

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122220\
 Data File : VX020306.D
 Acq On : 22 Dec 2020 16:16
 Operator : JC/MD
 Sample : L5123-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW203D1-20201213

Quant Time: Dec 23 00:32:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

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

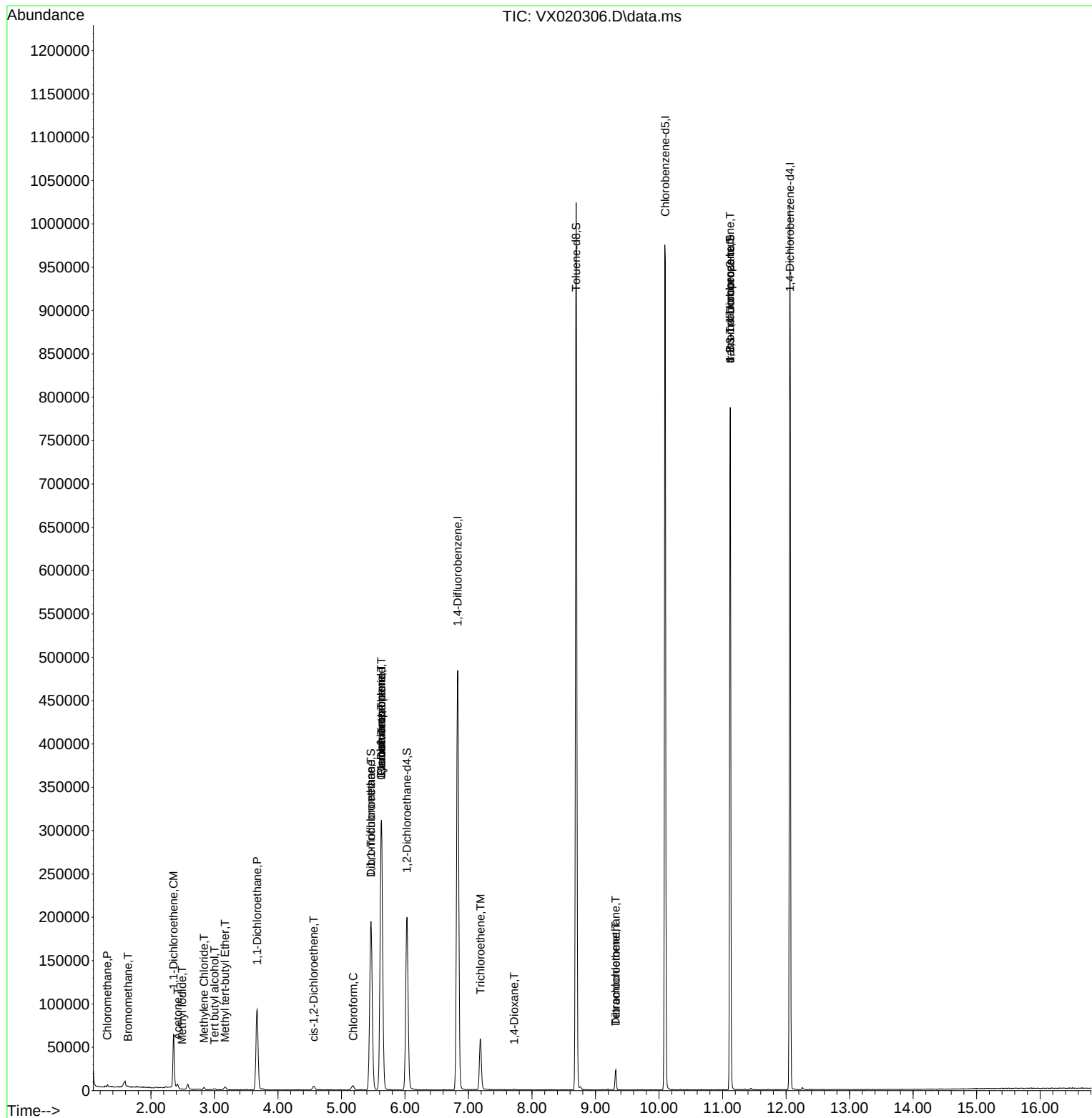
Internal Standards						
1) Pentafluorobenzene	5.629	168	301128	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	496721	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.097	117	462556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.060	152	203435	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	191449	47.43	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.86%		
35) Dibromofluoromethane	5.464	113	155489	48.93	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.86%		
50) Toluene-d8	8.695	98	599517	49.02	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.04%		
62) 4-Bromofluorobenzene	11.122	95	220530	47.11	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.22%		
Target Compounds					Qvalue	
3) Chloromethane	1.312	50	1072	0.28	ug/l	90
5) Bromomethane	1.636	94	428	0.32	ug/l	81
10) Methyl Iodide	2.489	142	135	3.32	ug/l #	42
11) Tert butyl alcohol	3.001	59	781	0.86	ug/l #	73
12) 1,1-Dichloroethene	2.355	96	19799	6.44	ug/l	97
16) Acetone	2.422	43	5625	3.06	ug/l	100
19) Methyl tert-butyl Ether	3.166	73	3822	0.33	ug/l	96
20) Methylene Chloride	2.837	84	1081	0.26	ug/l #	90
24) 1,1-Dichloroethane	3.672	63	107557	16.39	ug/l	99
27) cis-1,2-Dichloroethene	4.562	96	3048	0.72	ug/l	91
30) Chloroform	5.184	83	6045	0.90	ug/l	98
31) Cyclohexane	5.623	56	5792	1.04	ug/l #	1
32) 1,1,1-Trichloroethane	5.464	97	15009	2.69	ug/l	99
36) 1,1-Dichloropropene	5.623	75	23075	4.70	ug/l #	49
38) Carbon Tetrachloride	5.629	117	29155	6.24	ug/l #	17
44) Trichloroethene	7.189	130	23382	5.92	ug/l	100
49) 1,4-Dioxane	7.720	88	461	4.99	ug/l #	91
60) Dibromochloromethane	9.317	129	4015	1.05	ug/l #	11
64) Tetrachloroethene	9.317	164	4355	1.25	ug/l	98
76) 1,2,3-Trichloropropane	11.122	75	106185	21.19	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	106185	62.87	ug/l #	12

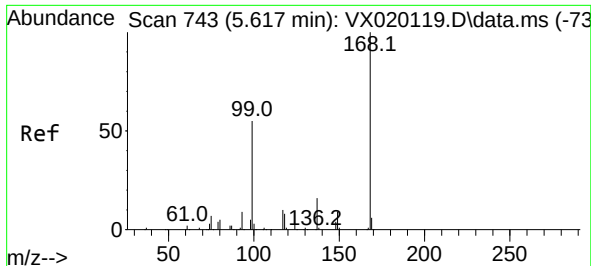
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration

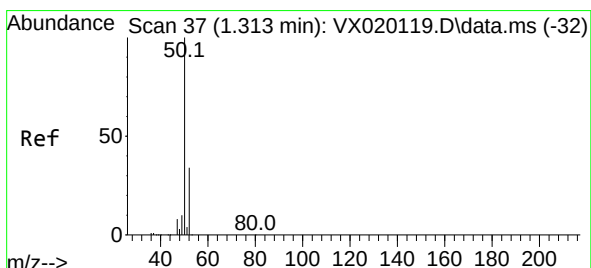
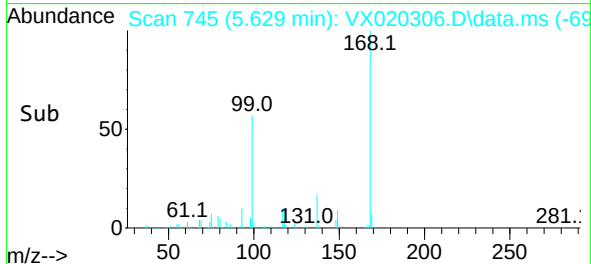
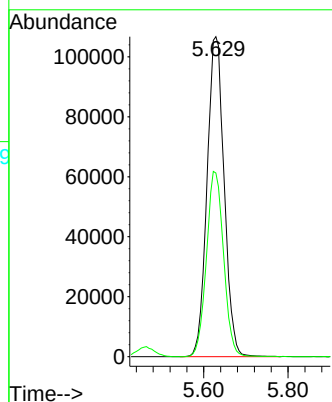
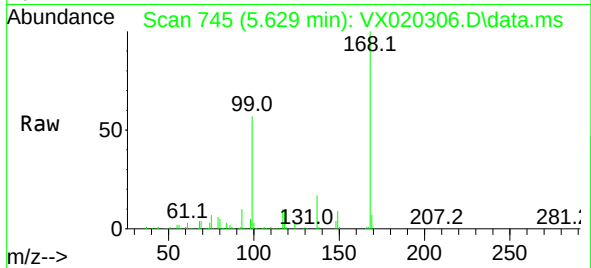




