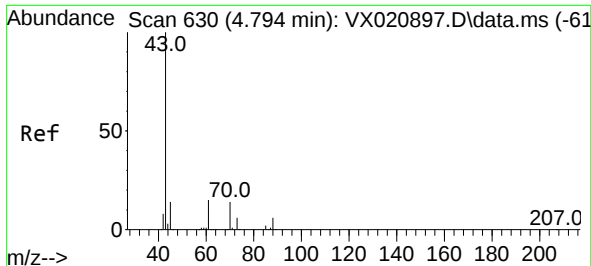


#36
1,1-Dichloropropene
Concen: 4.38 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021090.D
Acq: 09 Mar 2021 03:03



Tgt Ion: 75 Resp: 16028
Ion Ratio Lower Upper
75 100
110 7.5 18.1 54.4#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 3.61 ug/l

RT: 4.629 min Scan# 602

Delta R.T. -0.165 min

Lab File: VX021090.D

Acq: 09 Mar 2021 03:03

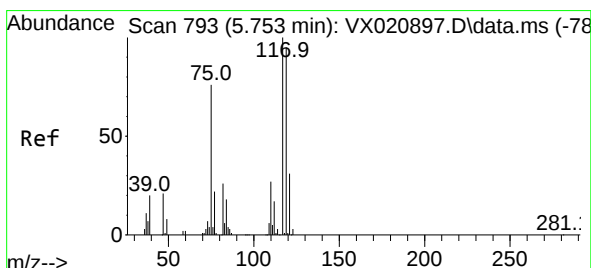
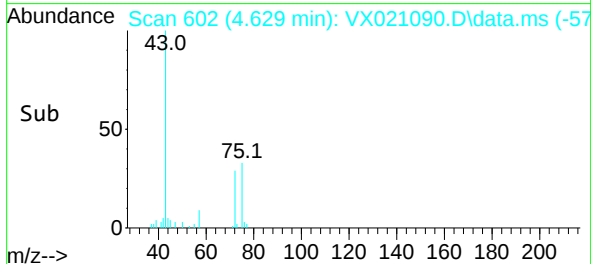
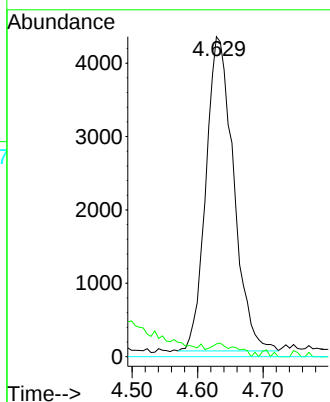
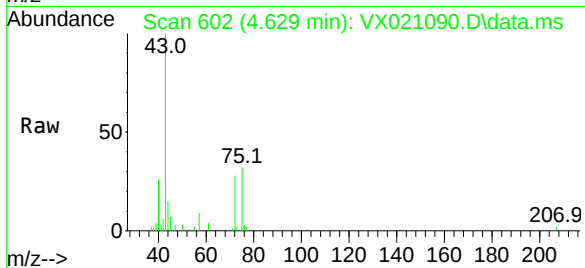
Instrument :

MSVOA_X

ClientSampleId :

IDW-GW804-SO-030421

Tgt Ion: 43	Resp: 12551
Ion Ratio	Lower Upper
43 100	
61 3.6	12.8 19.2#
70 0.0	10.5 15.7#



#38

Carbon Tetrachloride

Concen: 5.64 ug/l

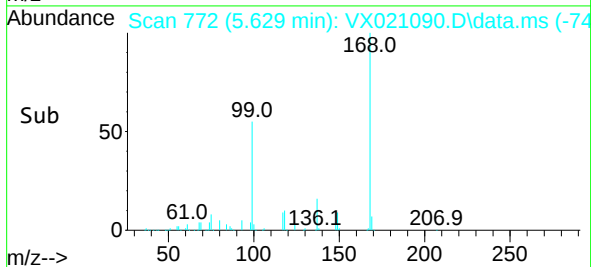
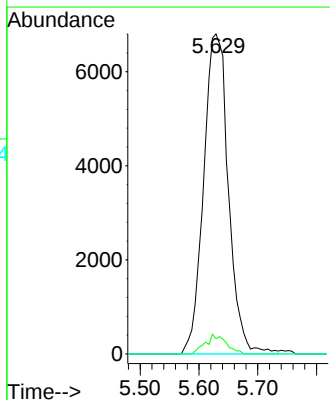
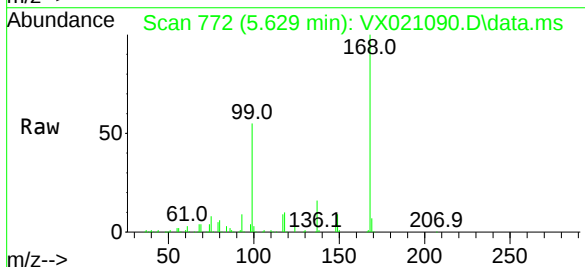
RT: 5.629 min Scan# 772

