

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032421\
 Data File : VX021456.D
 Acq On : 25 Mar 2021 00:14
 Operator : JC/MD
 Sample : M1770-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-106D

Quant Time: Mar 25 06:53:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

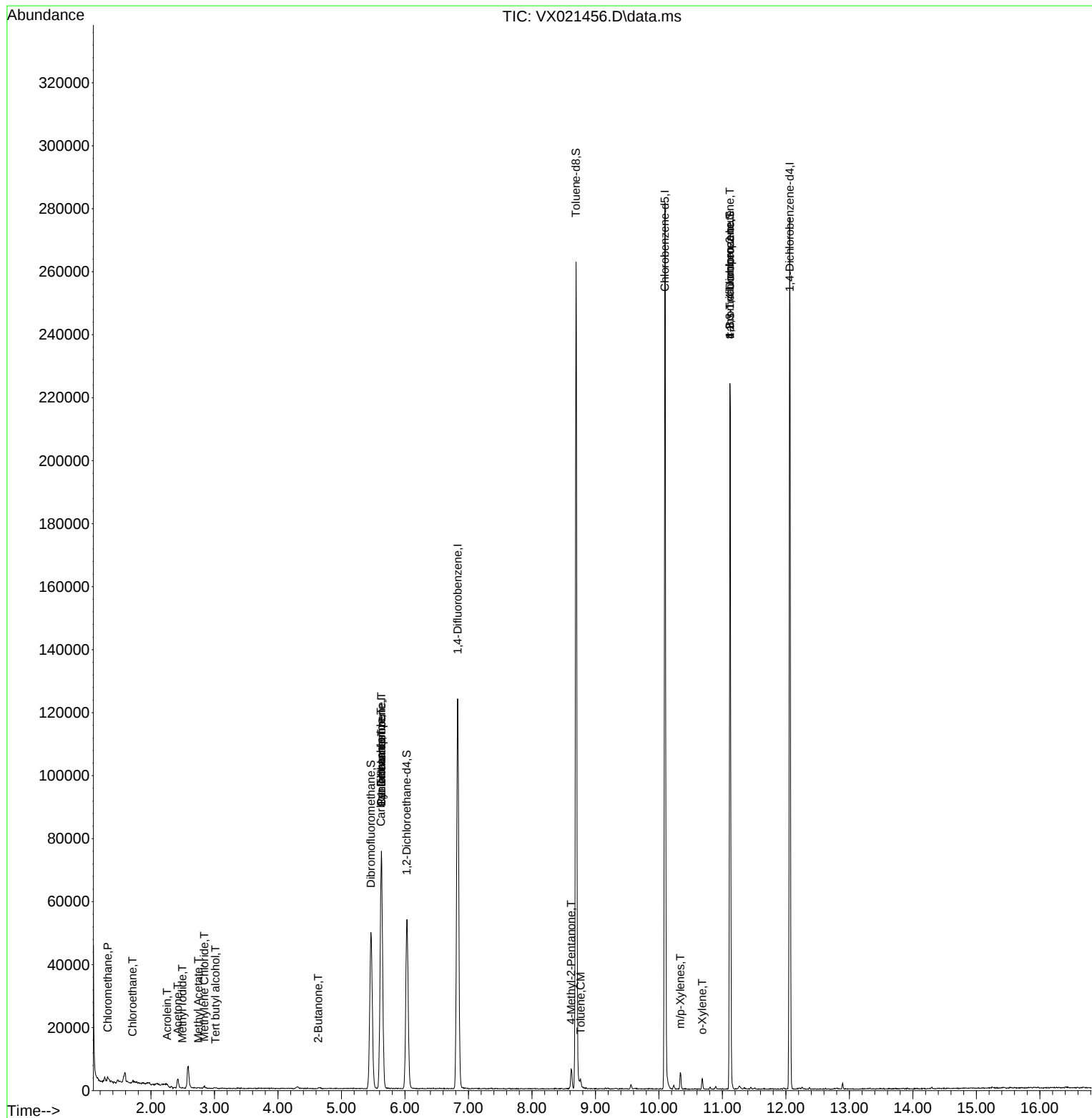
Internal Standards						
1) Pentafluorobenzene	5.629	168	63699	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	113743	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	116029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	50608	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	53742	50.71	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.42%
35) Dibromofluoromethane	5.464	113	40763	50.45	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.90%
50) Toluene-d8	8.694	98	145296	50.47	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.94%
62) 4-Bromofluorobenzene	11.118	95	58296	52.08	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.16%
Target Compounds						
					Qvalue	
3) Chloromethane	1.316	50	2053	2.59	ug/l #	86
6) Chloroethane	1.711	64	283	0.62	ug/l #	75
10) Methyl Iodide	2.493	142	29	6.69	ug/l #	42
11) Tert butyl alcohol	3.017	59	244	1.39	ug/l #	73
13) Acrolein	2.252	56	38	4.72	ug/l	88
16) Acetone	2.422	43	3129	7.81	ug/l	92
18) Methyl Acetate	2.746	43	319	0.28	ug/l #	47
20) Methylene Chloride	2.840	84	285	0.36	ug/l #	92
25) 2-Butanone	4.635	43	186	0.31	ug/l #	45
31) Cyclohexane	5.629	56	1862	1.60	ug/l #	46
36) 1,1-Dichloropropene	5.629	75	5581	5.01	ug/l #	51
38) Carbon Tetrachloride	5.623	117	7217	6.03	ug/l #	15
51) 4-Methyl-2-Pentanone	8.617	43	3931	3.05	ug/l #	84
52) Toluene	8.764	92	675	0.35	ug/l	91
68) m/p-Xylenes	10.335	106	1067	0.70	ug/l	96
69) o-Xylene	10.682	106	678	0.46	ug/l	94
76) 1,2,3-Trichloropropane	11.118	75	33989	28.85	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	33989	87.87	ug/l #	12

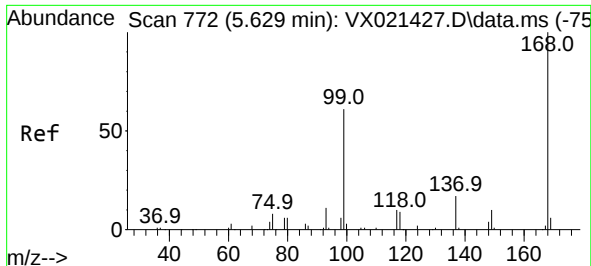
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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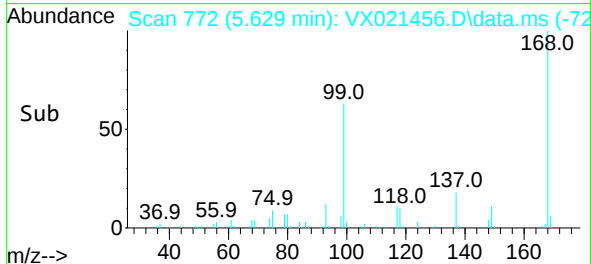
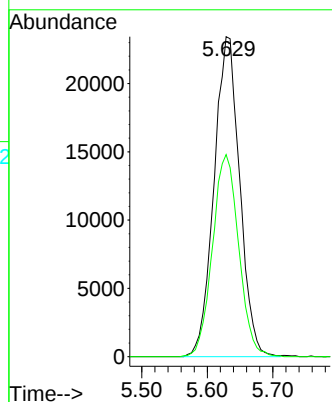
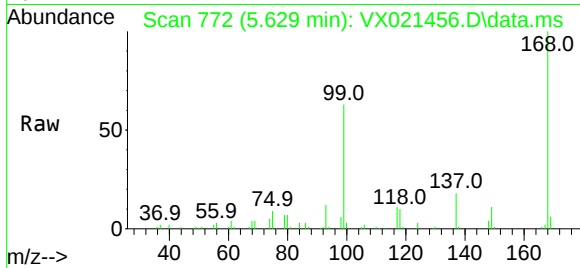




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021456.D
Acq: 25 Mar 2021 00:14