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020306.D
Acq: 22 Dec 2020 16:16

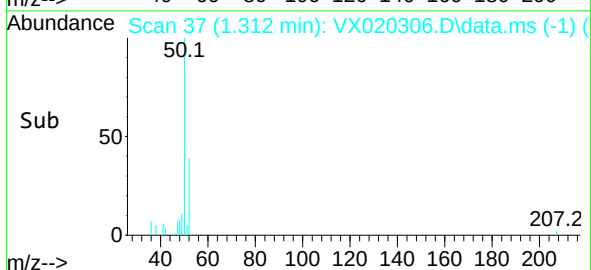
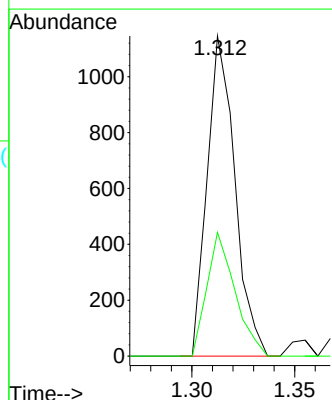
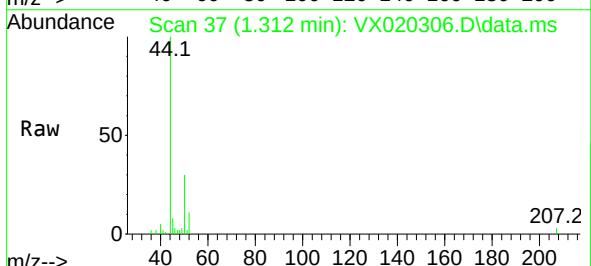
Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20201213

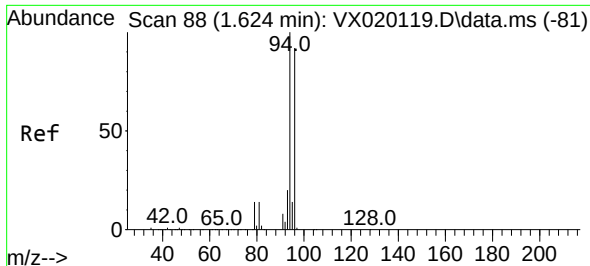
Tgt Ion:168 Resp: 301128
Ion Ratio Lower Upper
168 100
99 57.4 45.8 68.6



#3
Chloromethane
Concen: 0.28 ug/l
RT: 1.312 min Scan# 37
Delta R.T. -0.001 min
Lab File: VX020306.D
Acq: 22 Dec 2020 16:16

Tgt Ion: 50 Resp: 1072
Ion Ratio Lower Upper
50 100
52 38.7 26.4 39.6

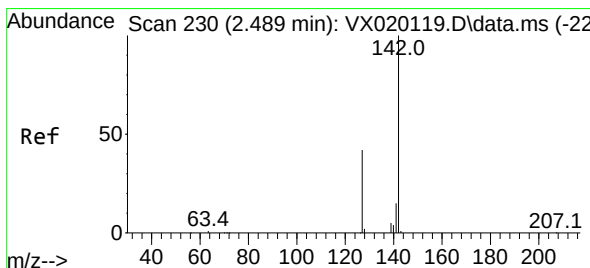
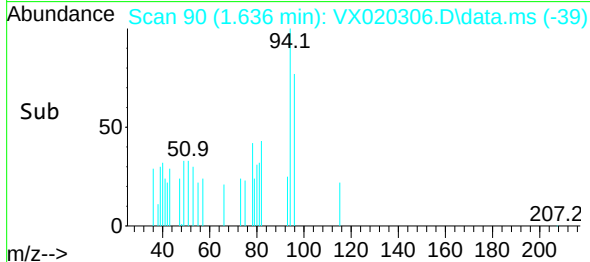
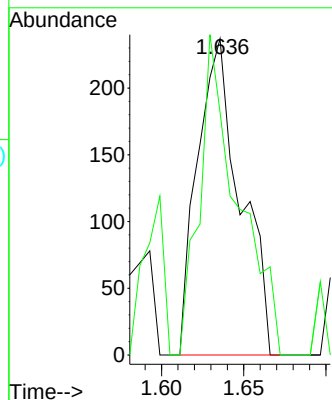
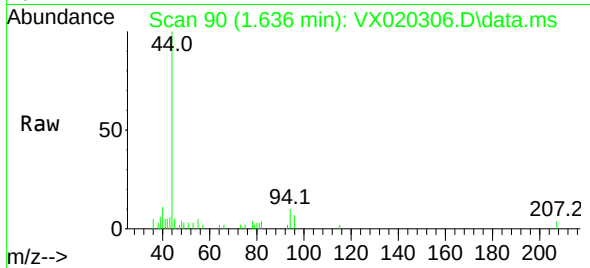




#5
Bromomethane
Concen: 0.32 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020306.D
Acq: 22 Dec 2020 16:16

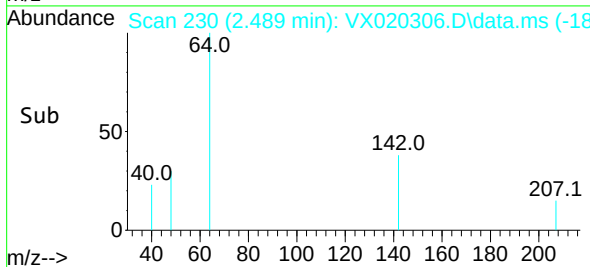
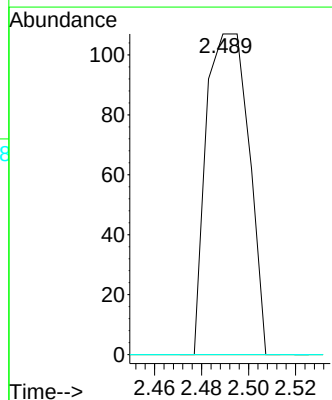
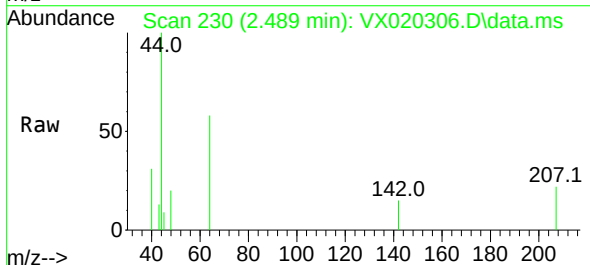
Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20201213

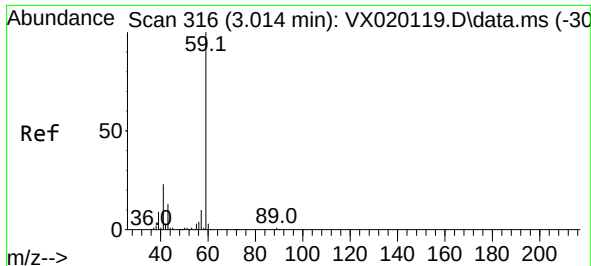
Tgt Ion: 94 Resp: 428
Ion Ratio Lower Upper
94 100
96 76.8 76.4 114.6



#10
Methyl Iodide
Concen: 3.32 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020306.D
Acq: 22 Dec 2020 16:16

Tgt Ion: 142 Resp: 135
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

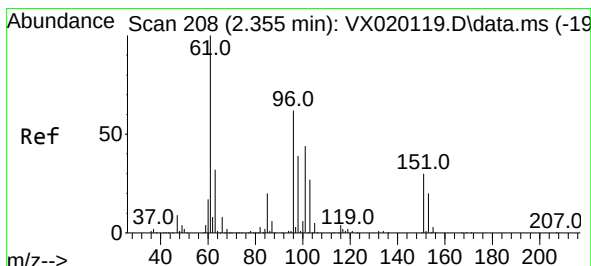
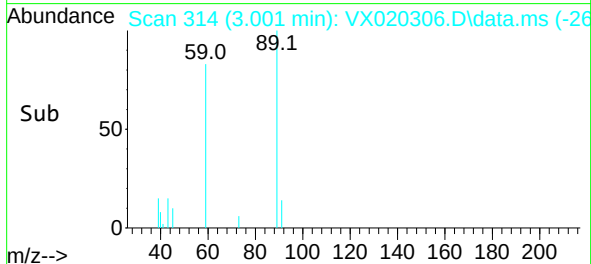
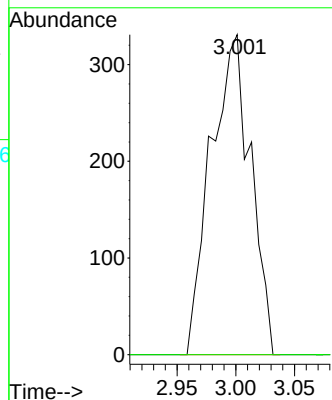
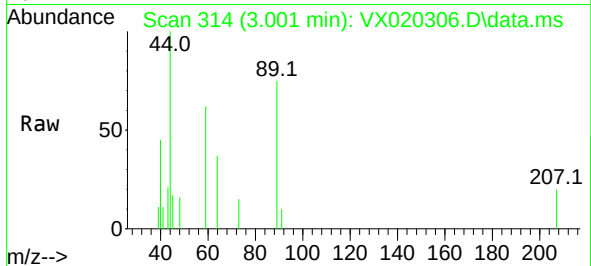