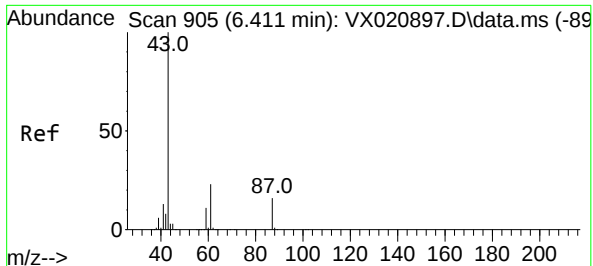
Delta R.T. -0.124 min

Lab File: VX021090.D

Acq: 09 Mar 2021 03:03

Tgt Ion: 117	Resp: 19969
Ion Ratio	Lower Upper
117 100	
119 4.8	76.2 114.2#
121 0.0	24.8 37.2#

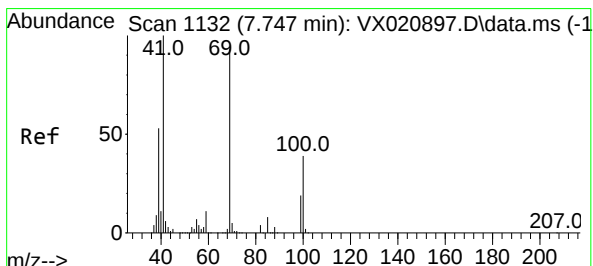
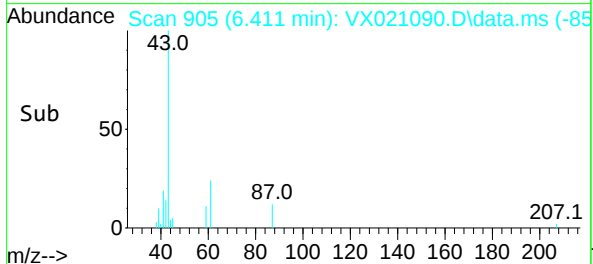
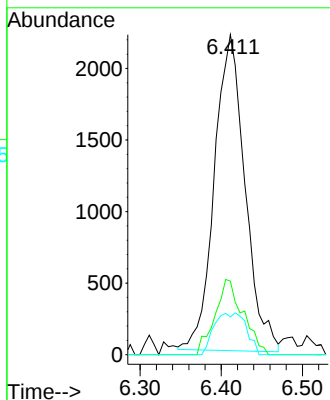
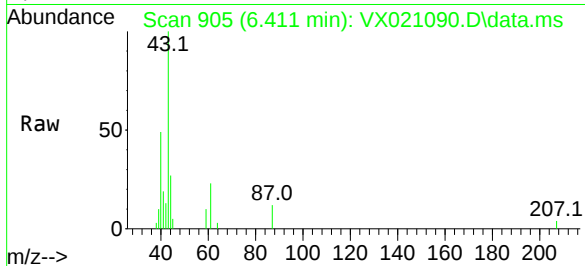




#43
Isopropyl Acetate
Concen: 0.98 ug/l
RT: 6.411 min Scan# 905
Delta R.T. -0.000 min
Lab File: VX021090.D
Acq: 09 Mar 2021 03:03