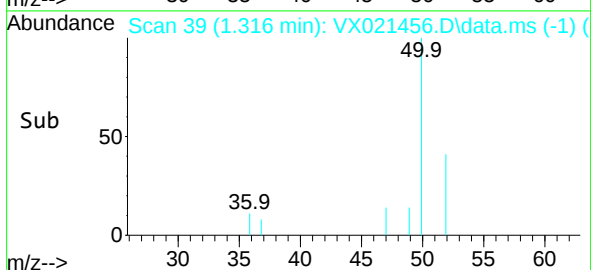
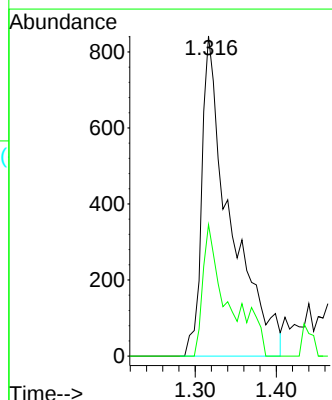
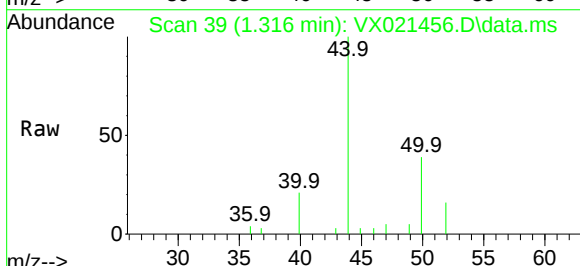
Instrument :
MSVOA_X
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MW-106D

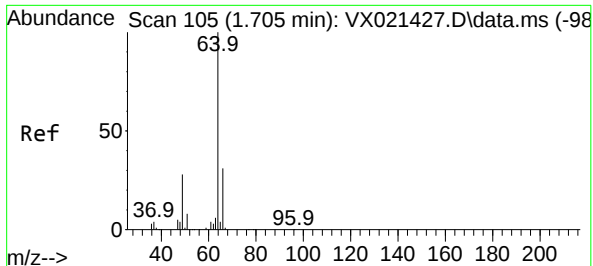
Tgt Ion:168 Resp: 63699
Ion Ratio Lower Upper
168 100
99 63.1 45.8 68.6



#3
Chloromethane
Concen: 2.59 ug/l
RT: 1.316 min Scan# 39
Delta R.T. 0.005 min
Lab File: VX021456.D
Acq: 25 Mar 2021 00:14

Tgt Ion: 50 Resp: 2053
Ion Ratio Lower Upper
50 100
52 41.1 26.4 39.6#

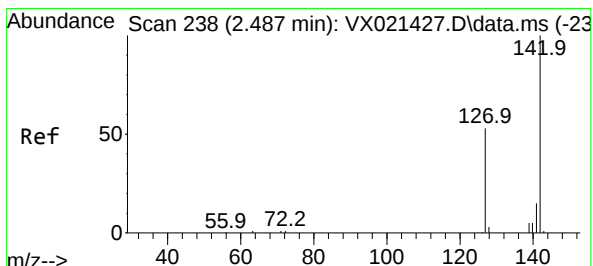
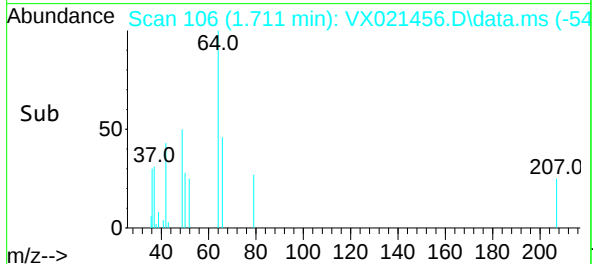
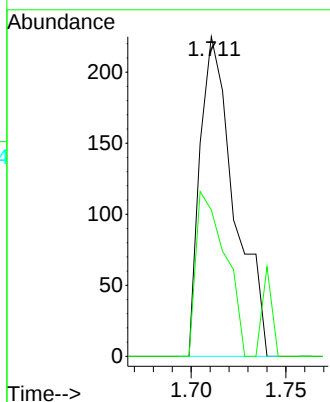
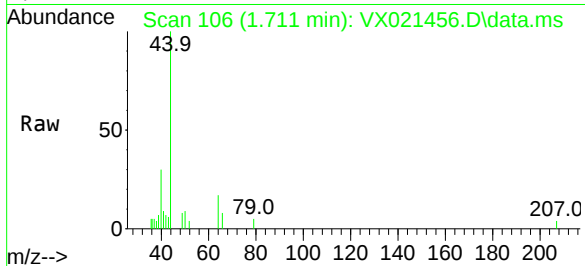




#6
Chloroethane
Concen: 0.62 ug/l
RT: 1.711 min Scan# 106
Delta R.T. 0.006 min
Lab File: VX021456.D
Acq: 25 Mar 2021 00:14

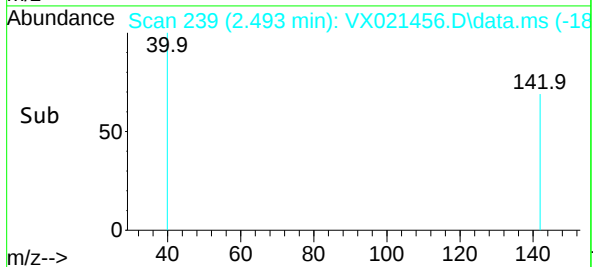
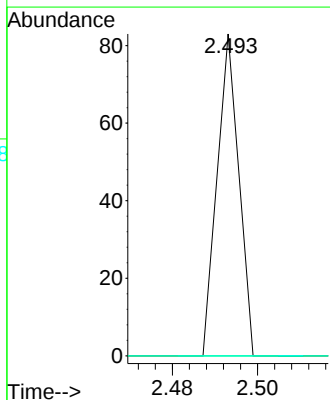
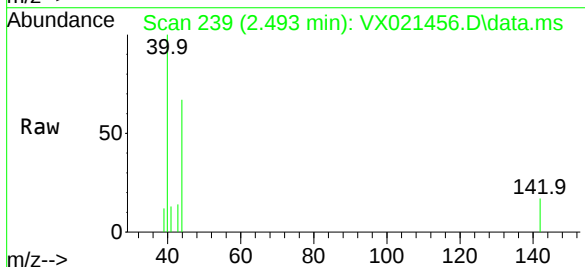
Instrument :
MSVOA_X
ClientSampleId :
MW-106D

Tgt Ion: 64 Resp: 283
Ion Ratio Lower Upper
64 100
66 45.8 25.4 38.0#



#10
Methyl Iodide
Concen: 6.69 ug/l
RT: 2.493 min Scan# 239
Delta R.T. 0.006 min
Lab File: VX021456.D
Acq: 25 Mar 2021 00:14

Tgt Ion: 142 Resp: 29
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

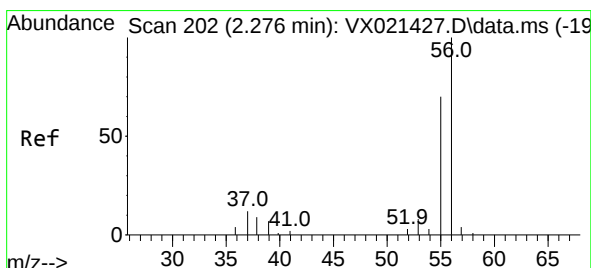
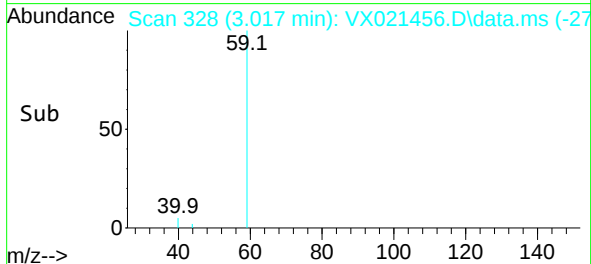
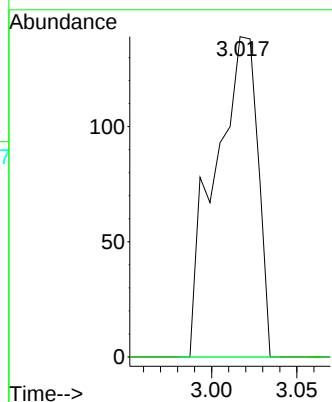
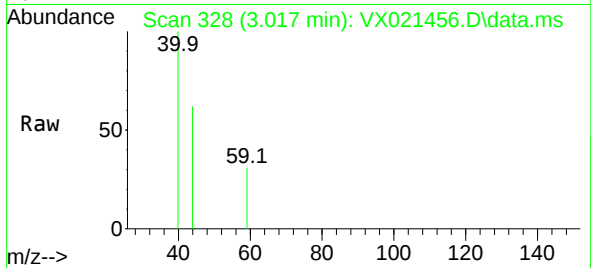