#11
Tert butyl alcohol
Concen: 0.86 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.013 min
Lab File: VX020306.D
Acq: 22 Dec 2020 16:16

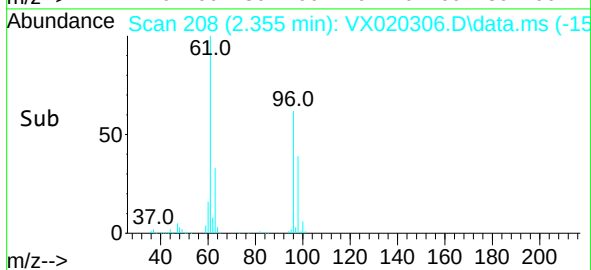
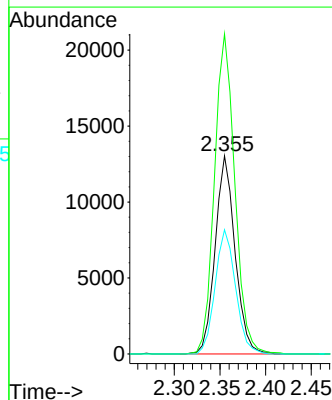
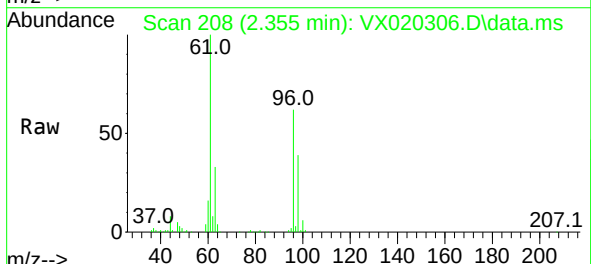
Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20201213

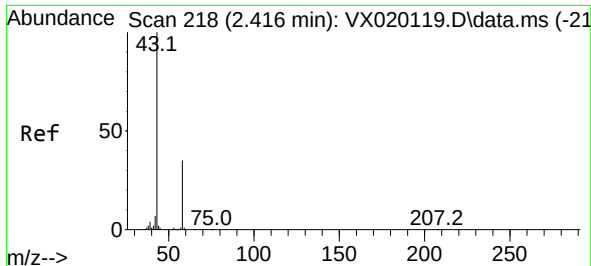
Tgt Ion: 59 Resp: 781
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 6.44 ug/l
RT: 2.355 min Scan# 208
Delta R.T. -0.000 min
Lab File: VX020306.D
Acq: 22 Dec 2020 16:16

Tgt Ion: 96 Resp: 19799
Ion Ratio Lower Upper
96 100
61 161.6 124.6 187.0
98 62.7 50.6 76.0

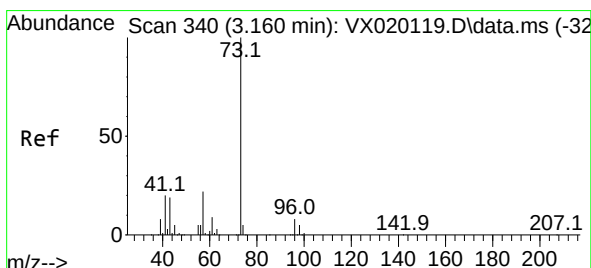
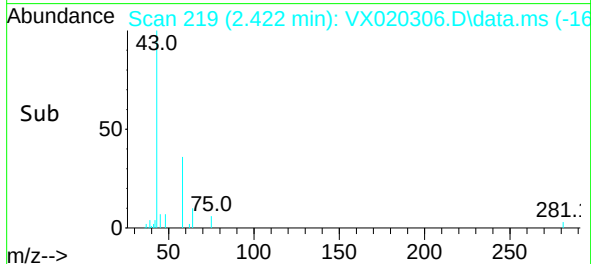
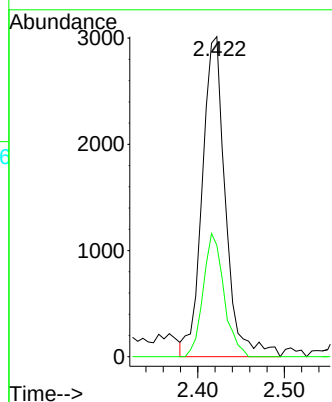
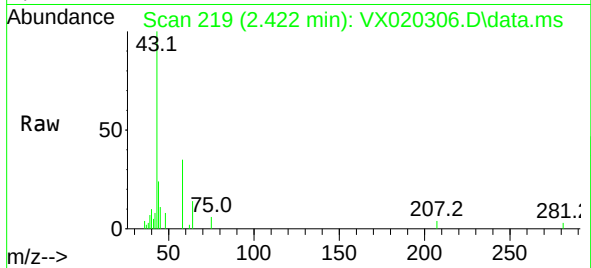




#16
Acetone
Concen: 3.06 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020306.D
Acq: 22 Dec 2020 16:16

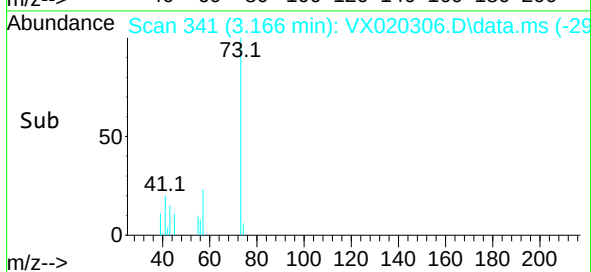
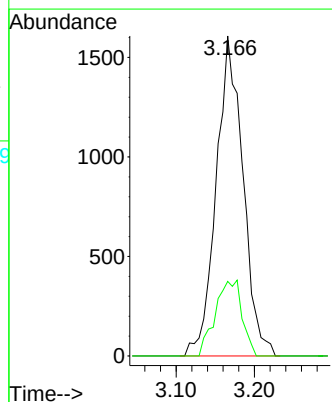
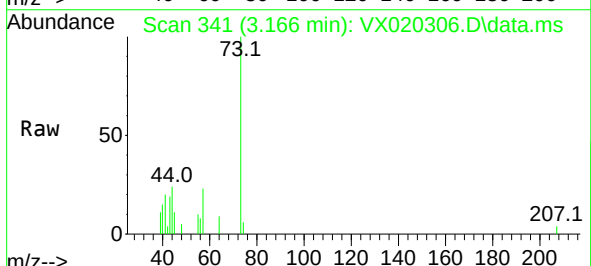
Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20201213

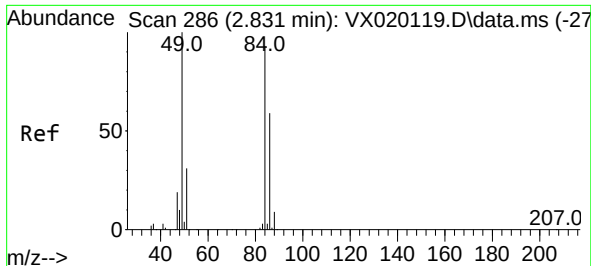
Tgt Ion: 43 Resp: 5625
Ion Ratio Lower Upper
43 100
58 34.8 27.8 41.8



#19
Methyl tert-butyl Ether
Concen: 0.33 ug/l
RT: 3.166 min Scan# 341
Delta R.T. 0.006 min
Lab File: VX020306.D
Acq: 22 Dec 2020 16:16

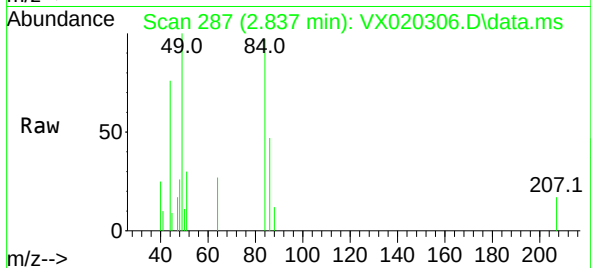
Tgt Ion: 73 Resp: 3822
Ion Ratio Lower Upper
73 100
57 23.3 17.1 25.7