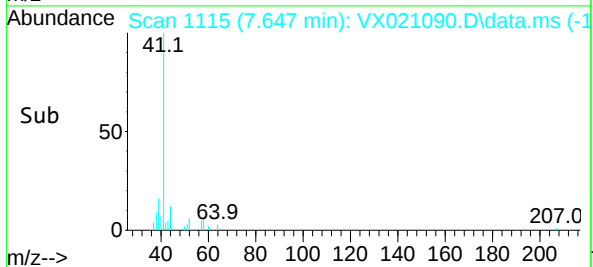
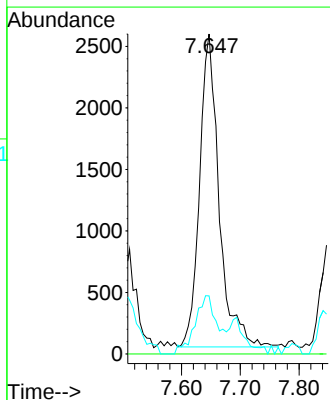
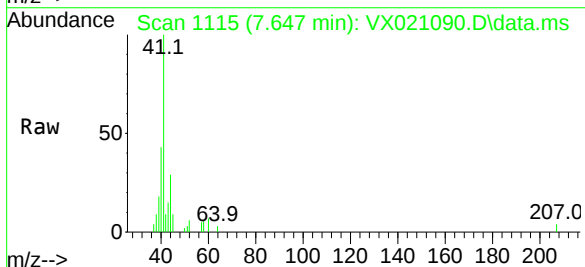
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW804-SO-030421

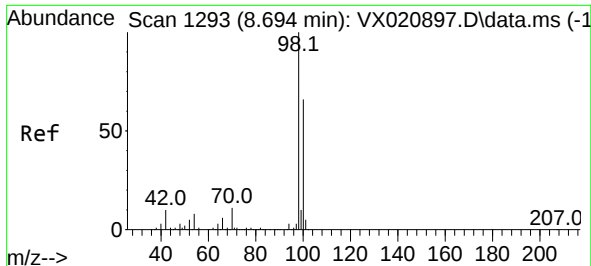
Tgt Ion:	43	Resp:	5793
Ion	Ratio	Lower	Upper
43	100		
61	21.9	18.2	27.4
87	13.9	12.5	18.7



#48
Methyl methacrylate
Concen: 1.98 ug/l
RT: 7.647 min Scan# 1115
Delta R.T. -0.100 min
Lab File: VX021090.D
Acq: 09 Mar 2021 03:03

Tgt Ion:	41	Resp:	5872
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	21.5	44.6	67.0#

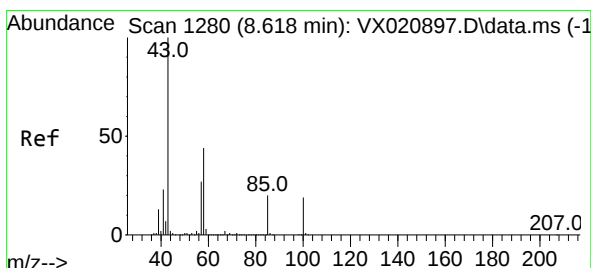
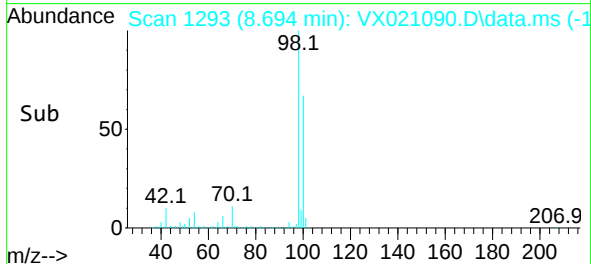
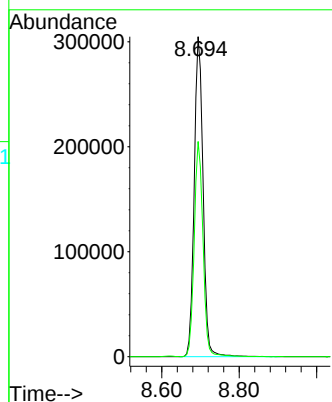
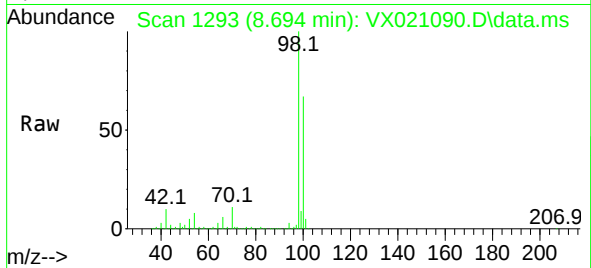




#50
Toluene-d8
Concen: 53.08 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021090.D
Acq: 09 Mar 2021 03:03

