

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030721\
 Data File : VX021041.D
 Acq On : 05 Mar 2021 17:34
 Operator : JC/MD
 Sample : M1575-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-GW804-AQ-030321

Quant Time: Mar 06 00:00:44 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)

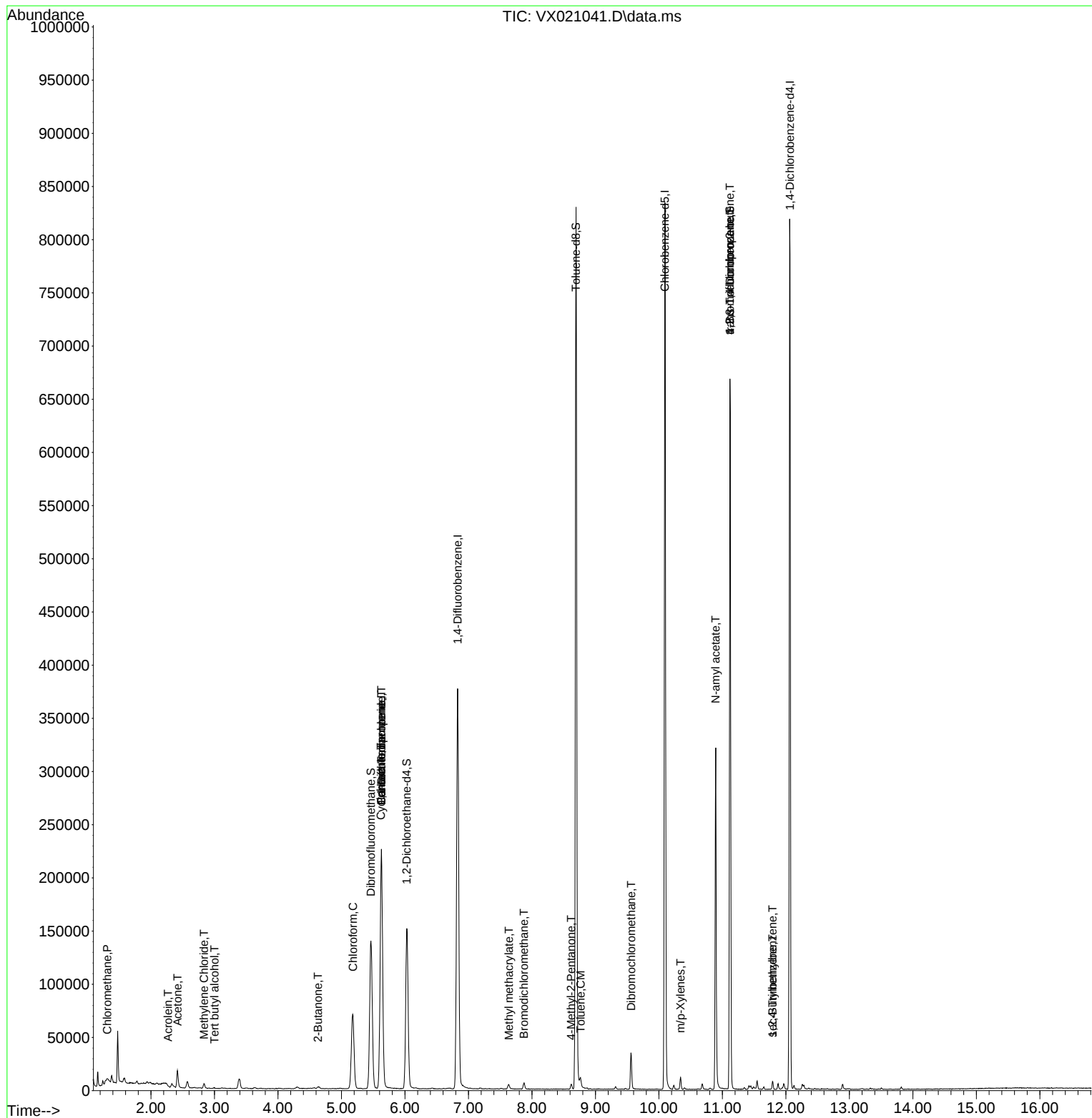
Internal Standards						
1) Pentafluorobenzene	5.629	168	213381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	396608	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	394333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	175557	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	142975	49.61	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 99.22%			
35) Dibromofluoromethane	5.464	113	124723	51.76	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.52%			
50) Toluene-d8	8.694	98	505693	53.82	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.64%			
62) 4-Bromofluorobenzene	11.118	95	190166	54.74	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.48%			
Target Compounds					Qvalue	
3) Chloromethane	1.311	50	592	0.23	ug/l #	87
5) Bromomethane	1.634	94	256	Below Cal	#	77
11) Tert butyl alcohol	2.999	59	378	0.59	ug/l #	73
13) Acrolein	2.270	56	337	0.85	ug/l #	14
16) Acetone	2.417	43	15899	13.39	ug/l	98
20) Methylene Chloride	2.835	84	2104	0.74	ug/l	87
25) 2-Butanone	4.629	43	2850	1.58	ug/l	92
30) Chloroform	5.182	83	87121	18.71	ug/l	98
31) Cyclohexane	5.623	56	4159	1.00	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	16240	4.31	ug/l #	48
38) Carbon Tetrachloride	5.629	117	21240	5.82	ug/l #	16
47) Bromodichloromethane	7.876	83	3586	0.90	ug/l #	98
48) Methyl methacrylate	7.635	41	1500	0.49	ug/l #	33
51) 4-Methyl-2-Pentanone	8.618	43	2765	0.78	ug/l	96
52) Toluene	8.765	92	2673	0.38	ug/l	100
60) Dibromochloromethane	9.565	129	1232	0.42	ug/l	97
68) m/p-Xylenes	10.341	106	2740	0.49	ug/l	99
74) N-amyl acetate	10.894	43	38092	6.78	ug/l #	1
76) 1,2,3-Trichloropropane	11.118	75	91076	24.12	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	91076	53.39	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.789	105	3413	0.29	ug/l	98
85) sec-Butylbenzene	11.789	105	3413	0.26	ug/l #	57

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

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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

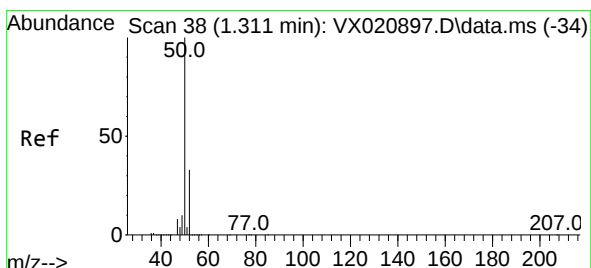
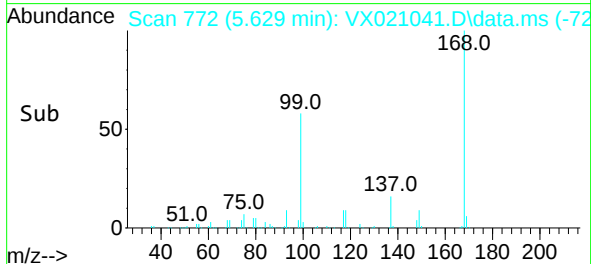
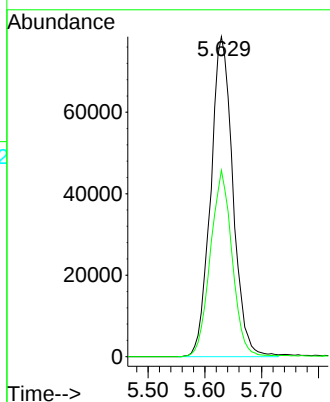
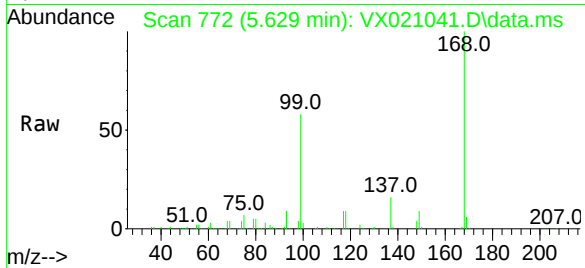




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021041.D
Acq: 05 Mar 2021 17:34

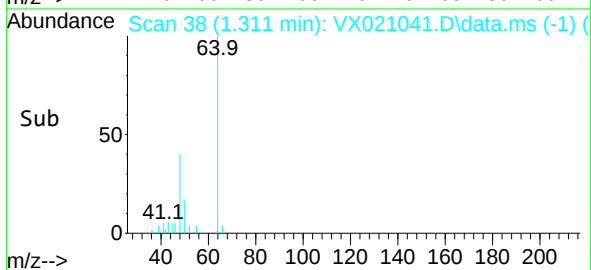
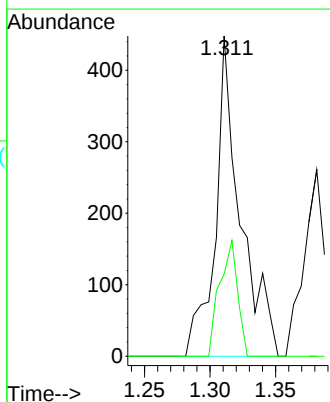
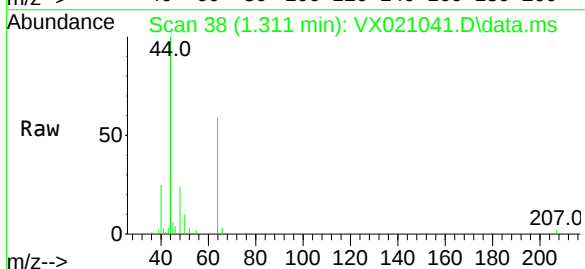
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW804-AQ-030321