#11
Tert butyl alcohol
Concen: 1.39 ug/l
RT: 3.017 min Scan# 328
Delta R.T. -0.006 min
Lab File: VX021456.D
Acq: 25 Mar 2021 00:14

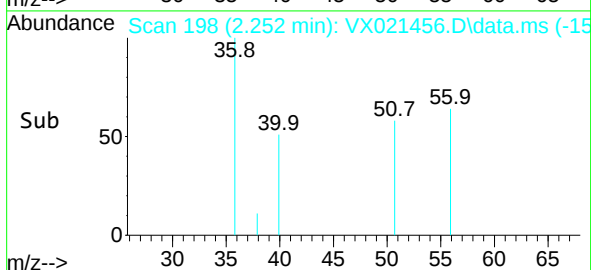
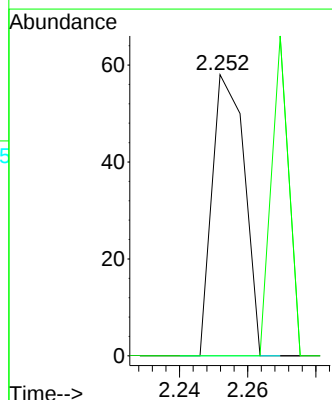
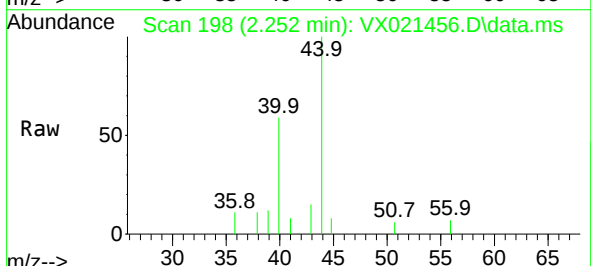
Instrument :
MSVOA_X
ClientSampleId :
MW-106D

Tgt Ion: 59 Resp: 244
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 4.72 ug/l
RT: 2.252 min Scan# 198
Delta R.T. -0.024 min
Lab File: VX021456.D
Acq: 25 Mar 2021 00:14

Tgt Ion: 56 Resp: 38
Ion Ratio Lower Upper
56 100
55 60.5 56.4 84.6

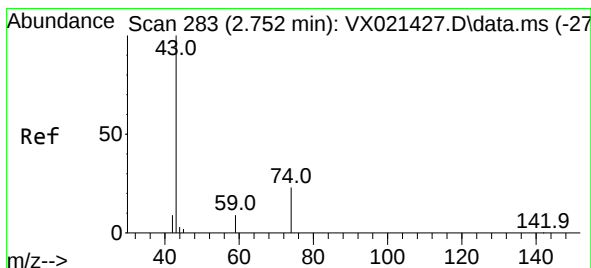
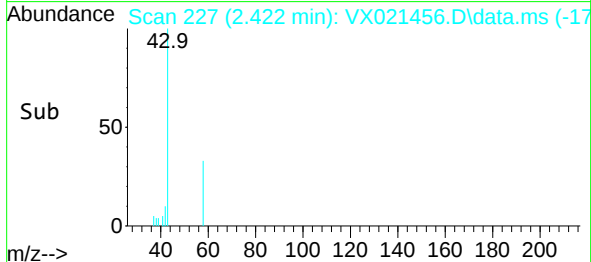
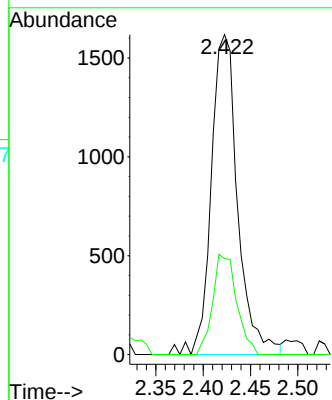
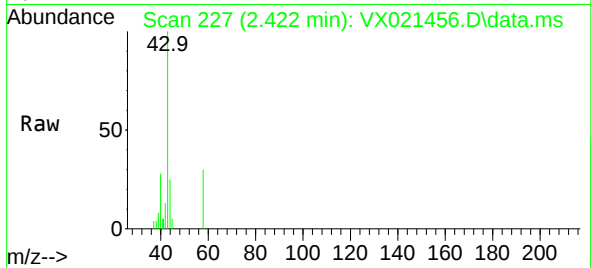




#16
Acetone
Concen: 7.81 ug/l
RT: 2.422 min Scan# 227
Delta R.T. -0.001 min
Lab File: VX021456.D
Acq: 25 Mar 2021 00:14

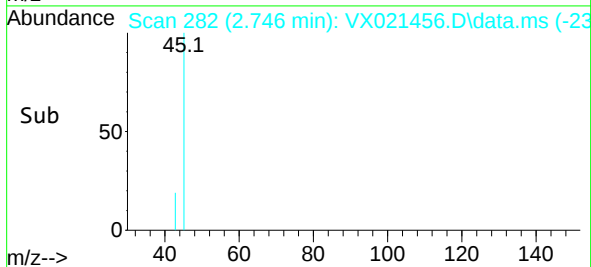
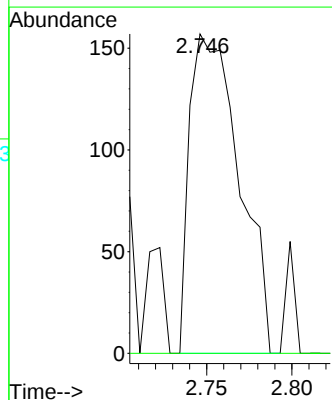
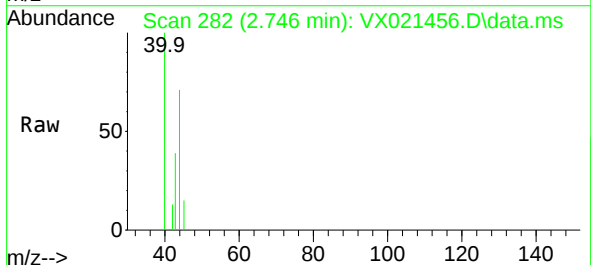
Instrument :
MSVOA_X
ClientSampleId :
MW-106D

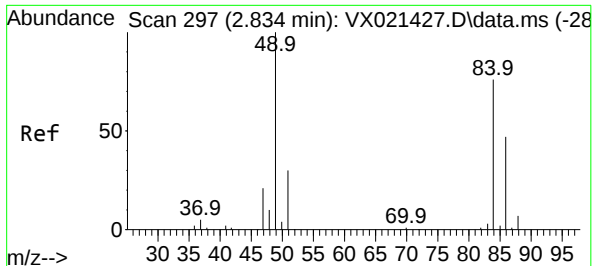
Tgt Ion: 43 Resp: 3129
Ion Ratio Lower Upper
43 100
58 30.0 27.8 41.8



#18
Methyl Acetate
Concen: 0.28 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX021456.D
Acq: 25 Mar 2021 00:14