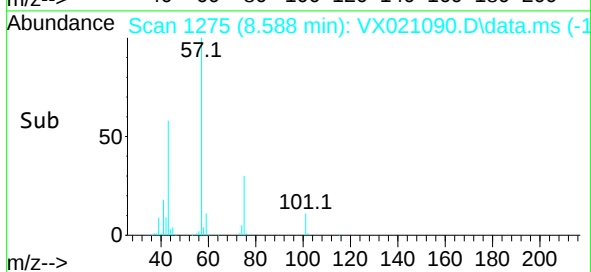
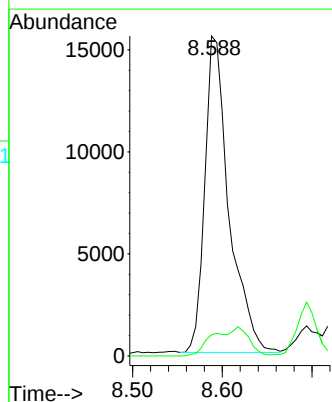
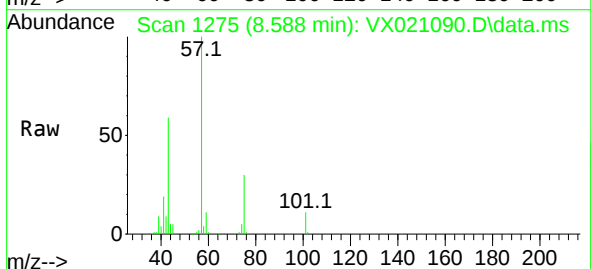
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW804-SO-030421

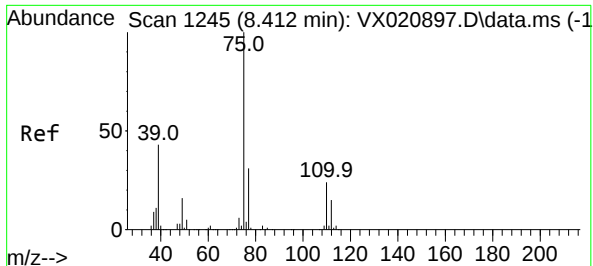
Tgt Ion: 98 Resp: 483641
Ion Ratio Lower Upper
98 100
100 66.8 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 8.42 ug/l
RT: 8.588 min Scan# 1275
Delta R.T. -0.030 min
Lab File: VX021090.D
Acq: 09 Mar 2021 03:03

Tgt Ion: 43 Resp: 29013
Ion Ratio Lower Upper
43 100
58 0.0 35.4 53.0#

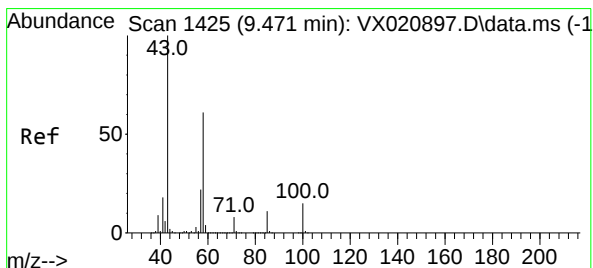
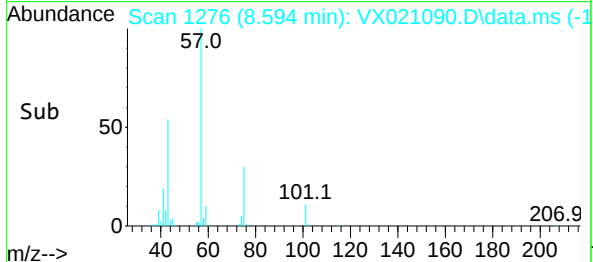
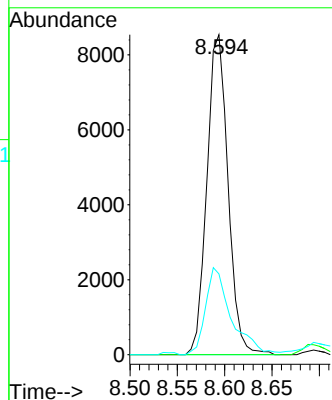
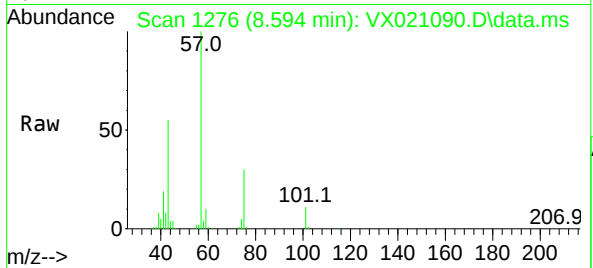