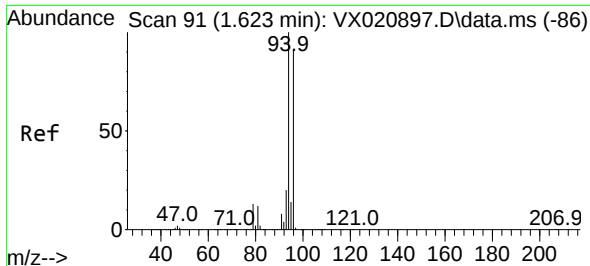
Tgt Ion:168 Resp: 213381
Ion Ratio Lower Upper
168 100
99 58.3 45.8 68.6



#3
Chloromethane
Concen: 0.23 ug/l
RT: 1.311 min Scan# 38
Delta R.T. -0.000 min
Lab File: VX021041.D
Acq: 05 Mar 2021 17:34

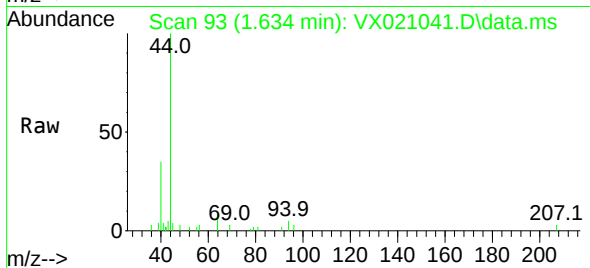
Tgt Ion: 50 Resp: 592
Ion Ratio Lower Upper
50 100
52 25.7 26.4 39.6#



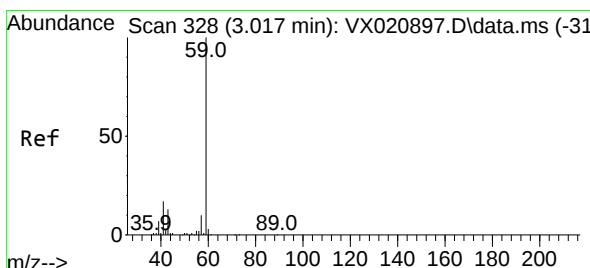
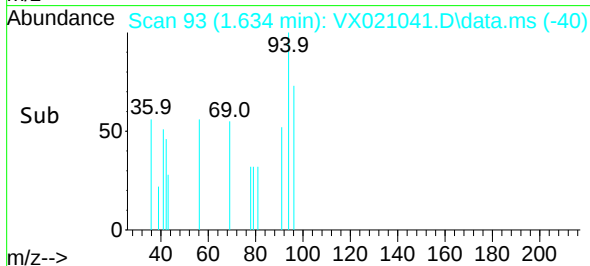
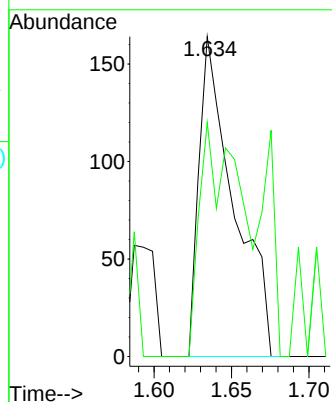


#5
Bromomethane
Concen: Below Cal
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX021041.D
Acq: 05 Mar 2021 17:34

Instrument :
MSVOA_X
ClientSampleId :
IDW-GW804-AQ-030321

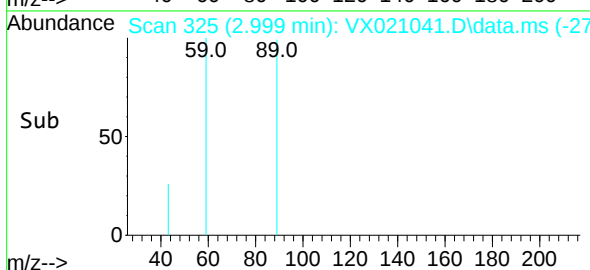
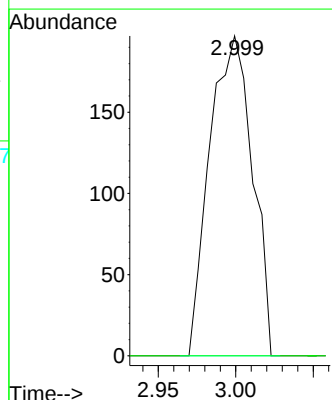
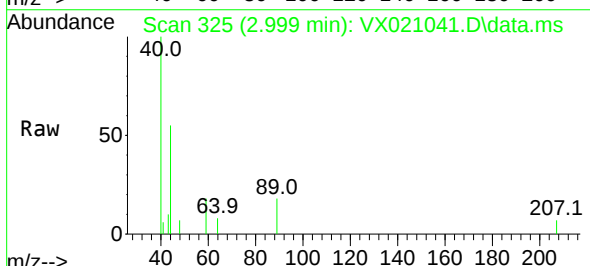


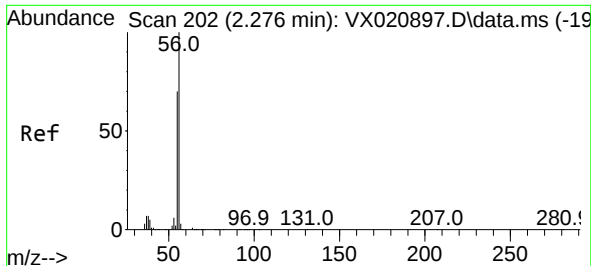
Tgt Ion: 94 Resp: 256
Ion Ratio Lower Upper
94 100
96 73.2 76.4 114.6#



#11
Tert butyl alcohol
Concen: 0.59 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.018 min
Lab File: VX021041.D
Acq: 05 Mar 2021 17:34

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

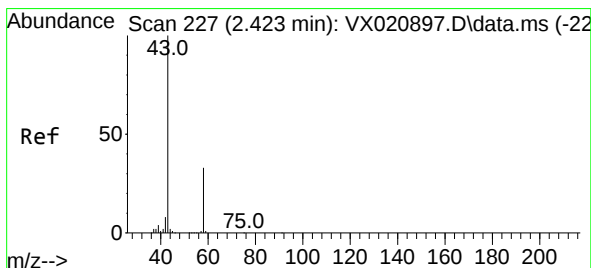
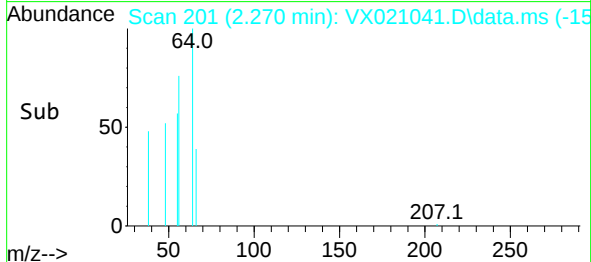
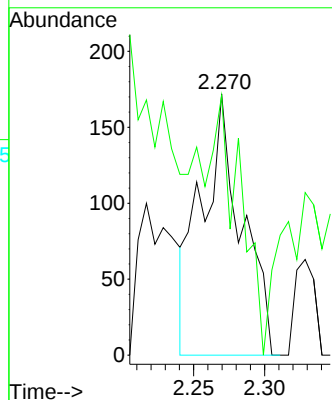
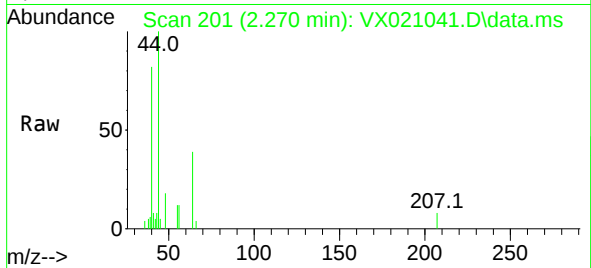




#13
Acrolein
Concen: 0.85 ug/l
RT: 2.270 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX021041.D
Acq: 05 Mar 2021 17:34

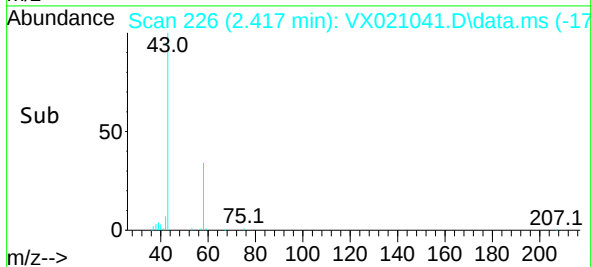
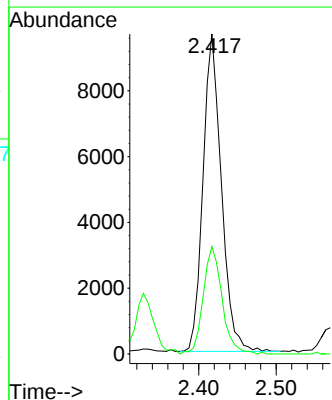
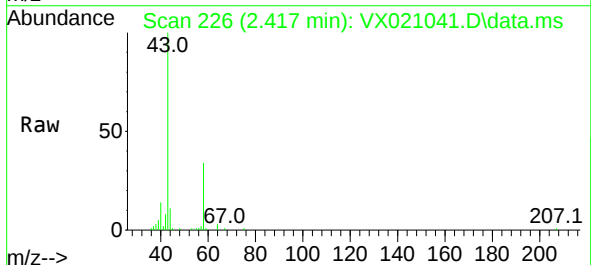
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW804-AQ-030321