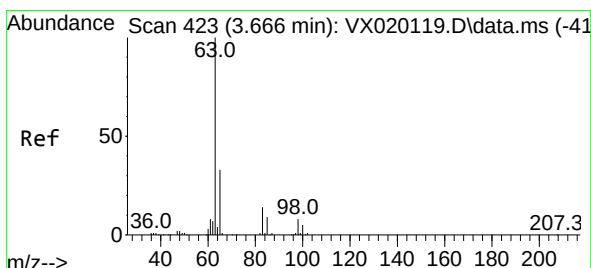
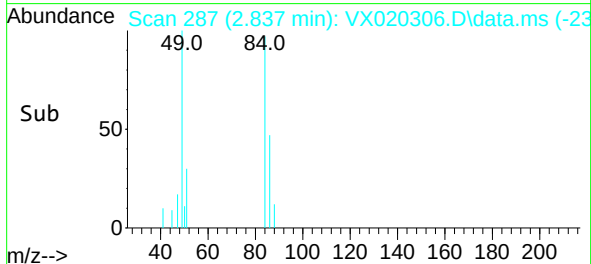
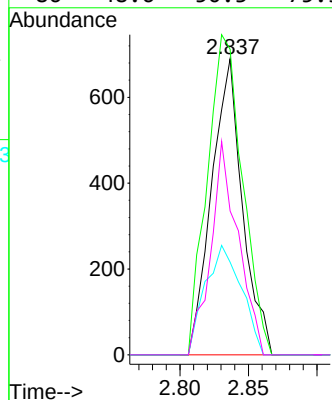


#20
Methylene Chloride
Concen: 0.26 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020306.D
Acq: 22 Dec 2020 16:16

Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20201213

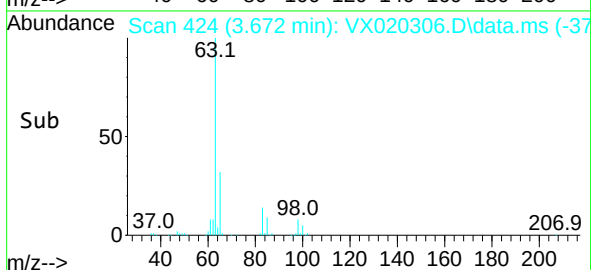
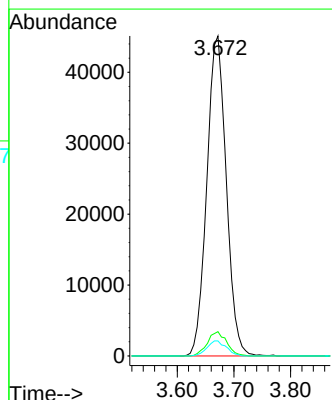
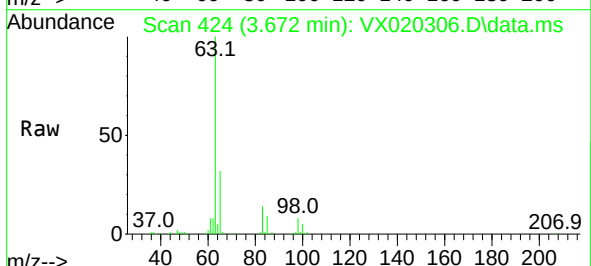


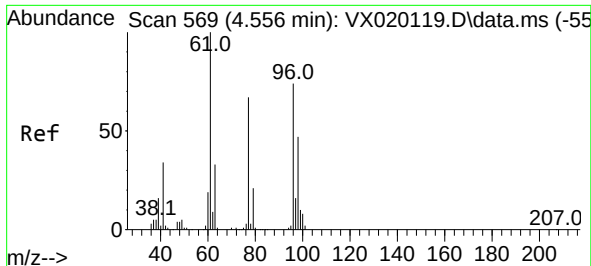
Tgt Ion:	84	Resp:	1081
Ion	Ratio	Lower	Upper
84	100		
49	103.2	88.6	132.8
51	31.3	27.0	40.6
86	48.6	50.3	75.5



#24
1,1-Dichloroethane
Concen: 16.39 ug/l
RT: 3.672 min Scan# 424
Delta R.T. 0.006 min
Lab File: VX020306.D
Acq: 22 Dec 2020 16:16

Tgt Ion:	63	Resp:	107557
Ion	Ratio	Lower	Upper
63	100		
98	7.6	3.8	11.2
100	4.7	2.5	7.5





#27

cis-1,2-Dichloroethene

Concen: 0.72 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.006 min

Lab File: VX020306.D

Acq: 22 Dec 2020 16:16

Tgt Ion: 96 Resp: 3048

Ion Ratio Lower Upper

96 100

61 127.8 0.0 285.6

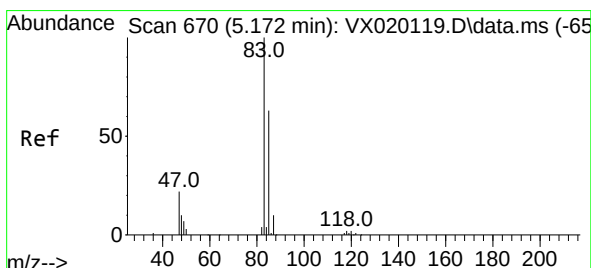
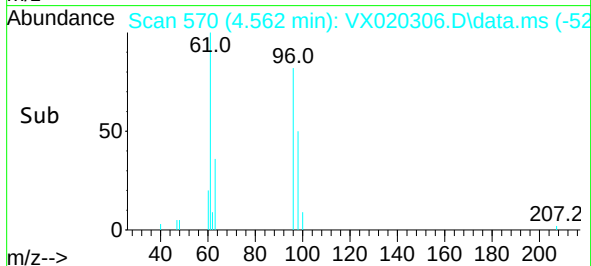
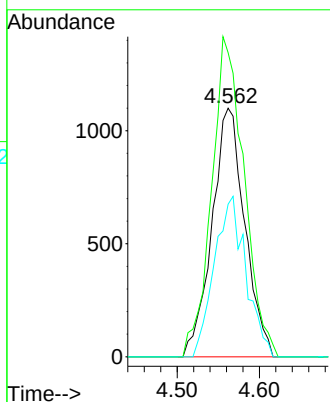
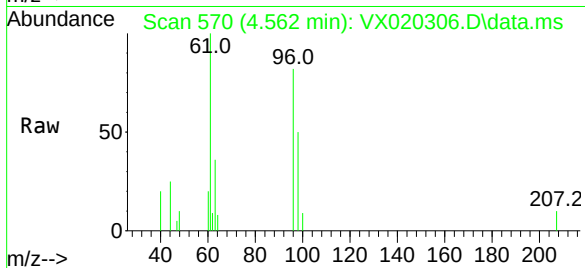
98 62.1 0.0 129.6

Instrument :

MSVOA_X

ClientSampleId :

MW203D1-20201213



#30

Chloroform

Concen: 0.90 ug/l

RT: 5.184 min Scan# 672

Delta R.T. 0.012 min

Lab File: VX020306.D

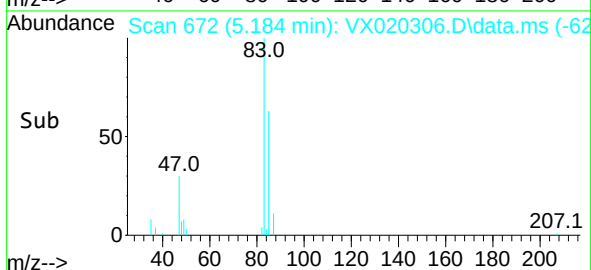
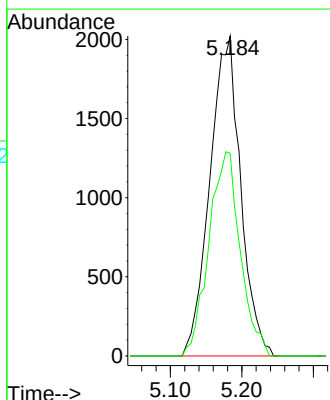
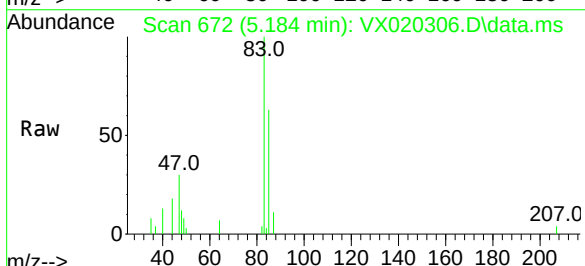
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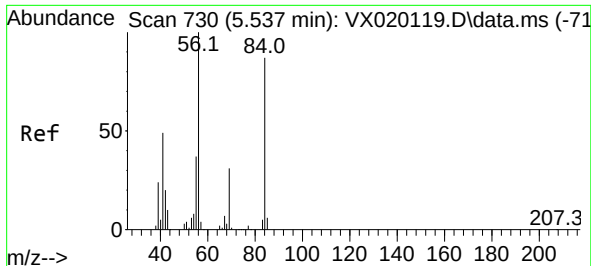
Tgt Ion: 83 Resp: 6045