#54
 cis-1,3-Dichloropropene
 Concen: 2.80 ug/l
 RT: 8.594 min Scan# 1276
 Delta R.T. 0.182 min
 Lab File: VX021090.D
 Acq: 09 Mar 2021 03:03

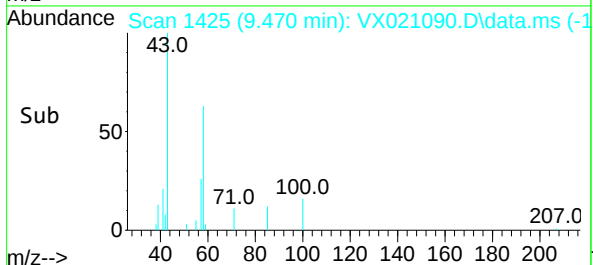
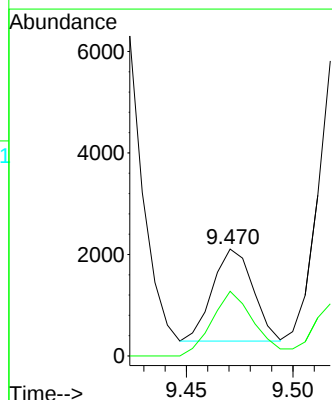
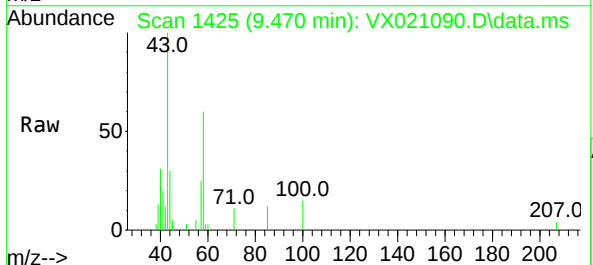
Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-GW804-SO-030421

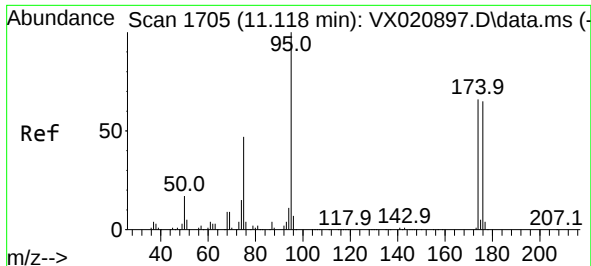
Tgt Ion: 75 Resp: 13238
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#
 39 25.3 35.1 52.7#



#59
 2-Hexanone
 Concen: 0.93 ug/l
 RT: 9.470 min Scan# 1425
 Delta R.T. -0.000 min
 Lab File: VX021090.D
 Acq: 09 Mar 2021 03:03

Tgt Ion: 43 Resp: 2402
 Ion Ratio Lower Upper
 43 100
 58 72.1 30.9 92.8

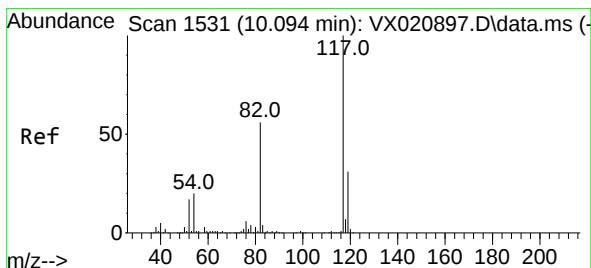
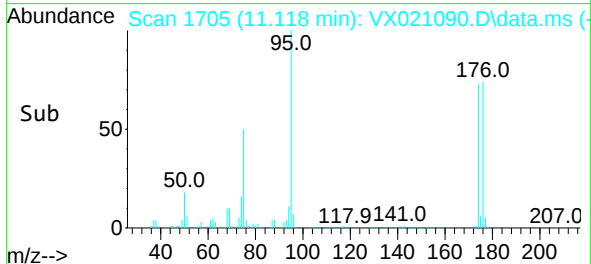
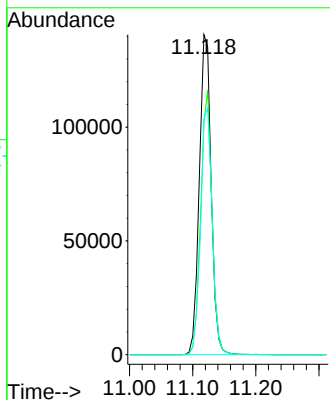
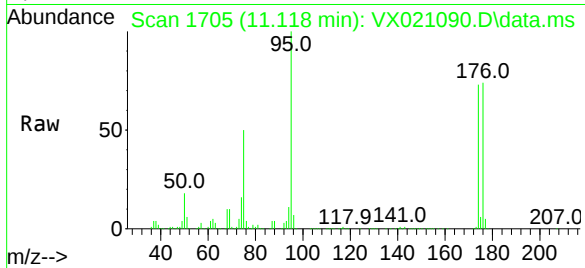