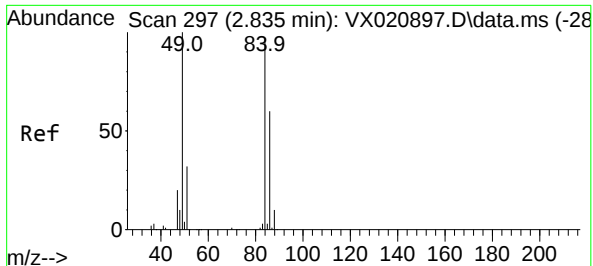
Tgt Ion: 56 Resp: 337
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 13.39 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021041.D
Acq: 05 Mar 2021 17:34

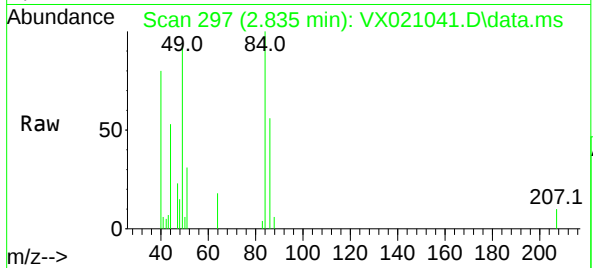
Tgt Ion: 43 Resp: 15899
Ion Ratio Lower Upper
43 100
58 33.8 27.8 41.8



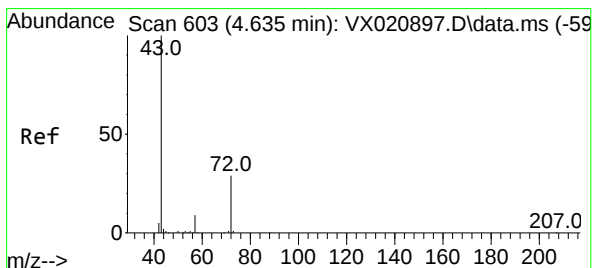
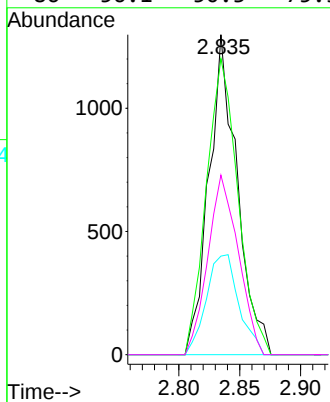
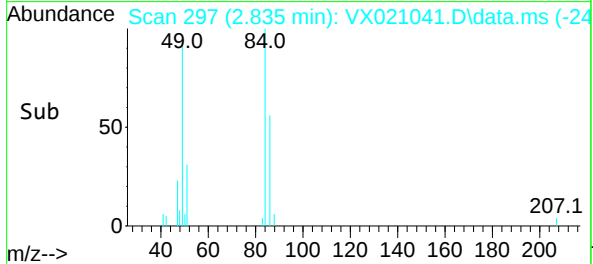


#20
Methylene Chloride
Concen: 0.74 ug/l
RT: 2.835 min Scan# 297
Delta R.T. 0.000 min
Lab File: VX021041.D
Acq: 05 Mar 2021 17:34

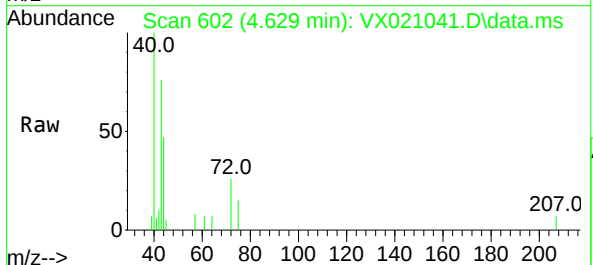
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW804-AQ-030321



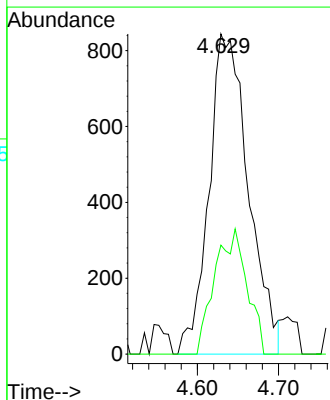
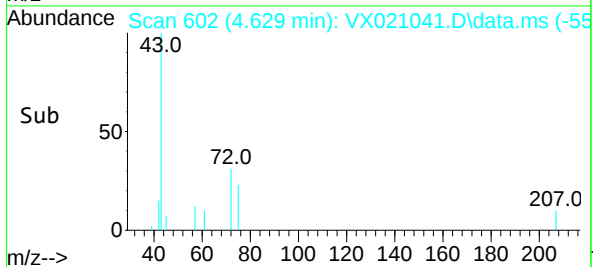
Tgt Ion:	84	Resp:	2104
Ion	Ratio	Lower	Upper
84	100		
49	92.5	88.6	132.8
51	30.8	27.0	40.6
86	56.1	50.3	75.5

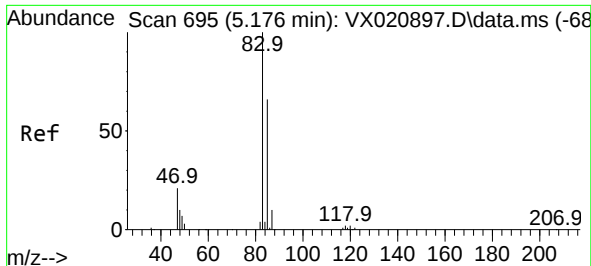


#25
2-Butanone
Concen: 1.58 ug/l
RT: 4.629 min Scan# 602
Delta R.T. -0.006 min
Lab File: VX021041.D
Acq: 05 Mar 2021 17:34



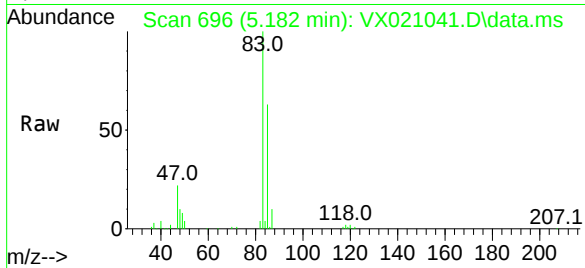
Tgt Ion:	43	Resp:	2850
Ion	Ratio	Lower	Upper
43	100		
72	34.0	23.7	35.5



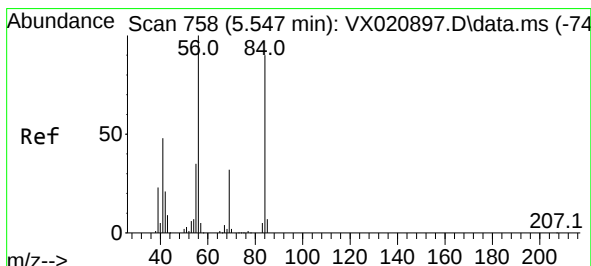
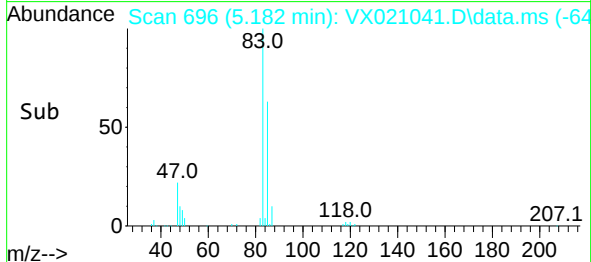
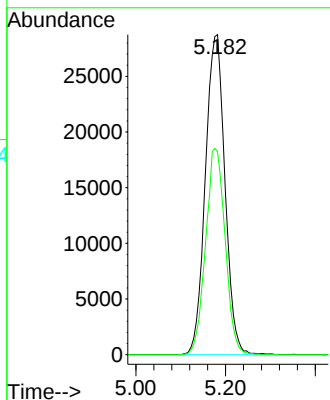


#30
Chloroform
Concen: 18.71 ug/l
RT: 5.182 min Scan# 696
Delta R.T. 0.006 min
Lab File: VX021041.D
Acq: 05 Mar 2021 17:34