Ion Ratio Lower Upper

83 100

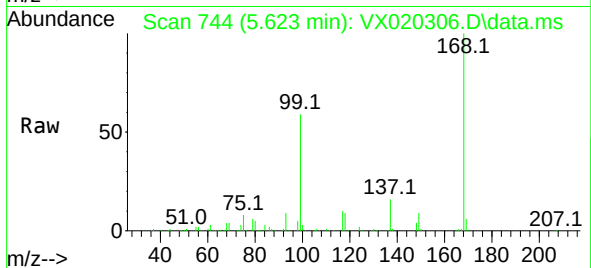
85 63.4 52.0 78.0



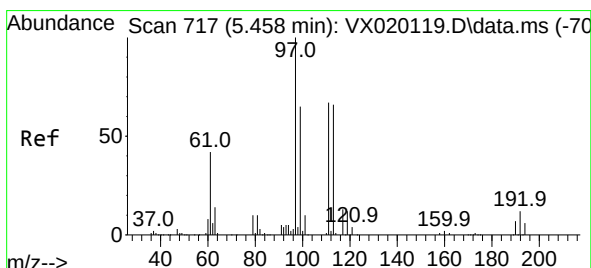
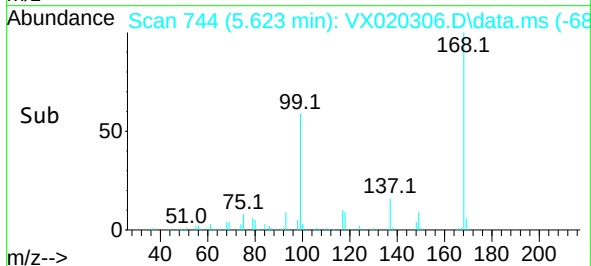
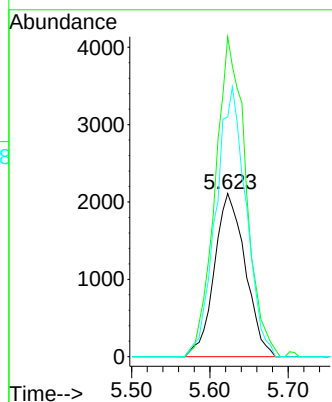


#31
Cyclohexane
Concen: 1.04 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020306.D
Acq: 22 Dec 2020 16:16

Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20201213

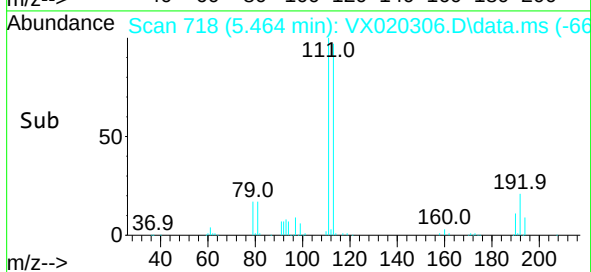
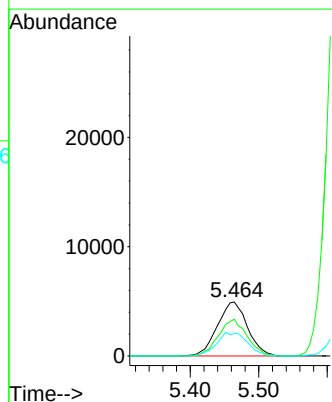
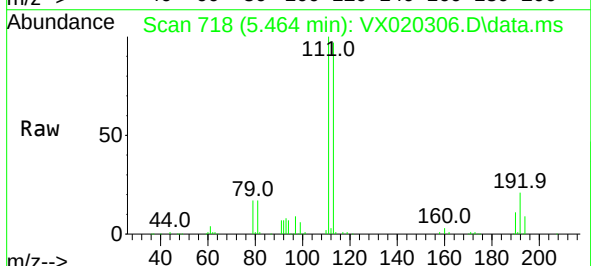


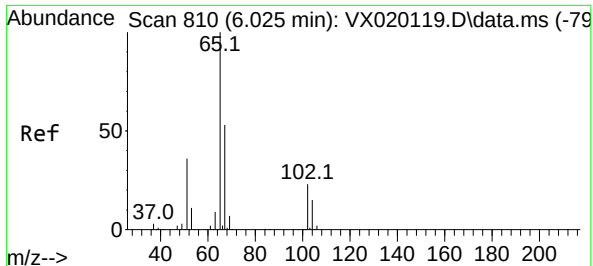
Tgt Ion: 56 Resp: 5792
Ion Ratio Lower Upper
56 100
69 196.0 25.3 37.9#
84 146.8 71.4 107.0#



#32
1,1,1-Trichloroethane
Concen: 2.69 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020306.D
Acq: 22 Dec 2020 16:16

Tgt Ion: 97 Resp: 15009
Ion Ratio Lower Upper
97 100
99 64.9 51.5 77.3
61 44.1 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 47.43 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020306.D

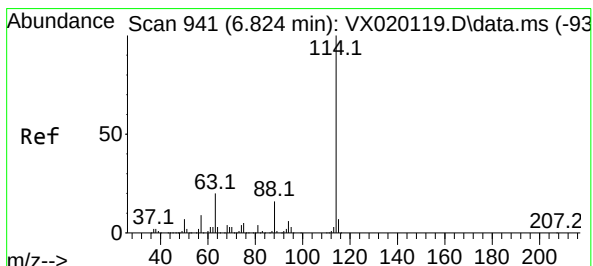
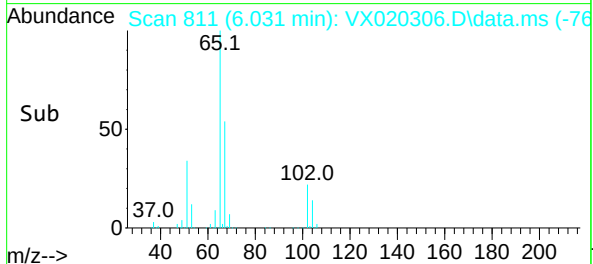
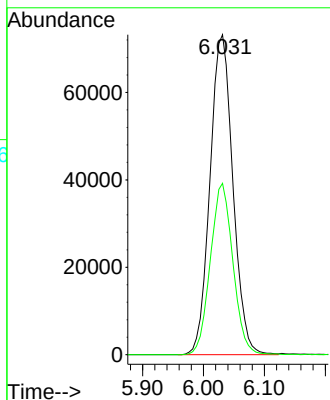
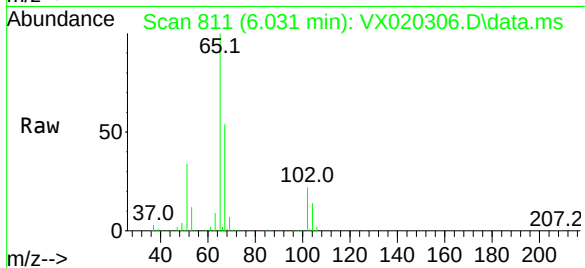
Acq: 22 Dec 2020 16:16