#62
4-Bromofluorobenzene
Concen: 54.64 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021090.D
Acq: 09 Mar 2021 03:03

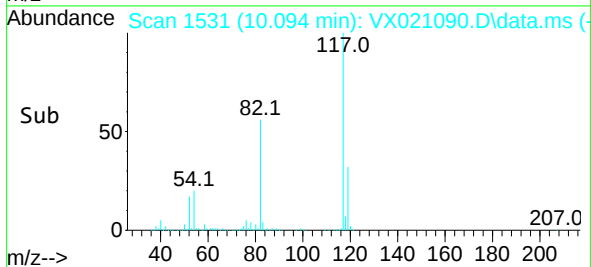
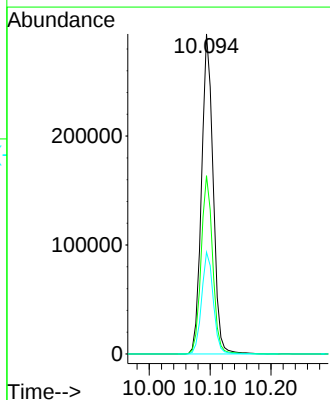
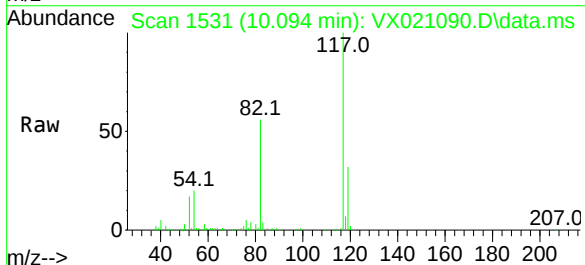
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW804-SO-030421

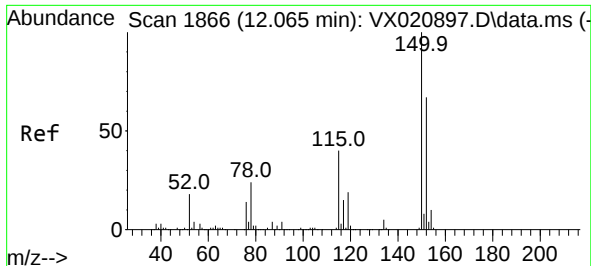
Tgt Ion: 95 Resp: 184102
Ion Ratio Lower Upper
95 100
174 78.5 0.0 154.6
176 76.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021090.D
Acq: 09 Mar 2021 03:03

Tgt Ion: 117 Resp: 388786
Ion Ratio Lower Upper
117 100
82 55.7 47.4 71.2
119 31.8 26.6 39.8