Instrument :
MSVOA_X
ClientSampleId :
IDW-GW804-AQ-030321

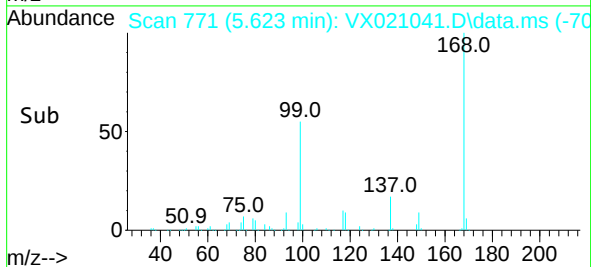
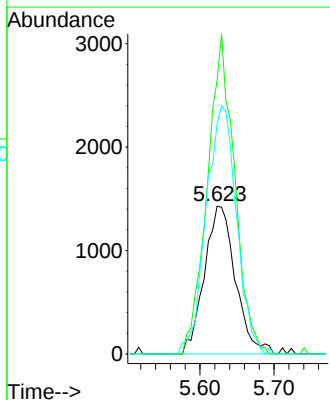
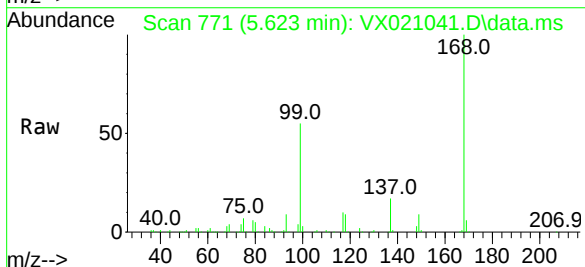


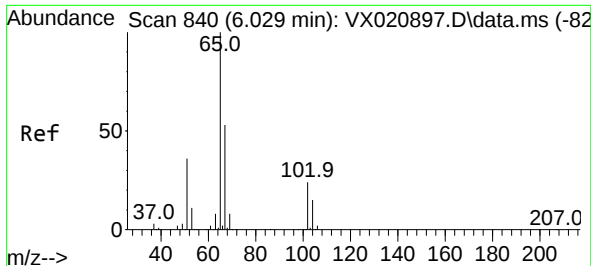
Tgt Ion: 83 Resp: 87121
Ion Ratio Lower Upper
83 100
85 63.4 52.0 78.0



#31
Cyclohexane
Concen: 1.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021041.D
Acq: 05 Mar 2021 17:34

Tgt Ion: 56 Resp: 4159
Ion Ratio Lower Upper
56 100
69 185.0 25.3 37.9#
84 156.0 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 49.61 ug/l

RT: 6.029 min Scan# 840

Delta R.T. 0.000 min

Lab File: VX021041.D

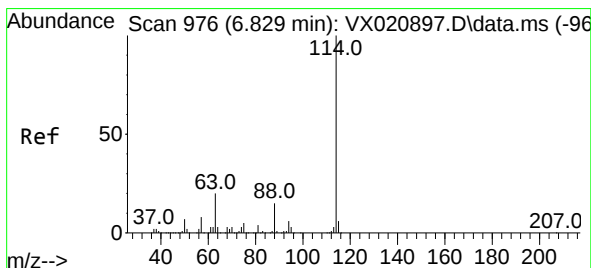
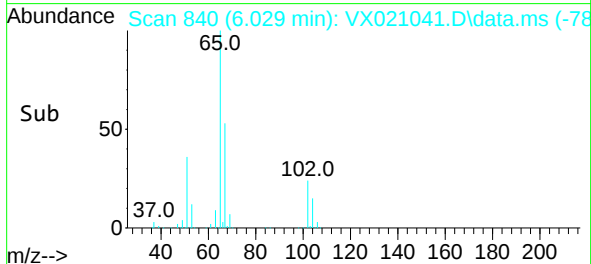
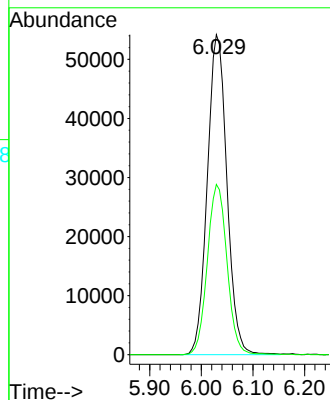
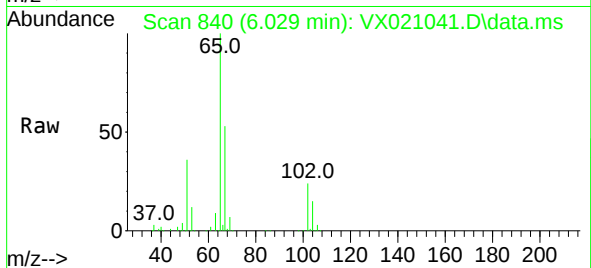
Acq: 05 Mar 2021 17:34

Tgt Ion: 65 Resp: 142975

Ion Ratio Lower Upper

65 100

67 53.4 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: VX021041.D

Acq: 05 Mar 2021 17:34

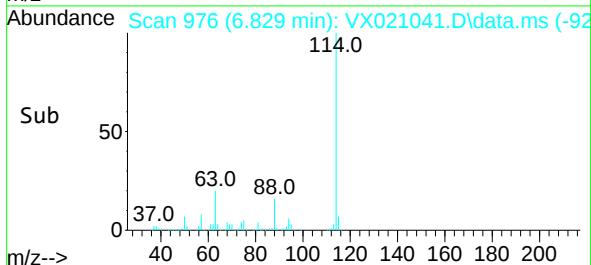
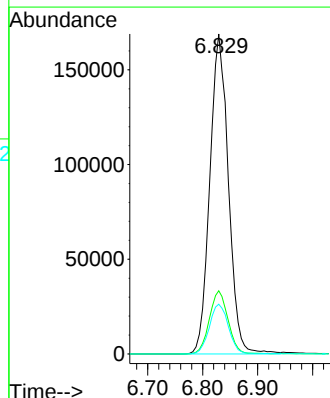
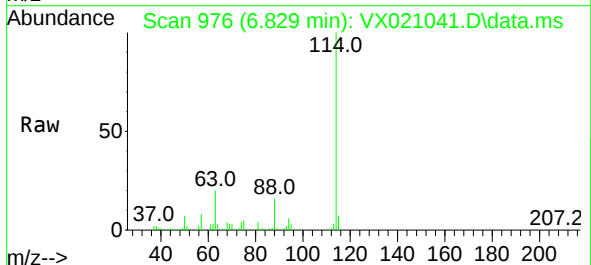
Tgt Ion: 114 Resp: 396608

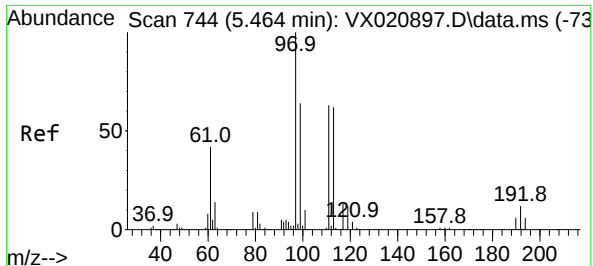
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.8

88 15.5 0.0 32.8

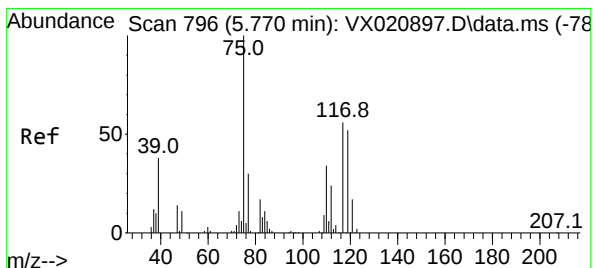
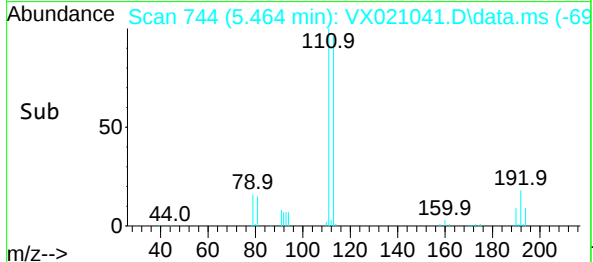
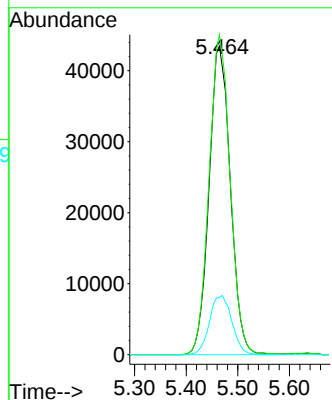
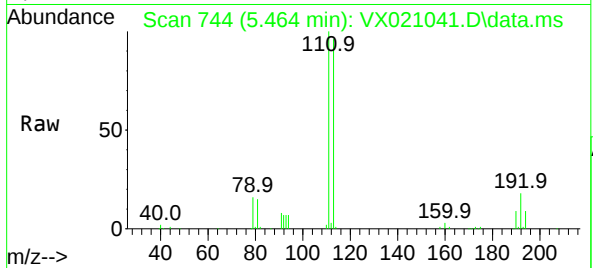




#35
Dibromofluoromethane
Concen: 51.76 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021041.D
Acq: 05 Mar 2021 17:34