Tgt Ion: 43 Resp: 319
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#





#20

Methylene Chloride

Concen: 0.36 ug/l

RT: 2.840 min Scan# 298

Delta R.T. 0.006 min

Lab File: VX021456.D

Acq: 25 Mar 2021 00:14

Tgt Ion: 84 Resp: 285

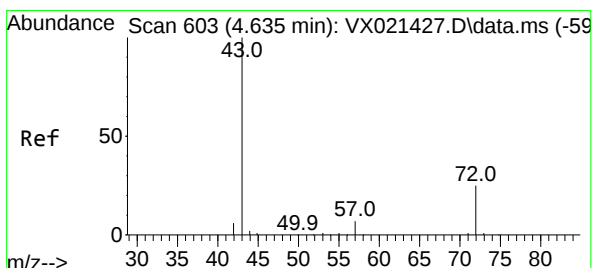
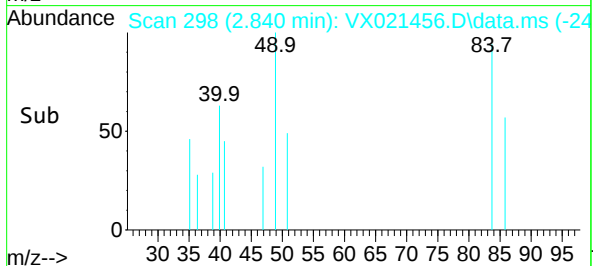
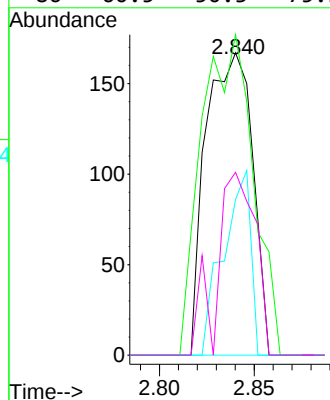
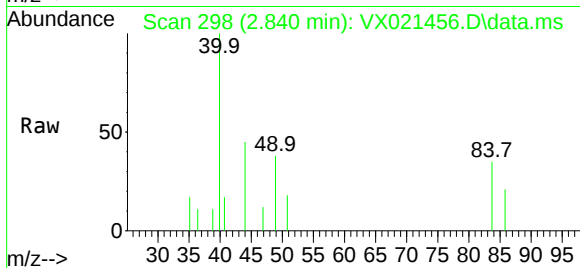
Ion Ratio Lower Upper

84 100

49 106.0 88.6 132.8

51 51.5 27.0 40.6#

86 60.5 50.3 75.5



#25

2-Butanone

Concen: 0.31 ug/l

RT: 4.635 min Scan# 603

Delta R.T. -0.000 min

Lab File: VX021456.D

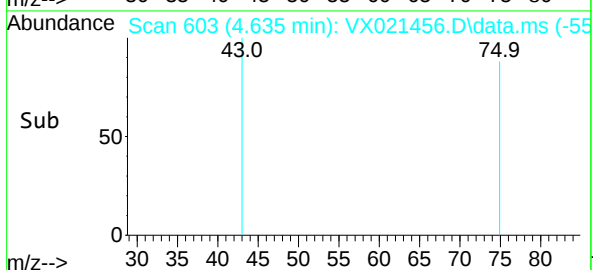
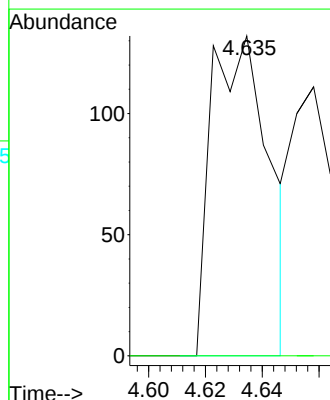
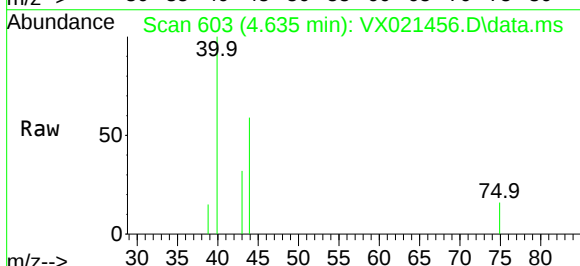
Acq: 25 Mar 2021 00:14

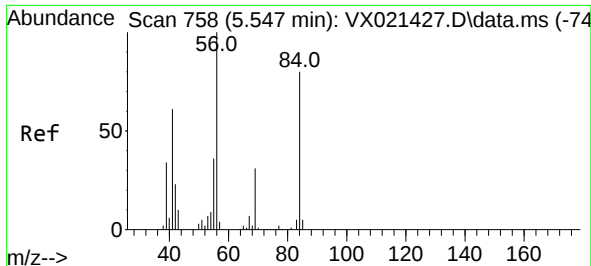
Tgt Ion: 43 Resp: 186

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#

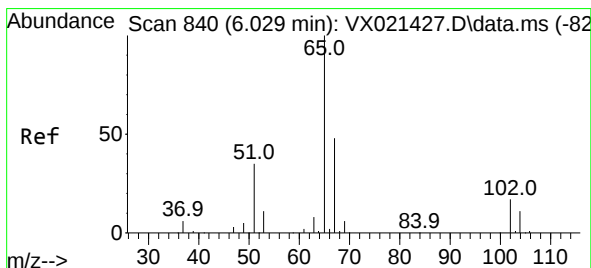
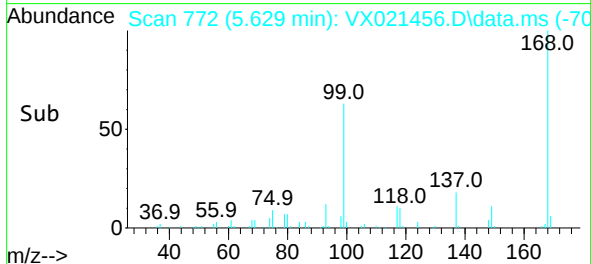
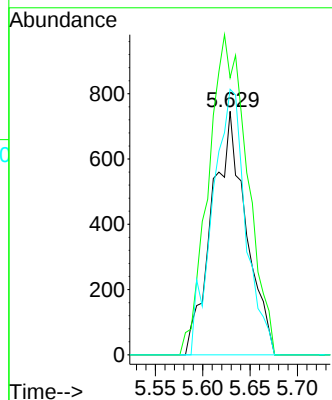
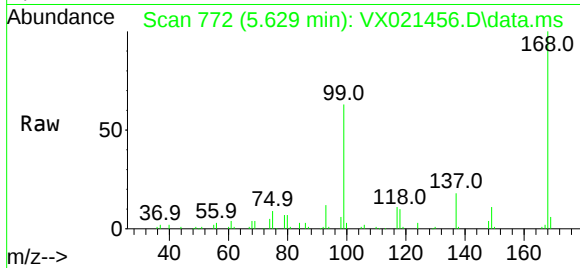




#31
Cyclohexane
Concen: 1.60 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021456.D
Acq: 25 Mar 2021 00:14