Tgt Ion: 65 Resp: 191449

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.006 min

Lab File: VX020306.D

Acq: 22 Dec 2020 16:16

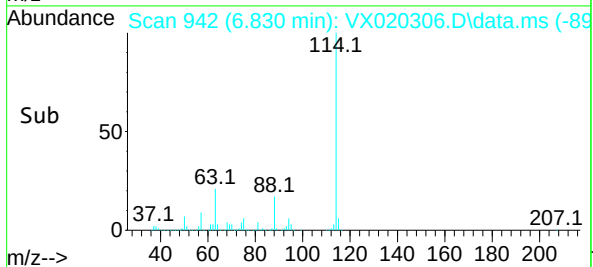
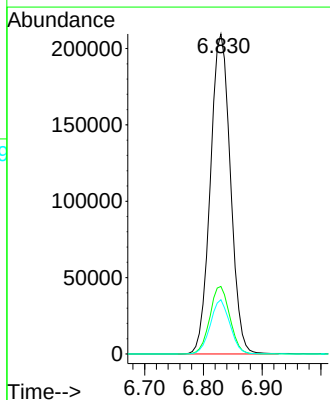
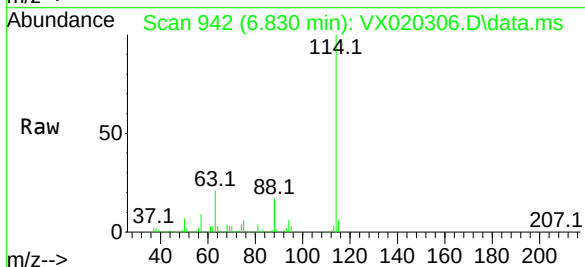
Tgt Ion: 114 Resp: 496721

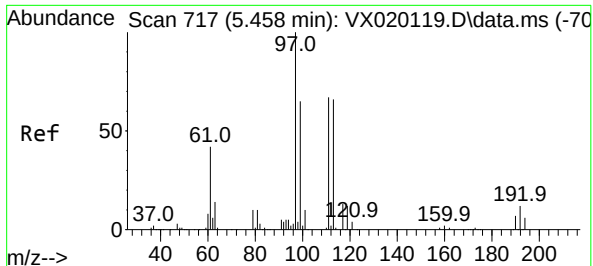
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.8

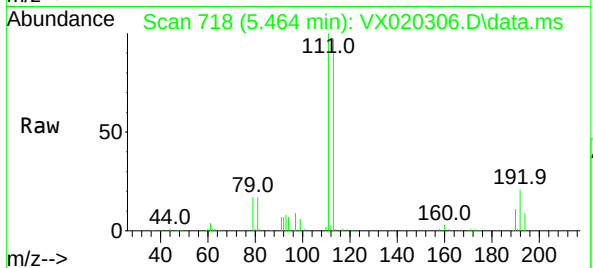
88 17.0 0.0 32.8



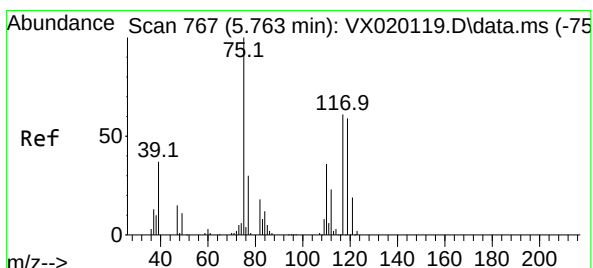
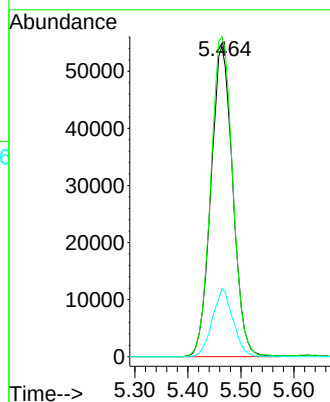
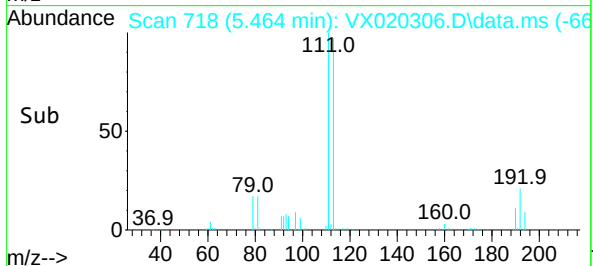


#35
Dibromofluoromethane
Concen: 48.93 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020306.D
Acq: 22 Dec 2020 16:16

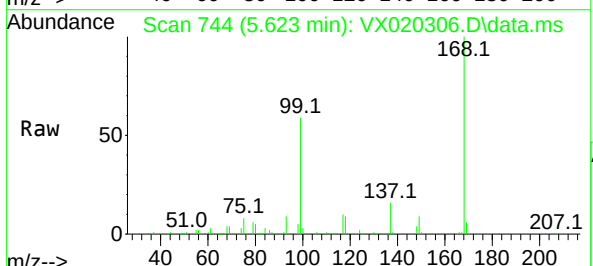
Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20201213



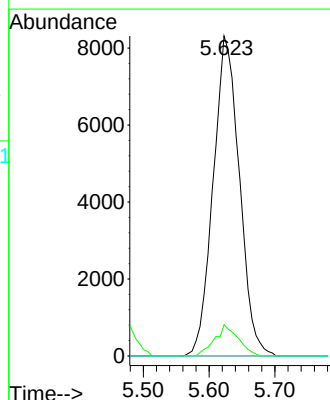
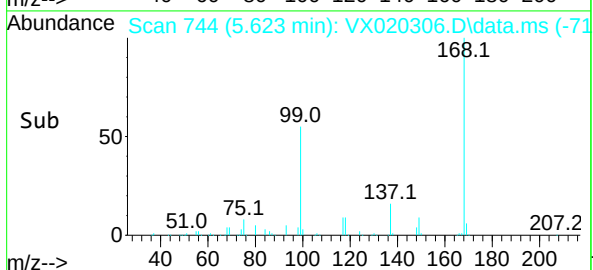
Tgt Ion:113 Resp: 155489
Ion Ratio Lower Upper
113 100
111 104.0 81.9 122.9
192 20.7 16.7 25.1

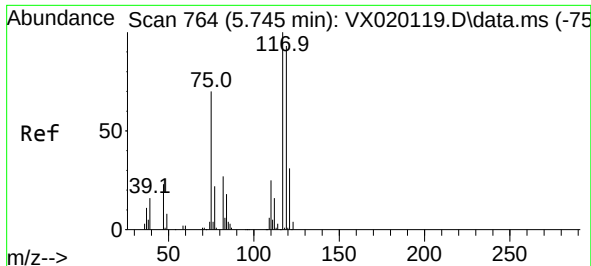


#36
1,1-Dichloropropene
Concen: 4.70 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020306.D
Acq: 22 Dec 2020 16:16



Tgt Ion: 75 Resp: 23075
Ion Ratio Lower Upper
75 100
110 8.8 18.1 54.4#
77 0.0 25.3 37.9#

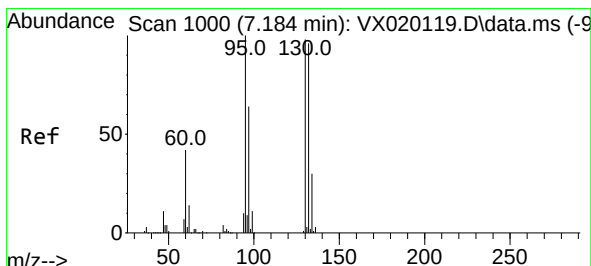
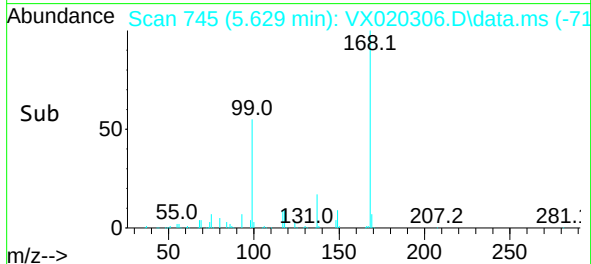
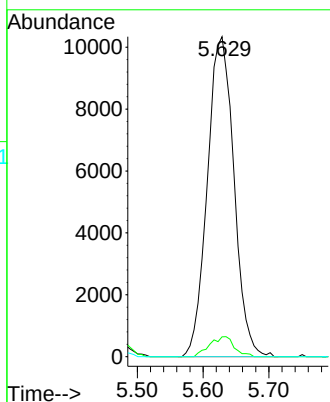
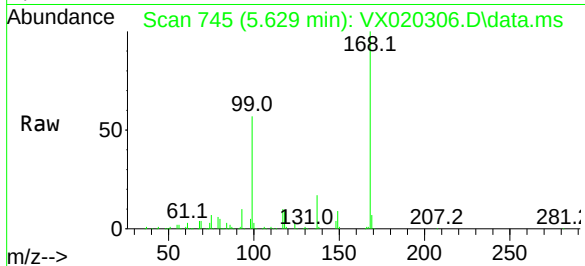




#38
Carbon Tetrachloride
Concen: 6.24 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020306.D
Acq: 22 Dec 2020 16:16