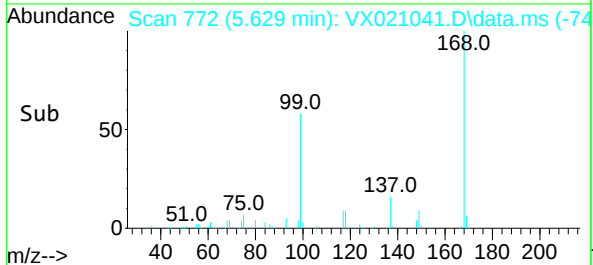
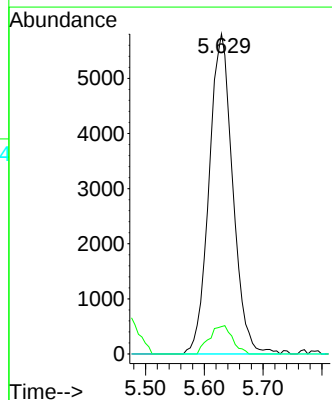
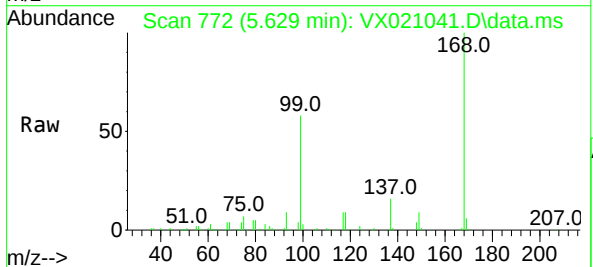
Instrument :
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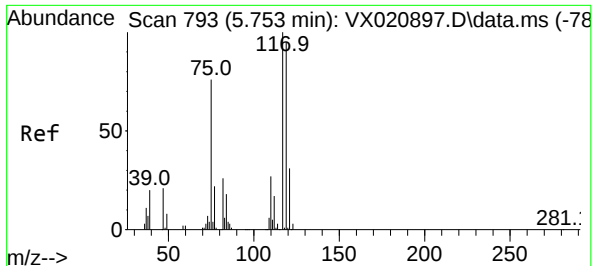
Tgt Ion:113 Resp: 124723
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 20.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.31 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021041.D
Acq: 05 Mar 2021 17:34

Tgt Ion: 75 Resp: 16240
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.4#
77 0.0 25.3 37.9#

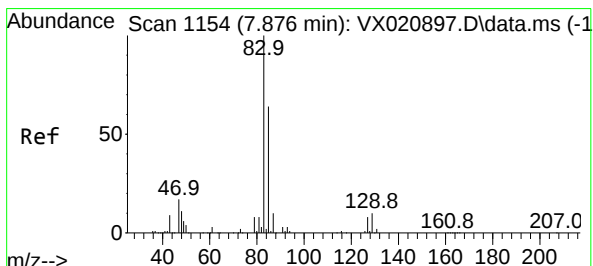
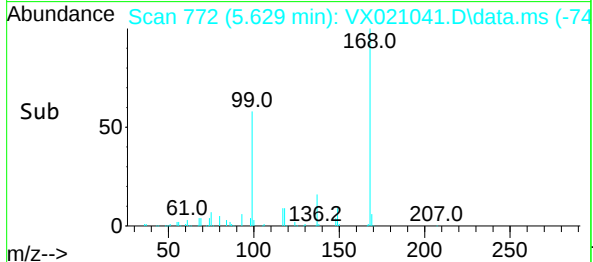
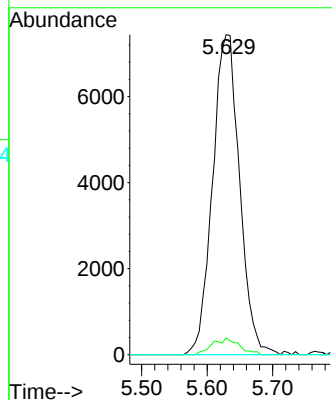
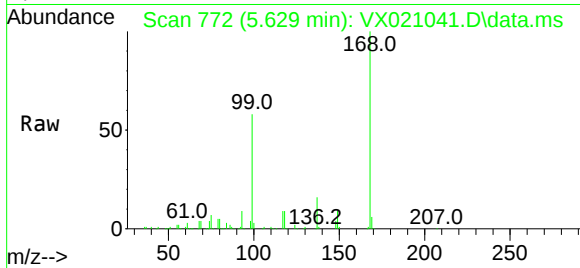




#38
Carbon Tetrachloride
Concen: 5.82 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX021041.D
Acq: 05 Mar 2021 17:34

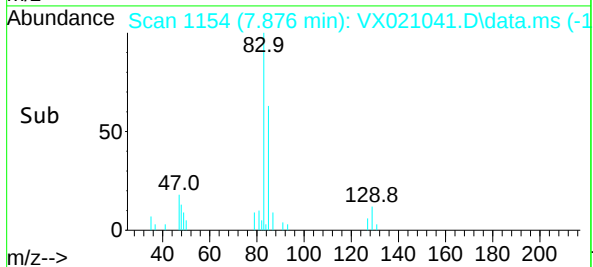
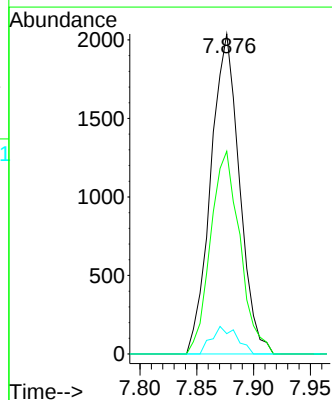
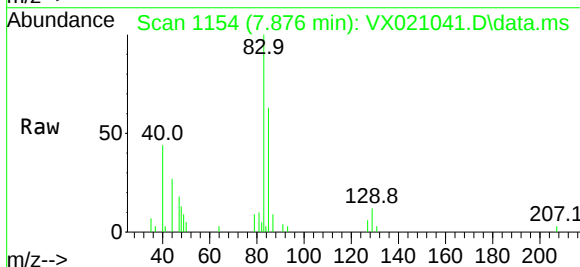
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW804-AQ-030321

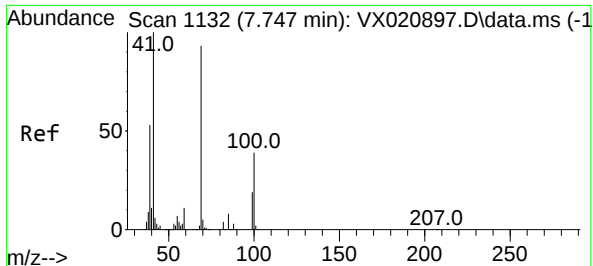
Tgt Ion:117 Resp: 21240
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#



#47
Bromodichloromethane
Concen: 0.90 ug/l
RT: 7.876 min Scan# 1154
Delta R.T. 0.000 min
Lab File: VX021041.D
Acq: 05 Mar 2021 17:34

Tgt Ion: 83 Resp: 3586
Ion Ratio Lower Upper
83 100
85 63.3 51.4 77.0
127 6.4 6.8 10.2#





#48

Methyl methacrylate

Concen: 0.49 ug/l

RT: 7.635 min Scan# 1113

Delta R.T. -0.112 min

Lab File: VX021041.D

Acq: 05 Mar 2021 17:34

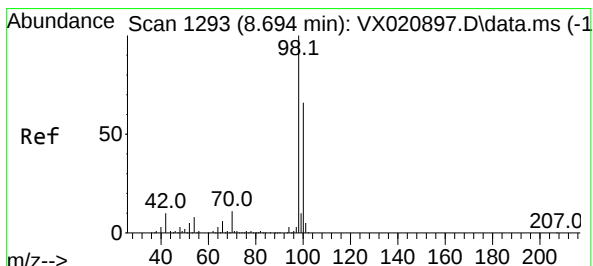
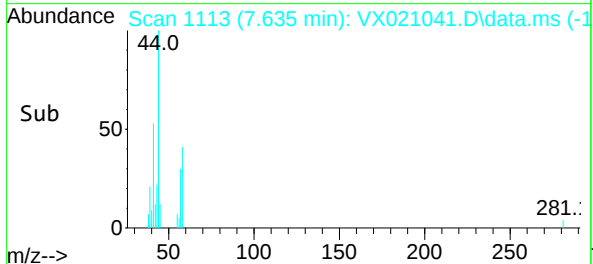
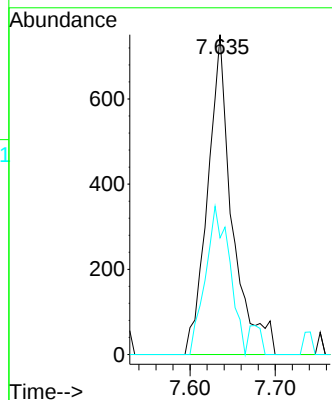
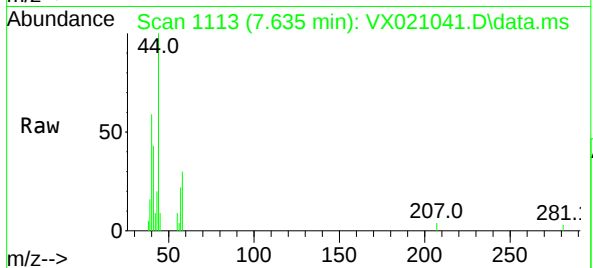
Tgt Ion: 41 Resp: 1500