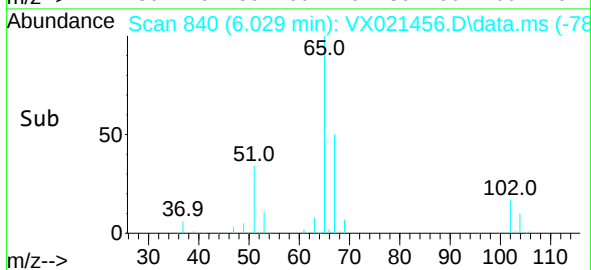
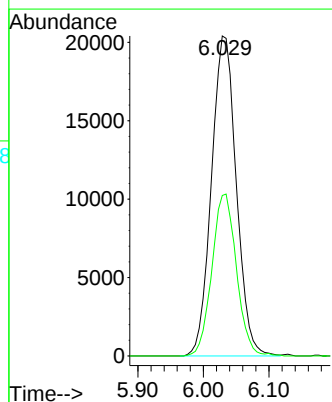
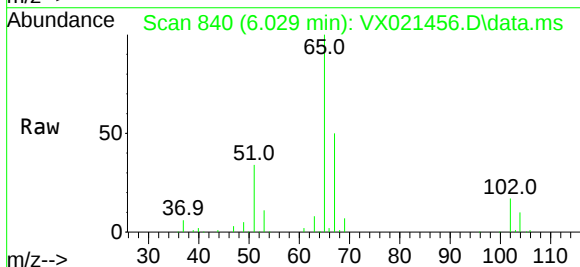
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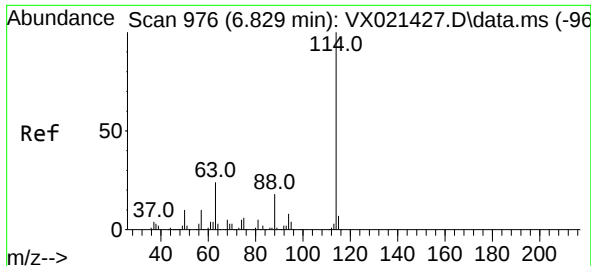
Tgt Ion: 56 Resp: 1862
Ion Ratio Lower Upper
56 100
69 113.8 25.3 37.9#
84 109.1 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 50.71 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021456.D
Acq: 25 Mar 2021 00:14

Tgt Ion: 65 Resp: 53742
Ion Ratio Lower Upper
65 100
67 49.9 0.0 105.4

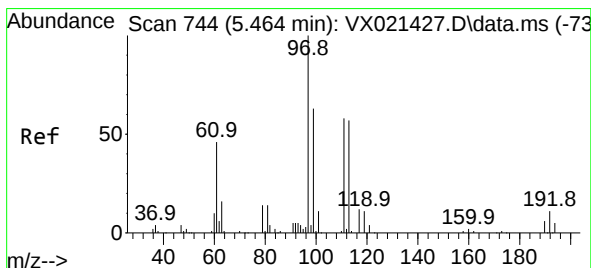
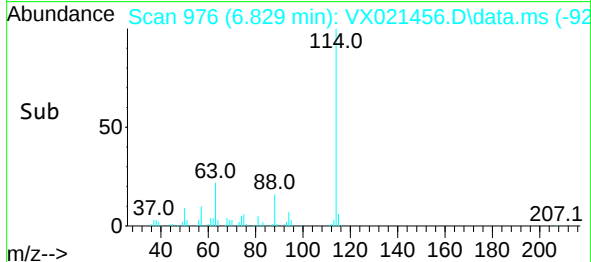
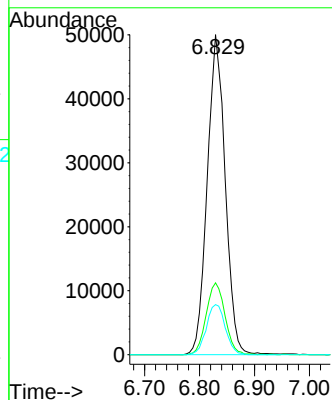
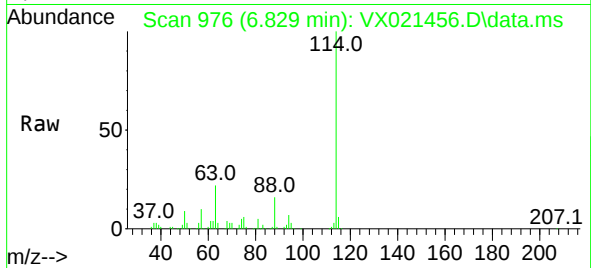




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021456.D
Acq: 25 Mar 2021 00:14

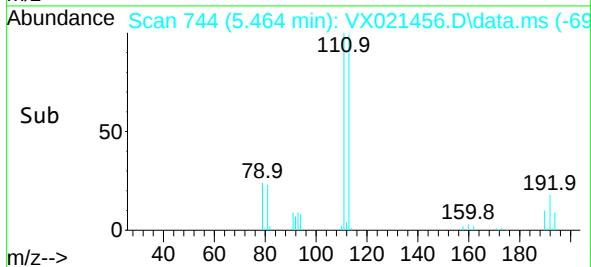
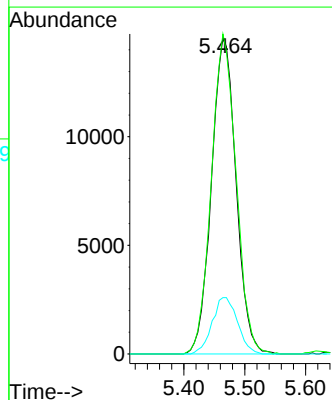
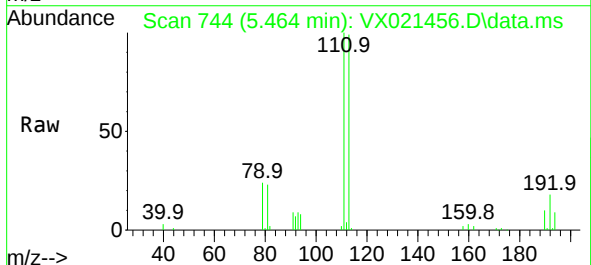
Instrument :
MSVOA_X
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MW-106D

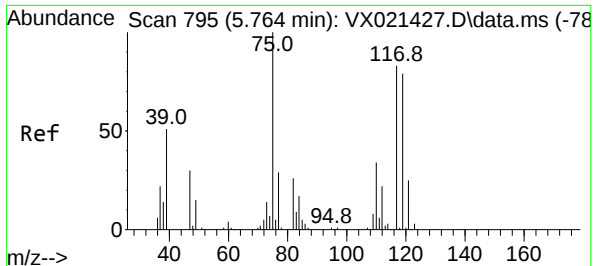
Tgt Ion:114 Resp: 113743
Ion Ratio Lower Upper
114 100
63 22.4 0.0 40.8
88 15.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.45 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021456.D
Acq: 25 Mar 2021 00:14

Tgt Ion:113 Resp: 40763
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 18.4 16.7 25.1

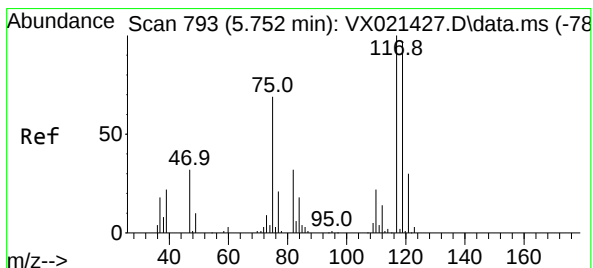
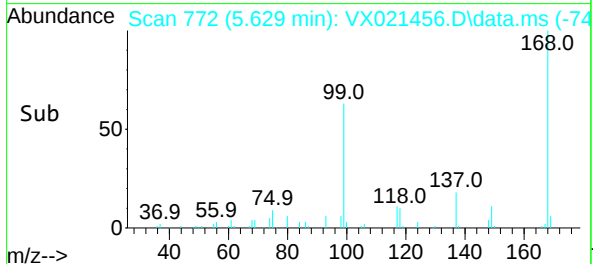
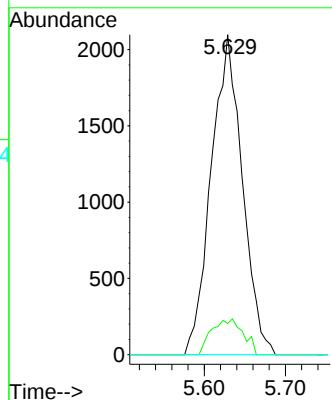
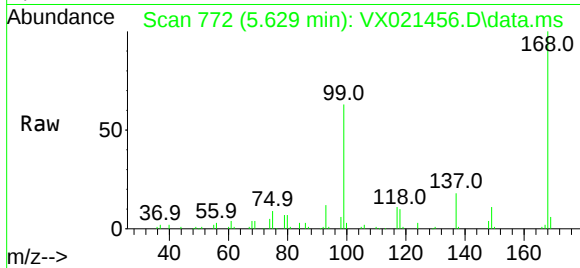