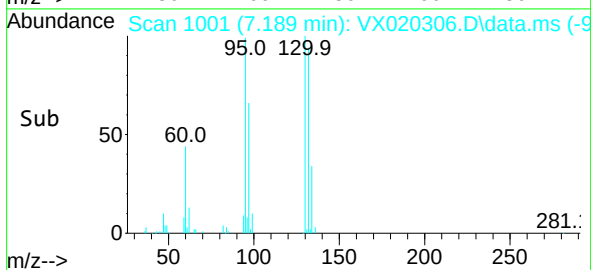
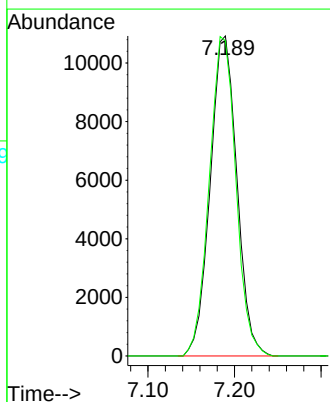
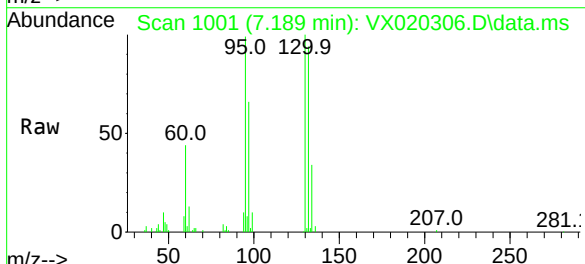
Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20201213

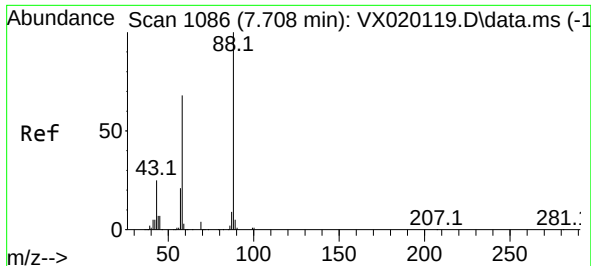
Tgt Ion:117 Resp: 29155
Ion Ratio Lower Upper
117 100
119 6.2 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 5.92 ug/l
RT: 7.189 min Scan# 1001
Delta R.T. 0.005 min
Lab File: VX020306.D
Acq: 22 Dec 2020 16:16

Tgt Ion:130 Resp: 23382
Ion Ratio Lower Upper
130 100
95 98.5 0.0 198.0

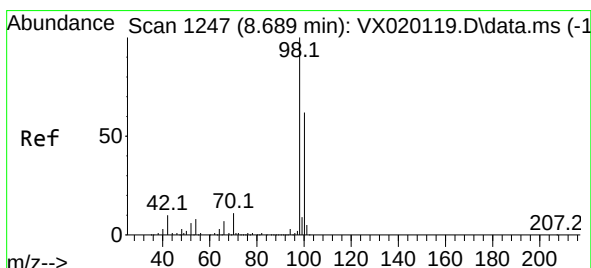
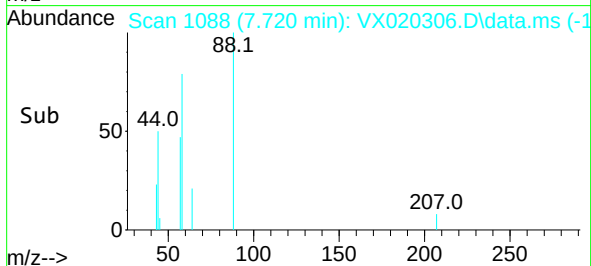
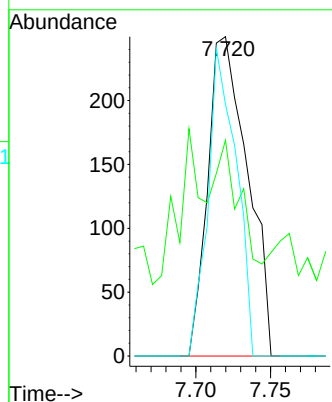
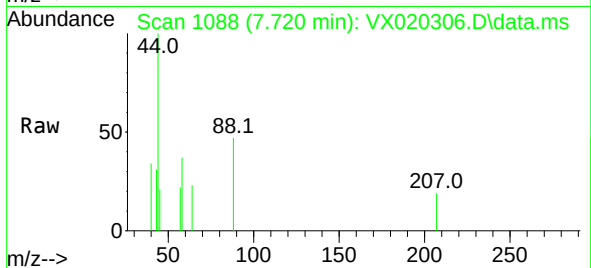




#49
1,4-Dioxane
Concen: 4.99 ug/l
RT: 7.720 min Scan# 1088
Delta R.T. 0.012 min
Lab File: VX020306.D
Acq: 22 Dec 2020 16:16

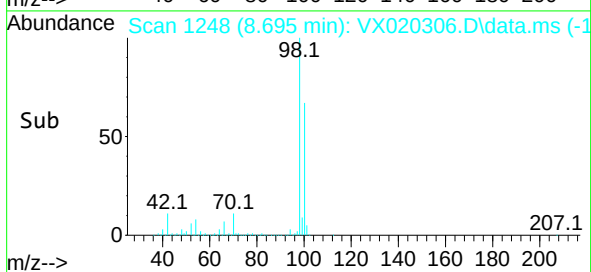
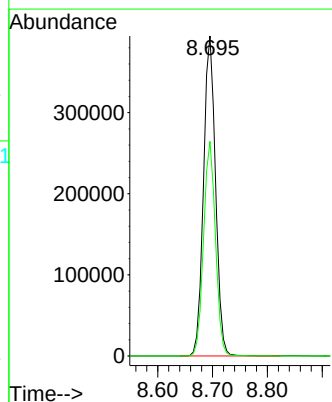
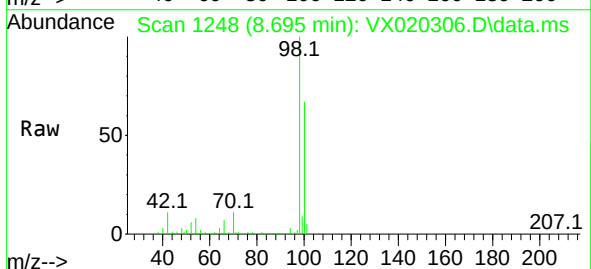
Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20201213

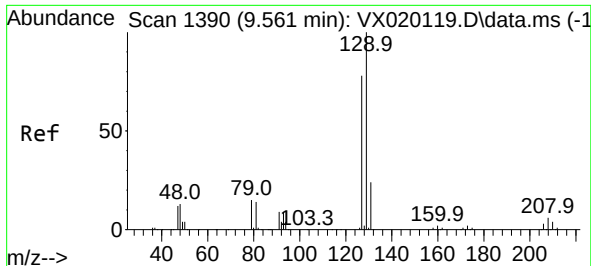
Tgt Ion:	88	Resp:	461
Ion	Ratio	Lower	Upper
88	100		
43	45.1	23.2	34.8#
58	69.2	55.0	82.4



#50
Toluene-d8
Concen: 49.02 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020306.D
Acq: 22 Dec 2020 16:16

Tgt Ion:	98	Resp:	599517
Ion	Ratio	Lower	Upper
98	100		
100	66.5	51.9	77.9

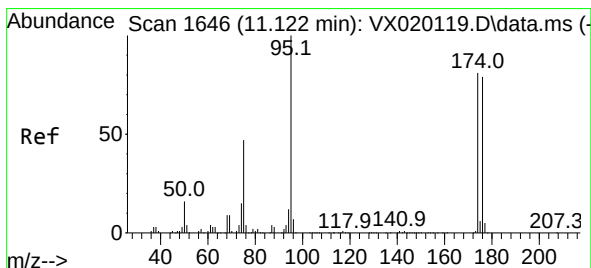
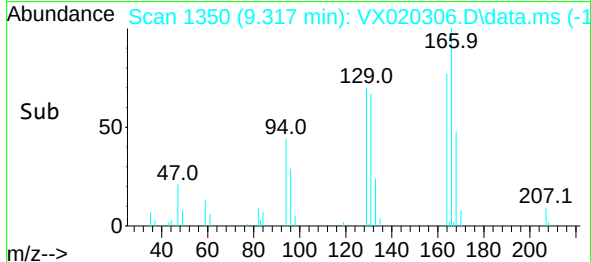
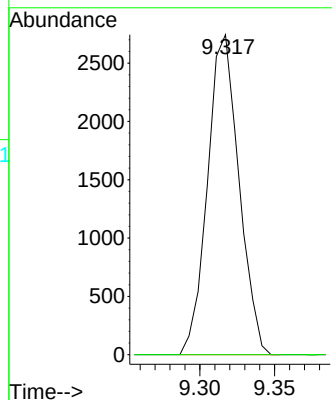
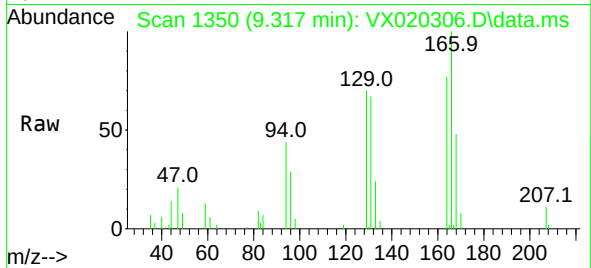