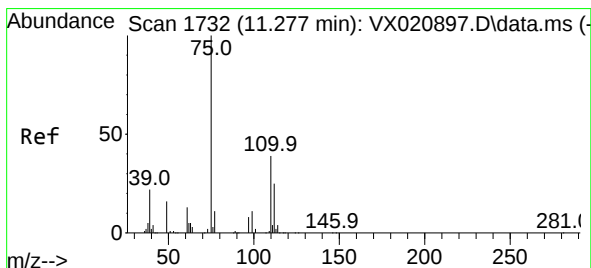
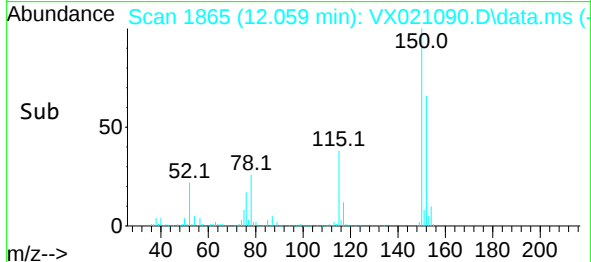
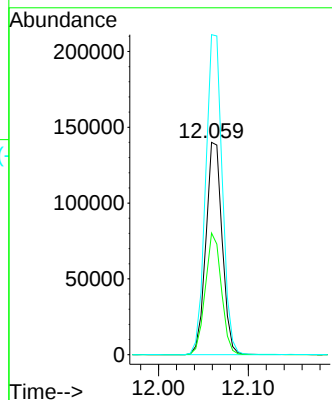
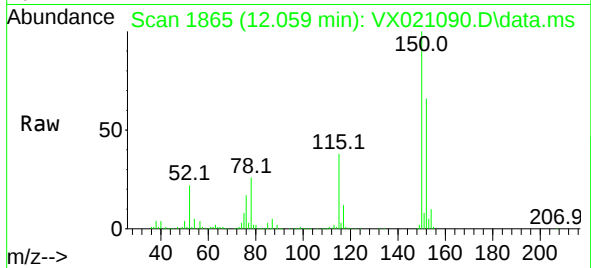




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021090.D
Acq: 09 Mar 2021 03:03

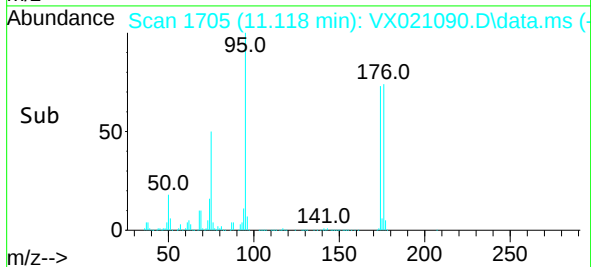
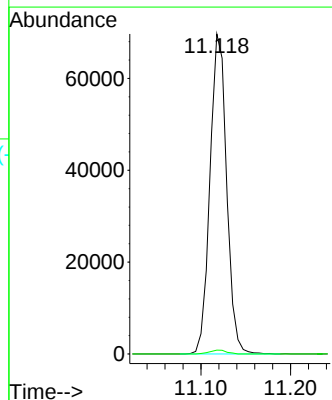
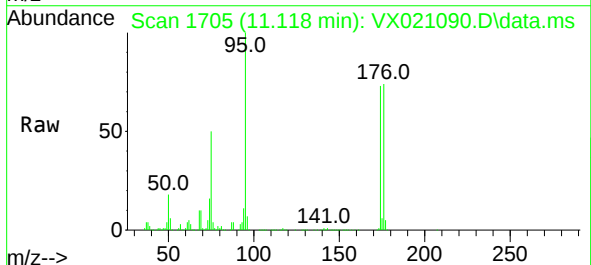
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW804-SO-030421

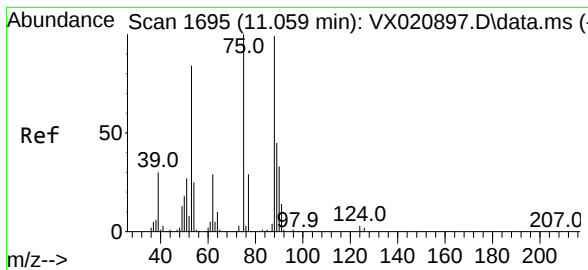
Tgt Ion:152 Resp: 176201
Ion Ratio Lower Upper
152 100
115 56.6 41.1 123.3
150 154.0 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 23.69 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021090.D
Acq: 09 Mar 2021 03:03

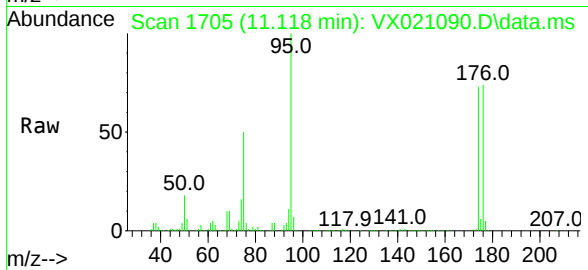
Tgt Ion: 75 Resp: 89797
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.45 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021090.D
 Acq: 09 Mar 2021 03:03

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-GW804-SO-030421



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