#36
1,1-Dichloropropene
Concen: 5.01 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.135 min
Lab File: VX021456.D
Acq: 25 Mar 2021 00:14

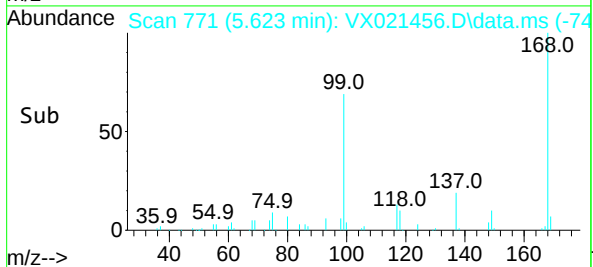
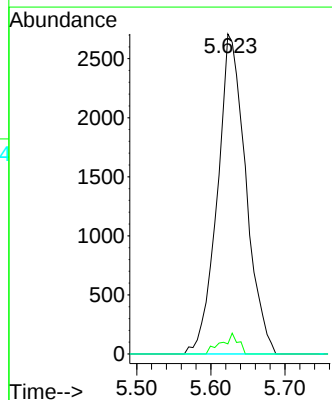
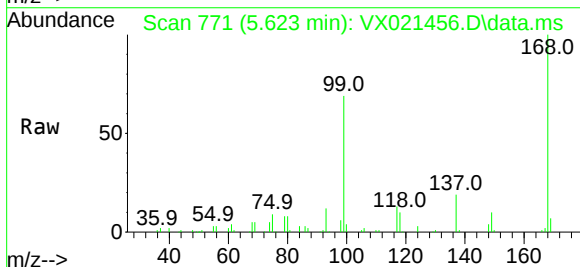
Instrument :
MSVOA_X
ClientSampled :
MW-106D

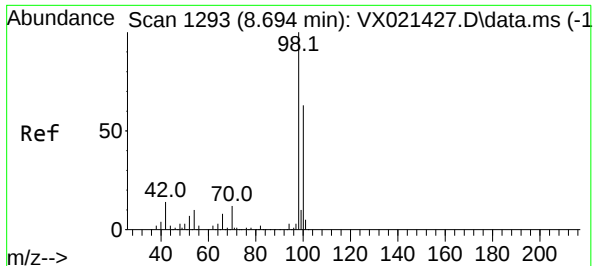
Tgt Ion: 75 Resp: 5581
Ion Ratio Lower Upper
75 100
110 11.3 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.03 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.129 min
Lab File: VX021456.D
Acq: 25 Mar 2021 00:14

Tgt Ion: 117 Resp: 7217
Ion Ratio Lower Upper
117 100
119 3.1 76.2 114.2#
121 0.0 24.8 37.2#

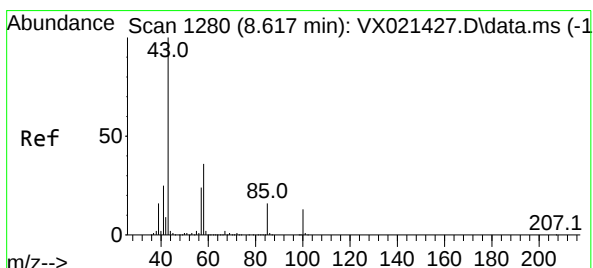
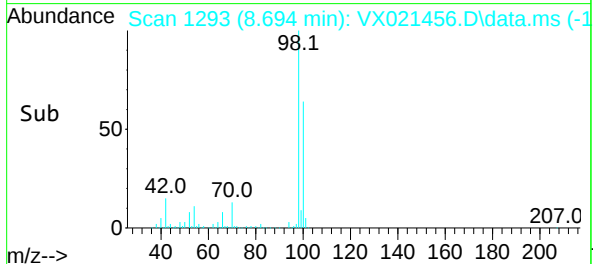
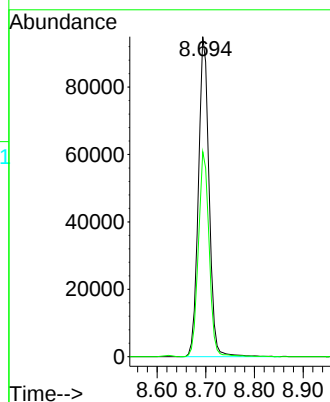
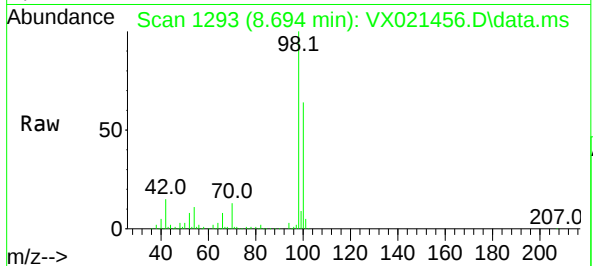




#50
Toluene-d8
Concen: 50.47 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021456.D
Acq: 25 Mar 2021 00:14

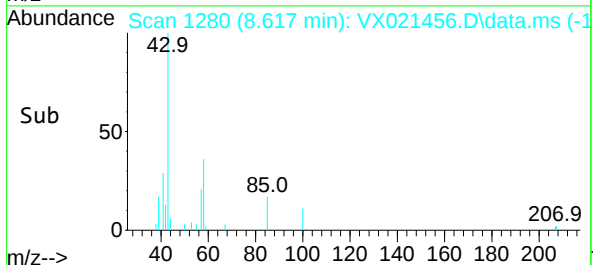
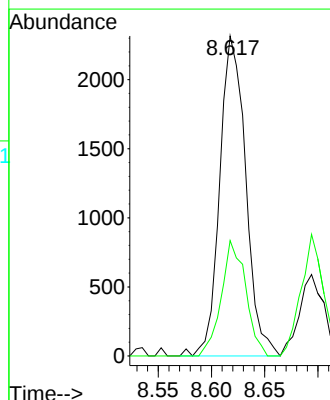
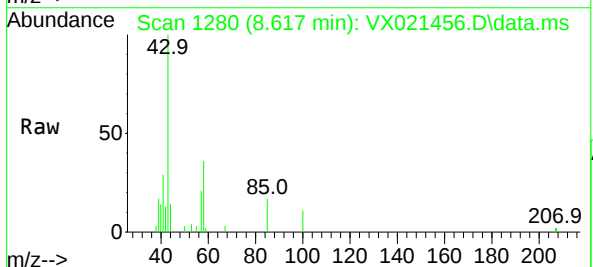
Instrument :
MSVOA_X
ClientSampleId :
MW-106D

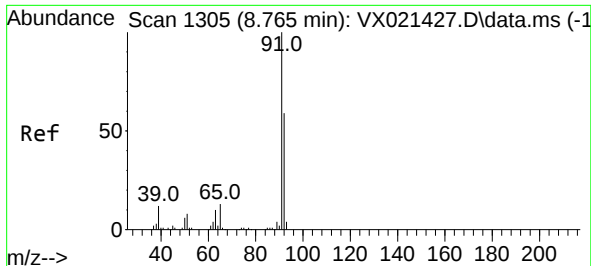
Tgt Ion: 98 Resp: 145296
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 3.05 ug/l
RT: 8.617 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VX021456.D
Acq: 25 Mar 2021 00:14