Ion Ratio Lower Upper

41 100

69 0.0 76.0 114.0#

39 45.8 44.6 67.0



#50

Toluene-d8

Concen: 53.82 ug/l

RT: 8.694 min Scan# 1293

Delta R.T. -0.000 min

Lab File: VX021041.D

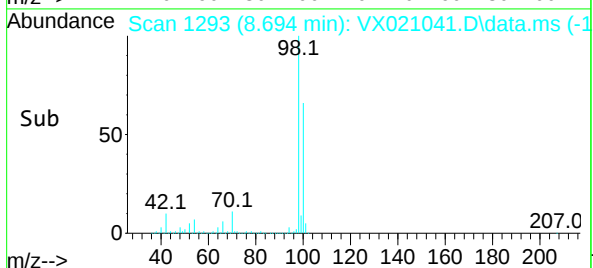
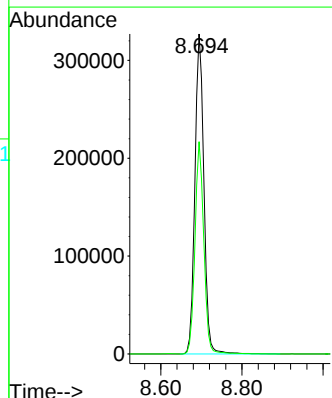
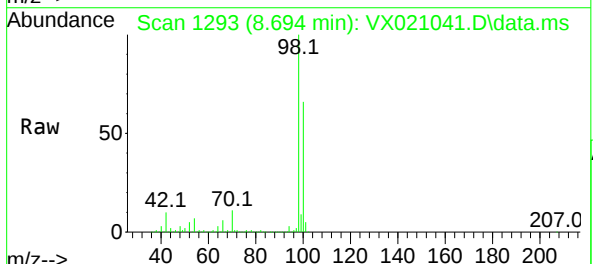
Acq: 05 Mar 2021 17:34

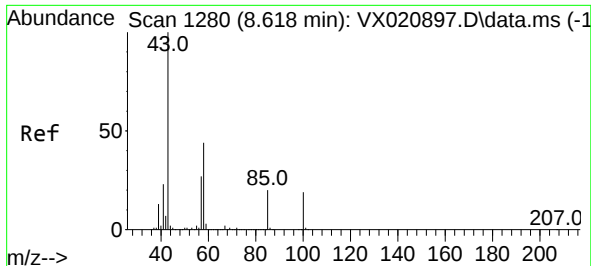
Tgt Ion: 98 Resp: 505693

Ion Ratio Lower Upper

98 100

100 65.2 51.9 77.9

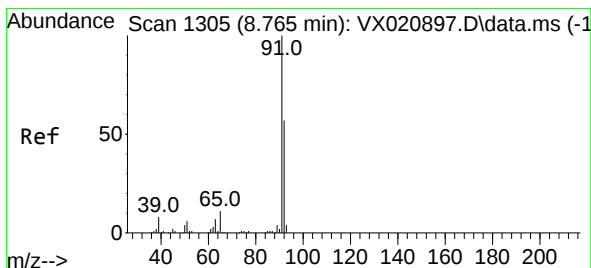
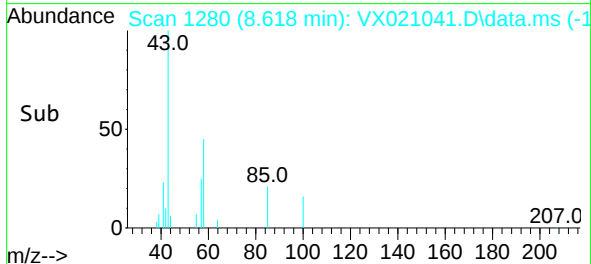
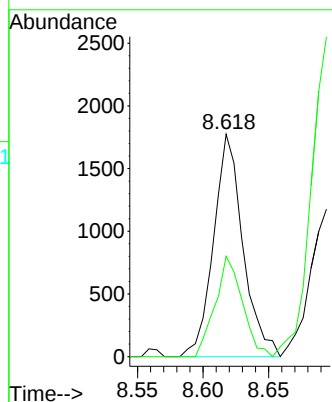
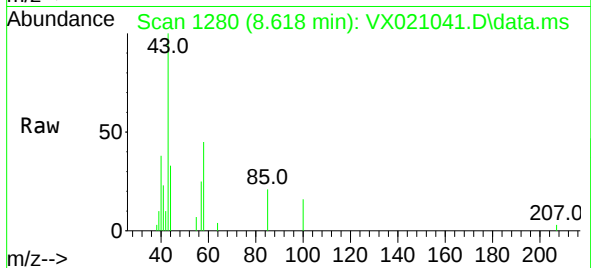




#51
4-Methyl-2-Pentanone
Concen: 0.78 ug/l
RT: 8.618 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VX021041.D
Acq: 05 Mar 2021 17:34

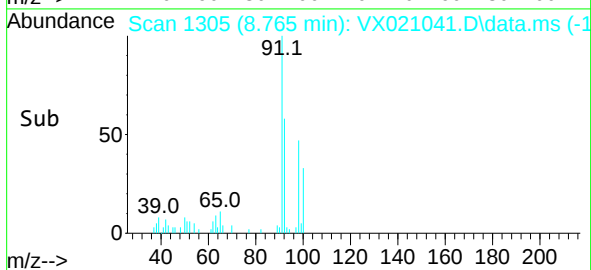
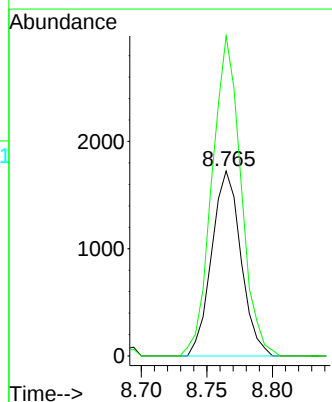
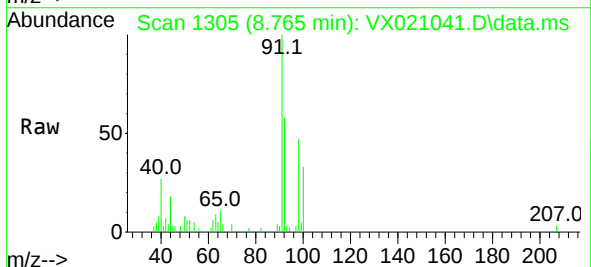
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW804-AQ-030321

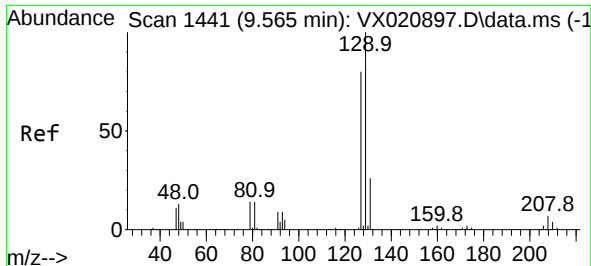
Tgt Ion: 43 Resp: 2765
Ion Ratio Lower Upper
43 100
58 41.6 35.4 53.0



#52
Toluene
Concen: 0.38 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VX021041.D
Acq: 05 Mar 2021 17:34

Tgt Ion: 92 Resp: 2673
Ion Ratio Lower Upper
92 100
91 171.1 137.1 205.7

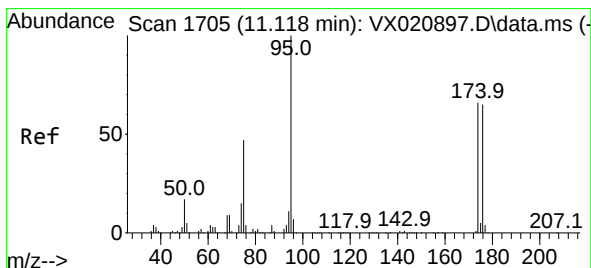
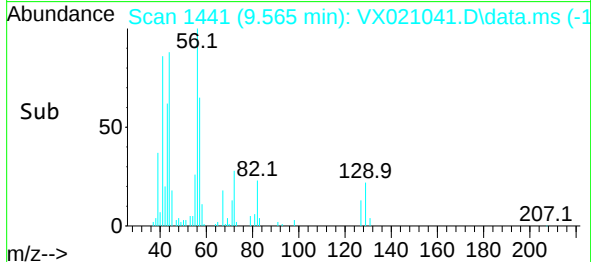
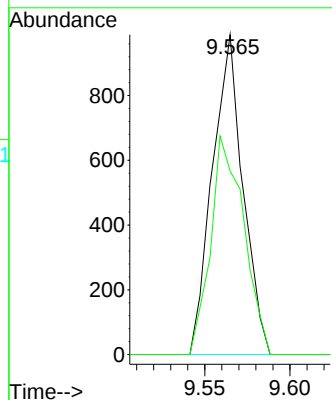
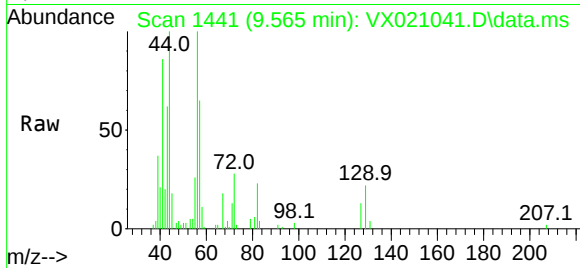




#60
Dibromochloromethane
Concen: 0.42 ug/l
RT: 9.565 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VX021041.D
Acq: 05 Mar 2021 17:34