Tgt Ion: 43 Resp: 3931
Ion Ratio Lower Upper
43 100
58 34.0 35.4 53.0#

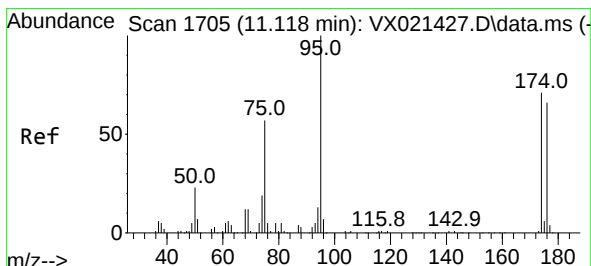
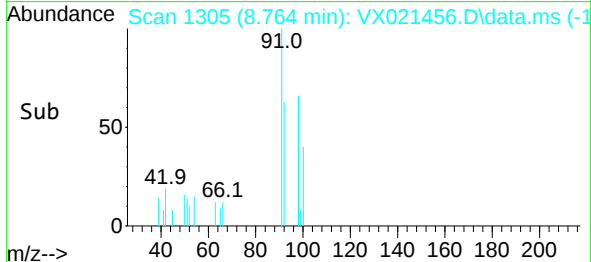
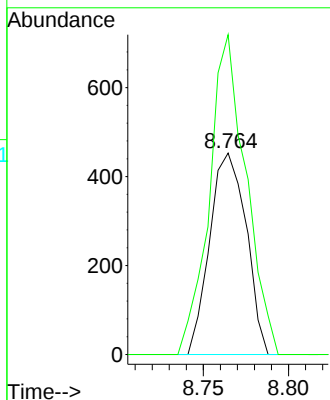
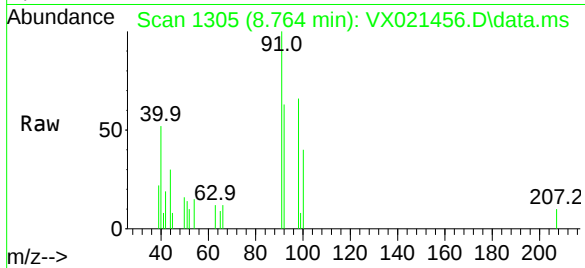




#52
Toluene
Concen: 0.35 ug/l
RT: 8.764 min Scan# 1305
Delta R.T. -0.001 min
Lab File: VX021456.D
Acq: 25 Mar 2021 00:14

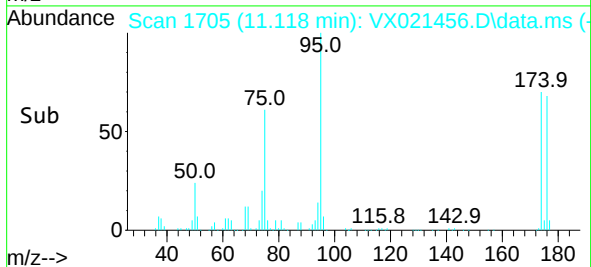
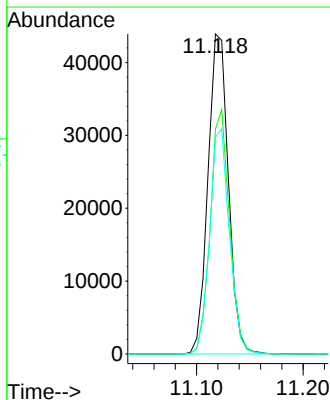
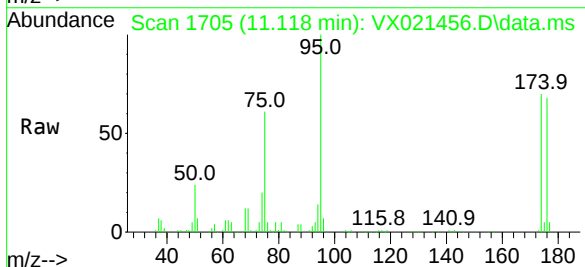
Instrument :
MSVOA_X
ClientSampled :
MW-106D

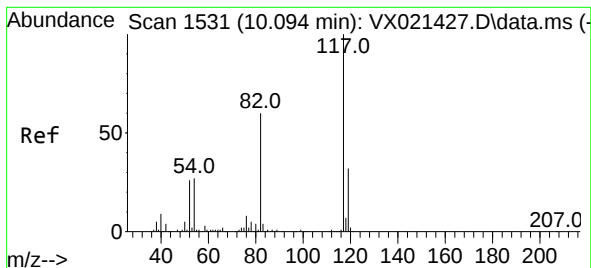
Tgt Ion: 92 Resp: 675
Ion Ratio Lower Upper
92 100
91 159.1 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 52.08 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021456.D
Acq: 25 Mar 2021 00:14

Tgt Ion: 95 Resp: 58296
Ion Ratio Lower Upper
95 100
174 72.7 0.0 154.6
176 68.2 0.0 155.8

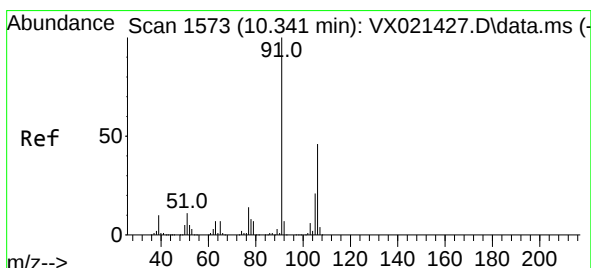
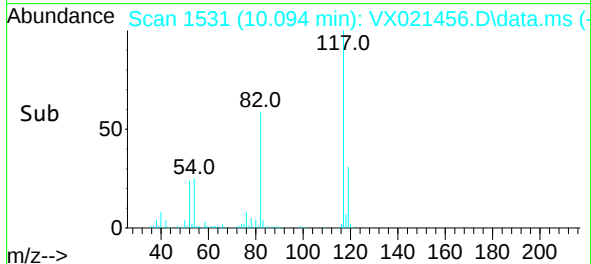
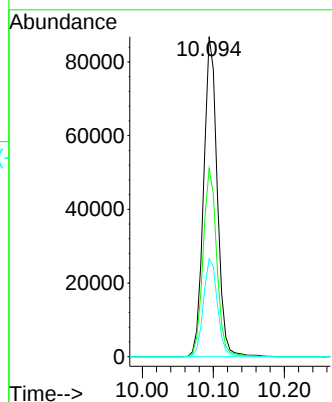
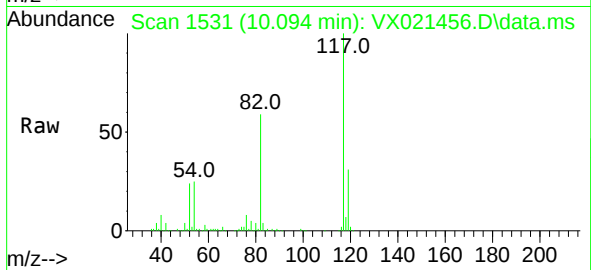




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021456.D
Acq: 25 Mar 2021 00:14

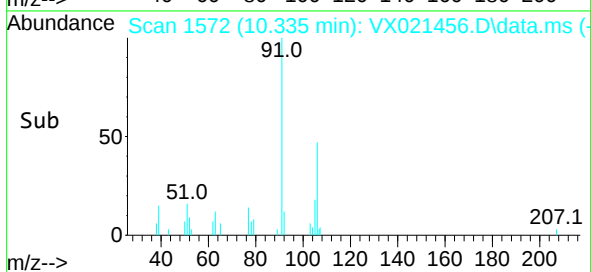
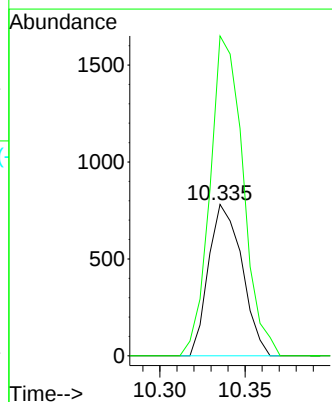
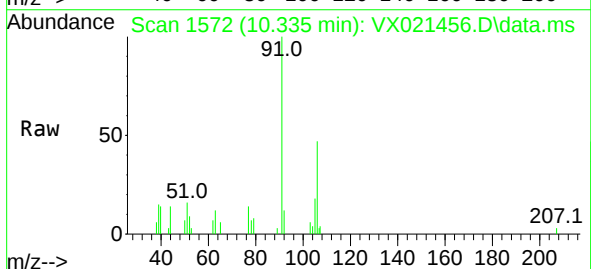
Instrument :
MSVOA_X
ClientSampleId :
MW-106D