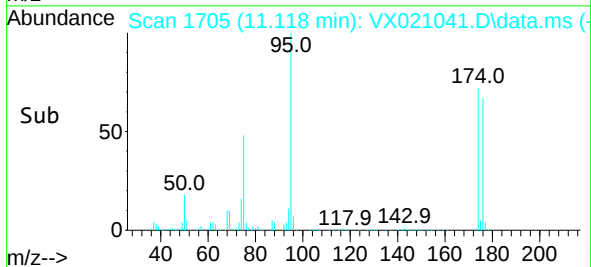
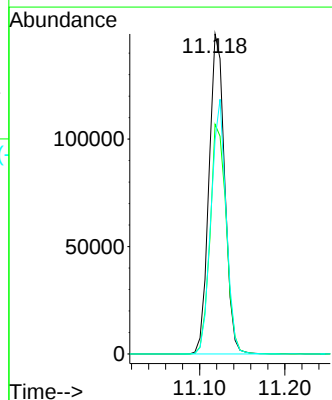
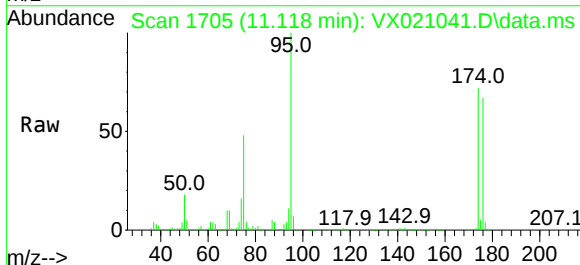
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW804-AQ-030321

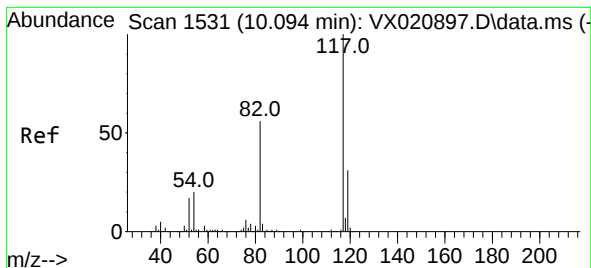
Tgt Ion:129 Resp: 1232
Ion Ratio Lower Upper
129 100
127 73.9 38.4 115.2



#62
4-Bromofluorobenzene
Concen: 54.74 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021041.D
Acq: 05 Mar 2021 17:34

Tgt Ion: 95 Resp: 190166
Ion Ratio Lower Upper
95 100
174 73.9 0.0 154.6
176 76.8 0.0 155.8

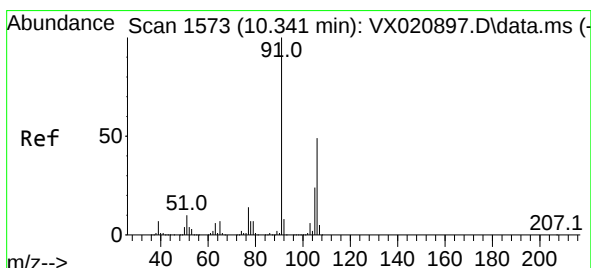
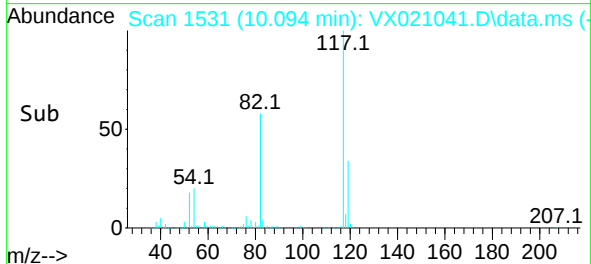
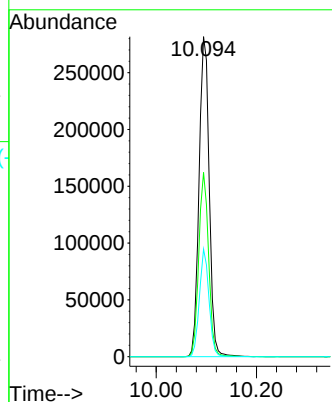
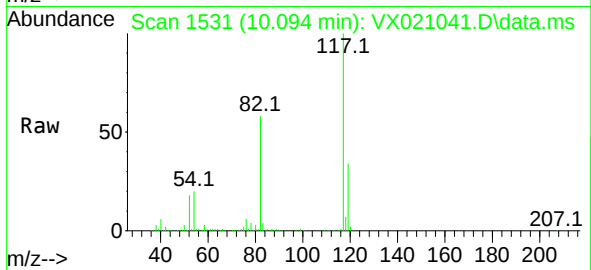




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021041.D
Acq: 05 Mar 2021 17:34

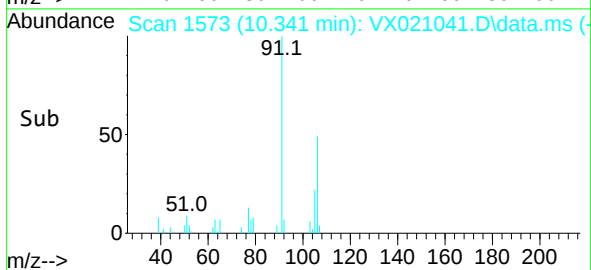
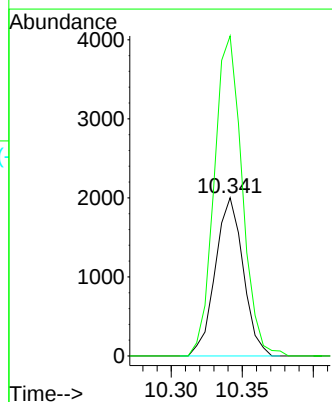
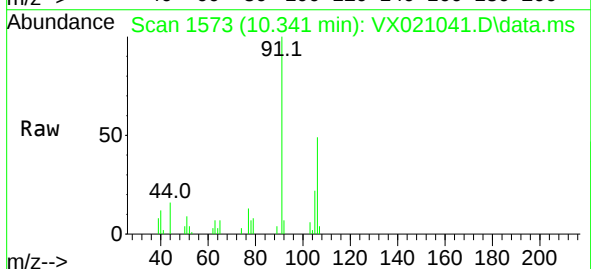
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW804-AQ-030321

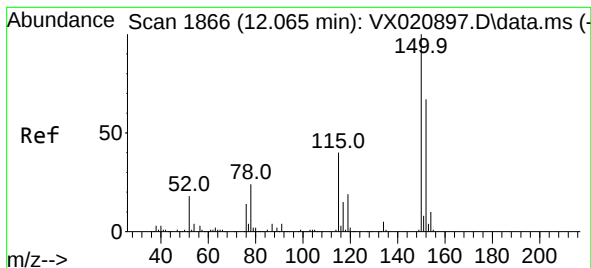
Tgt Ion:117 Resp: 394333
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 33.6 26.6 39.8



#68
m/p-Xylenes
Concen: 0.49 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. -0.000 min
Lab File: VX021041.D
Acq: 05 Mar 2021 17:34

Tgt Ion:106 Resp: 2740
Ion Ratio Lower Upper
106 100
91 202.2 162.8 244.2

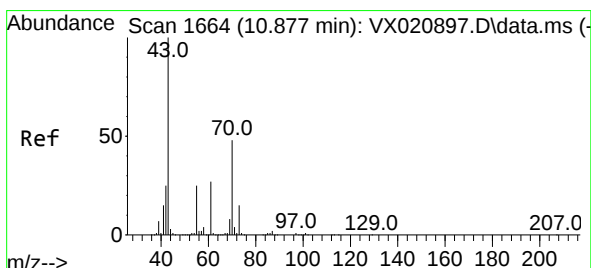
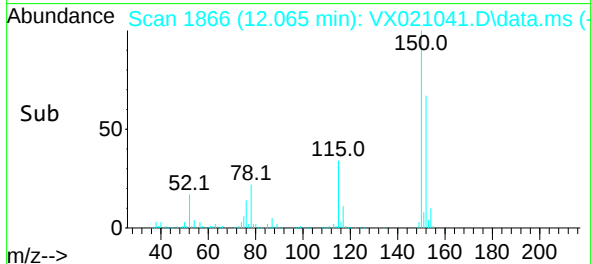
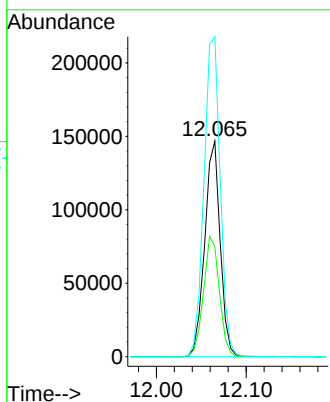
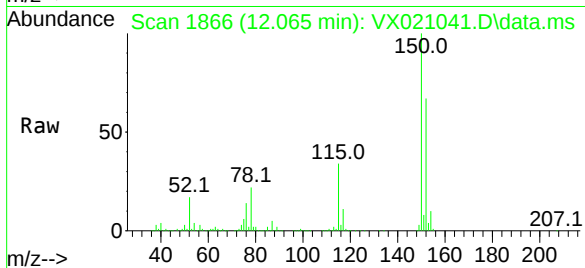




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VX021041.D
Acq: 05 Mar 2021 17:34