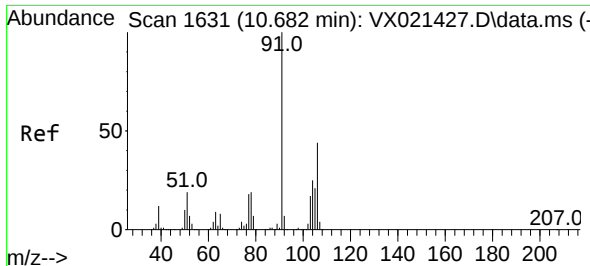
Tgt Ion:117 Resp: 116029
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.2
119 30.6 26.6 39.8



#68
m/p-Xylenes
Concen: 0.70 ug/l
RT: 10.335 min Scan# 1572
Delta R.T. -0.006 min
Lab File: VX021456.D
Acq: 25 Mar 2021 00:14

Tgt Ion:106 Resp: 1067
Ion Ratio Lower Upper
106 100
91 209.4 162.8 244.2

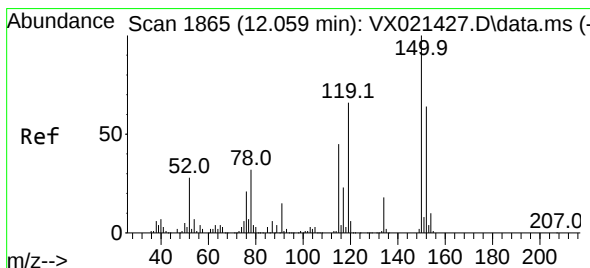
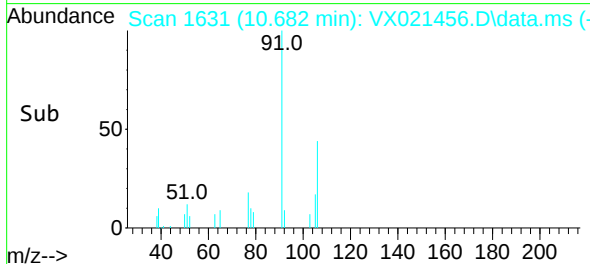
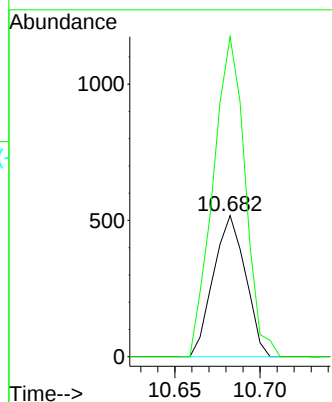
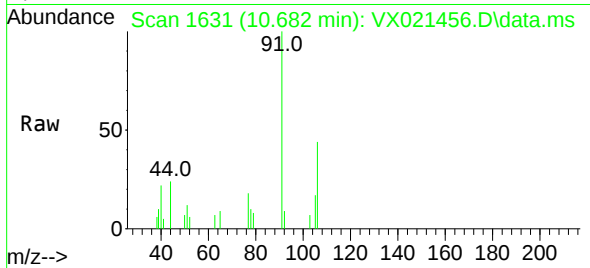




#69
o-Xylene
Concen: 0.46 ug/l
RT: 10.682 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VX021456.D
Acq: 25 Mar 2021 00:14

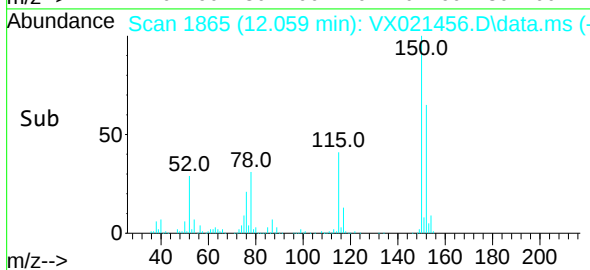
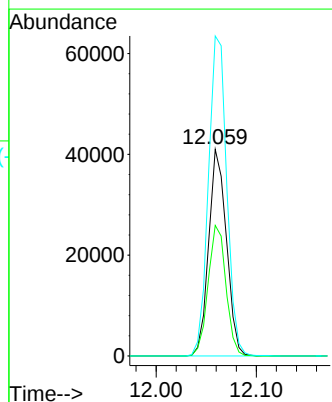
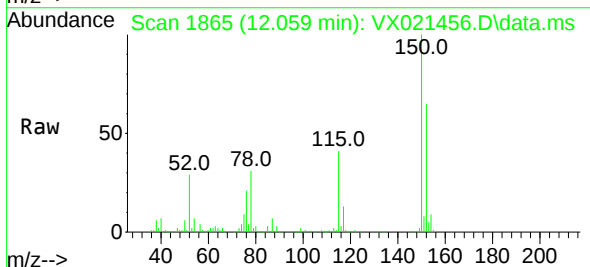
Instrument :
MSVOA_X
ClientSampleId :
MW-106D

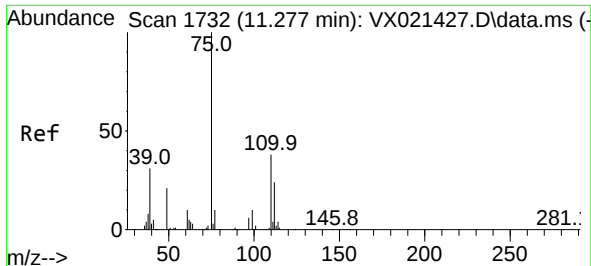
Tgt Ion:106 Resp: 678
Ion Ratio Lower Upper
106 100
91 225.8 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021456.D
Acq: 25 Mar 2021 00:14

Tgt Ion:152 Resp: 50608
Ion Ratio Lower Upper
152 100
115 63.4 41.1 123.3
150 159.4 0.0 349.0

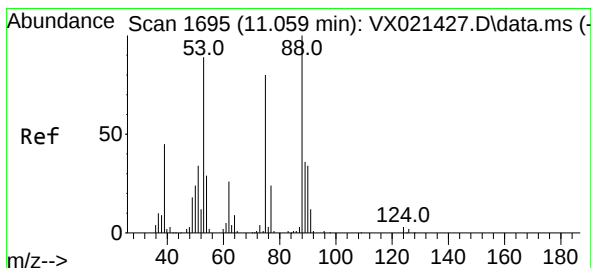
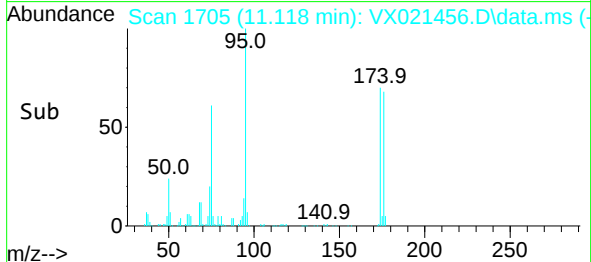
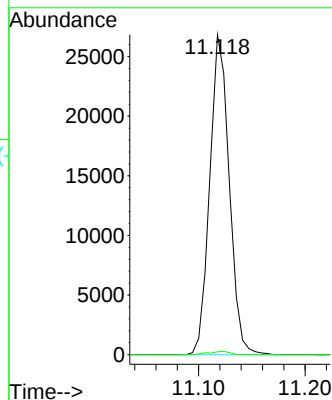
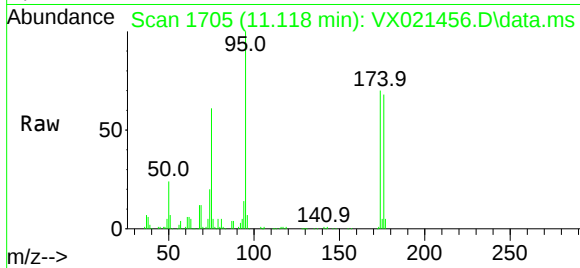




#76
1,2,3-Trichloropropane
Concen: 28.85 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021456.D
Acq: 25 Mar 2021 00:14

Instrument :
MSVOA_X
ClientSampleId :
MW-106D

Tgt Ion: 75 Resp: 33989
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.87 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021456.D
Acq: 25 Mar 2021 00:14

Tgt Ion: 75 Resp: 33989
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