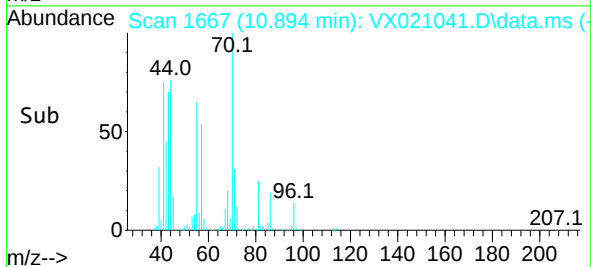
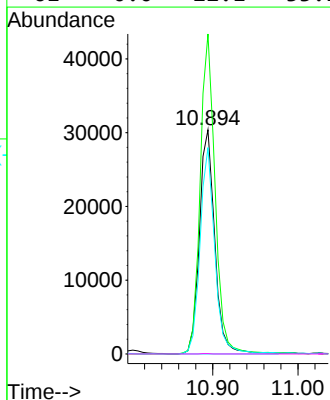
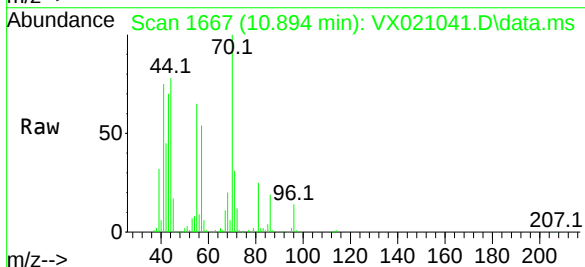
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW804-AQ-030321

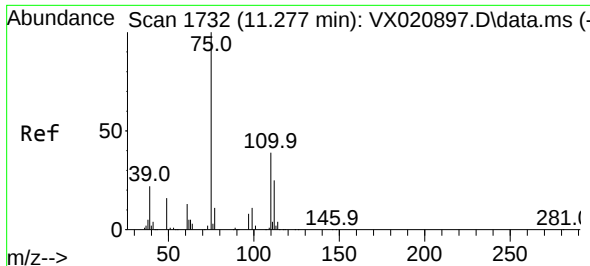
Tgt Ion:152 Resp: 175557
Ion Ratio Lower Upper
152 100
115 57.2 41.1 123.3
150 156.4 0.0 349.0



#74
N-ethyl acetate
Concen: 6.78 ug/l
RT: 10.894 min Scan# 1667
Delta R.T. 0.018 min
Lab File: VX021041.D
Acq: 05 Mar 2021 17:34

Tgt Ion: 43 Resp: 38092
Ion Ratio Lower Upper
43 100
70 138.8 39.0 58.6#
55 88.2 21.5 32.3#
61 0.0 22.1 33.1#

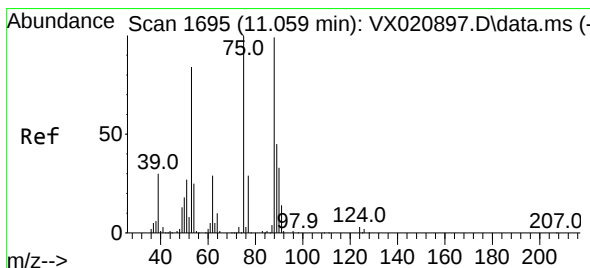
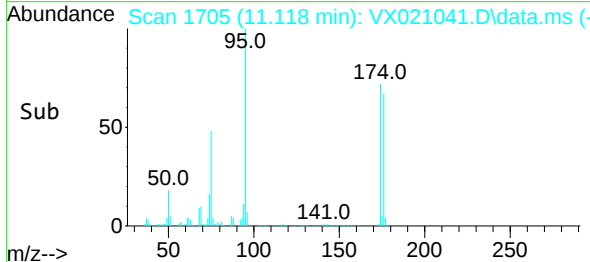
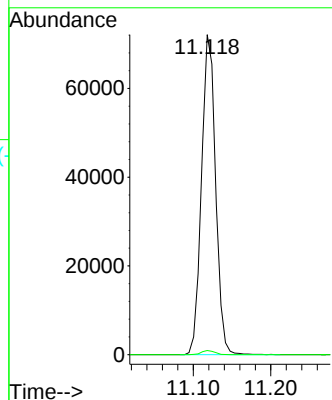
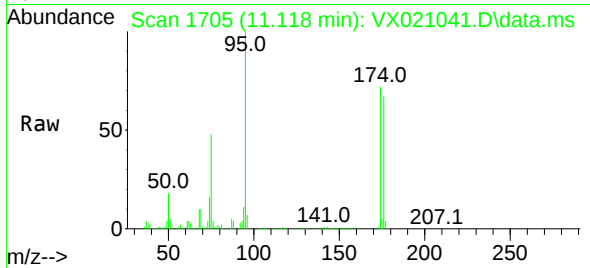




#76
1,2,3-Trichloropropane
Concen: 24.12 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021041.D
Acq: 05 Mar 2021 17:34

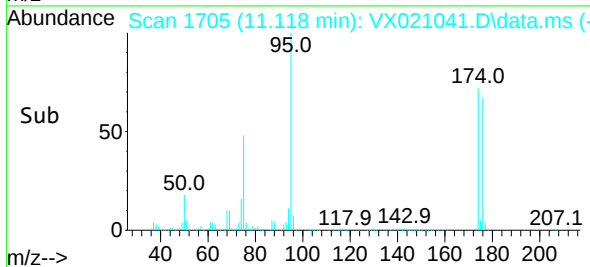
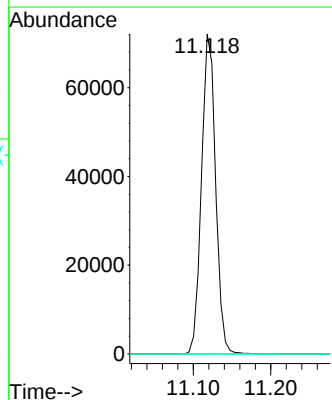
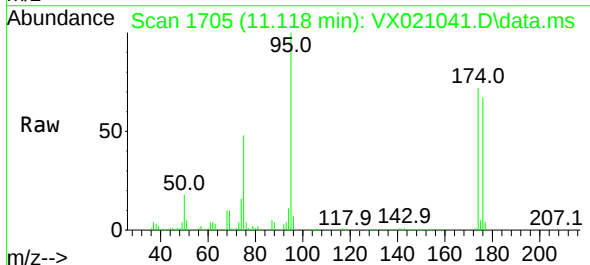
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW804-AQ-030321

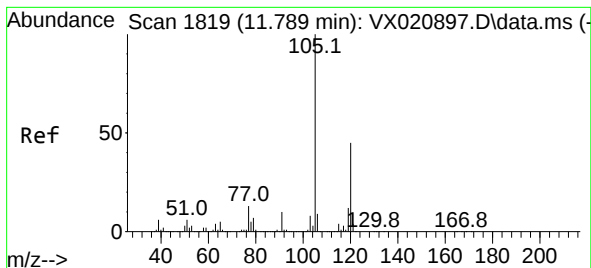
Tgt Ion: 75 Resp: 91076
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.39 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021041.D
Acq: 05 Mar 2021 17:34

Tgt Ion: 75 Resp: 91076
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

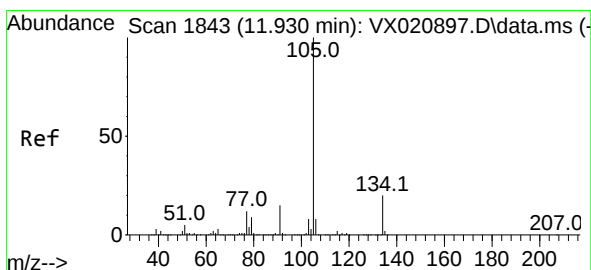
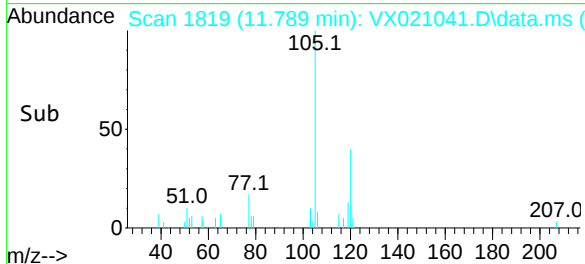
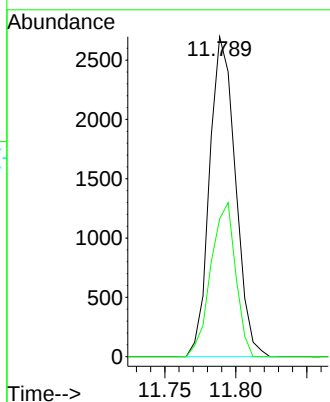
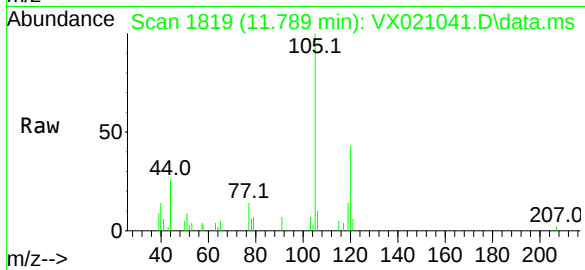




#84
1,2,4-Trimethylbenzene
Concen: 0.29 ug/l
RT: 11.789 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VX021041.D
Acq: 05 Mar 2021 17:34

Instrument :
MSVOA_X
ClientSampleId :
IDW-GW804-AQ-030321

Tgt Ion:105 Resp: 3413
Ion Ratio Lower Upper
105 100
120 46.0 22.4 67.3



#85
sec-Butylbenzene
Concen: 0.26 ug/l
RT: 11.789 min Scan# 1819
Delta R.T. -0.141 min
Lab File: VX021041.D
Acq: 05 Mar 2021 17:34

Tgt Ion:105 Resp: 3413
Ion Ratio Lower Upper
105 100
134 0.0 10.0 29.8#