#60
Dibromochloromethane
Concen: 1.05 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. -0.244 min
Lab File: VX020306.D
Acq: 22 Dec 2020 16:16

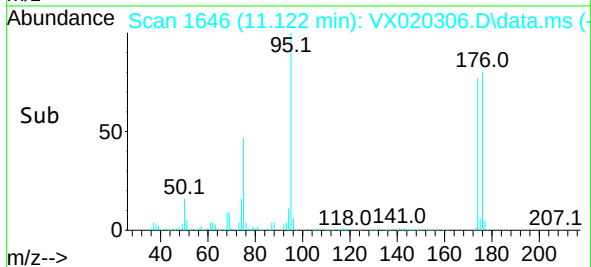
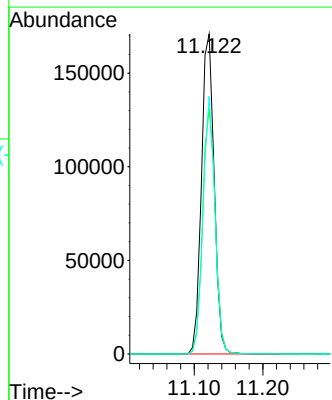
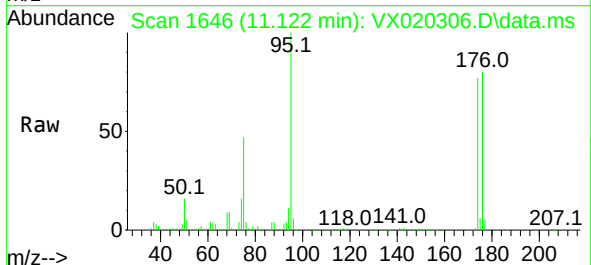
Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20201213

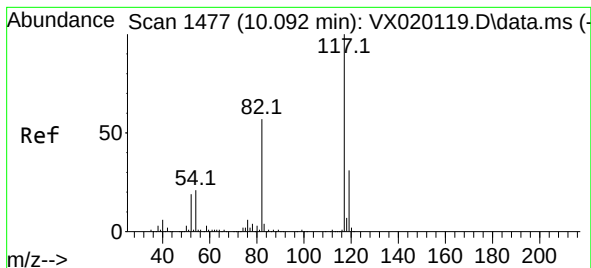
Tgt Ion:129 Resp: 4015
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 47.11 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020306.D
Acq: 22 Dec 2020 16:16

Tgt Ion: 95 Resp: 220530
Ion Ratio Lower Upper
95 100
174 76.9 0.0 154.6
176 75.6 0.0 155.8

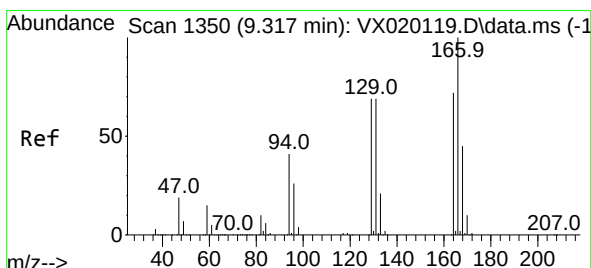
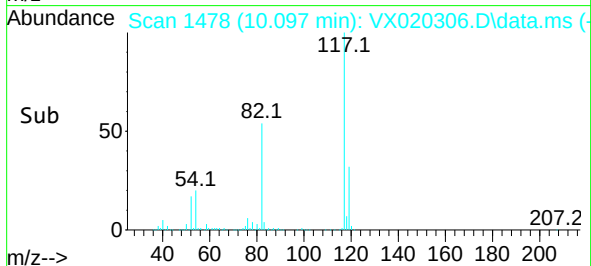
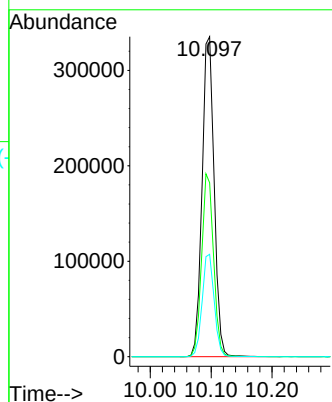
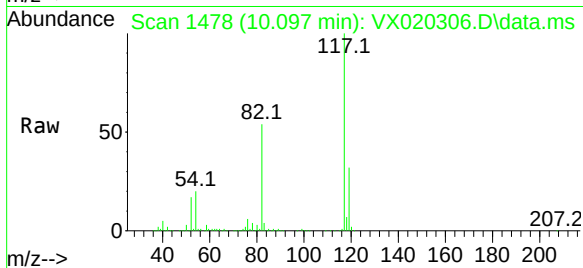




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.097 min Scan# 1478
Delta R.T. 0.005 min
Lab File: VX020306.D
Acq: 22 Dec 2020 16:16

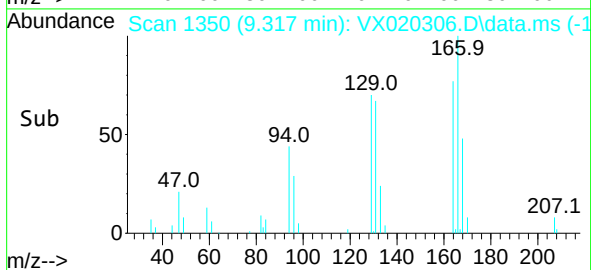
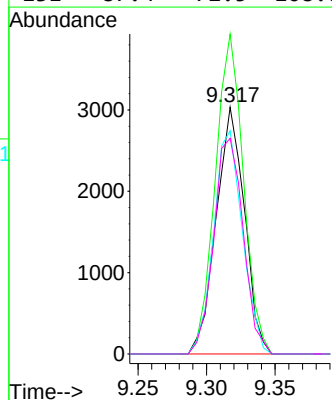
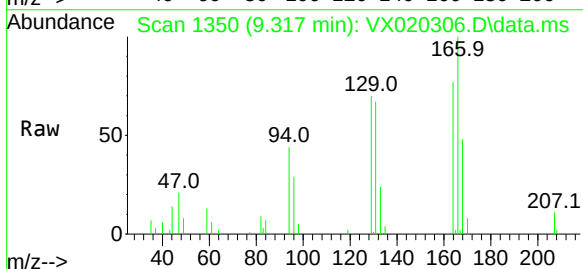
Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20201213

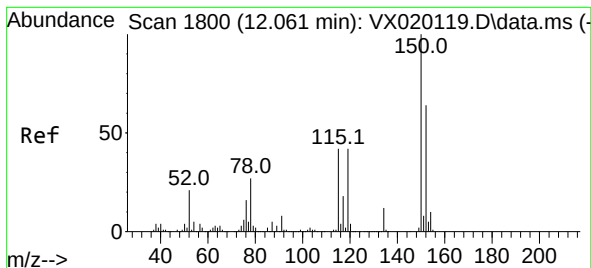
Tgt Ion:117 Resp: 462556
Ion Ratio Lower Upper
117 100
82 54.3 47.4 71.2
119 32.0 26.6 39.8



#64
Tetrachloroethene
Concen: 1.25 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020306.D
Acq: 22 Dec 2020 16:16

Tgt Ion:164 Resp: 4355
Ion Ratio Lower Upper
164 100
166 129.7 103.4 155.2
129 90.4 70.8 106.2
131 87.4 72.5 108.7

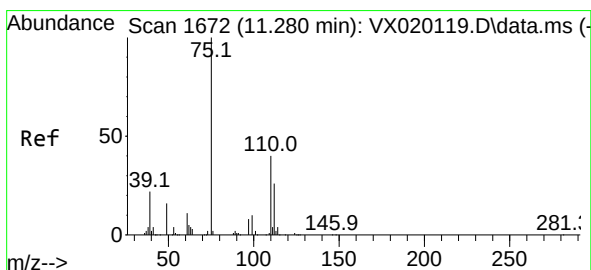
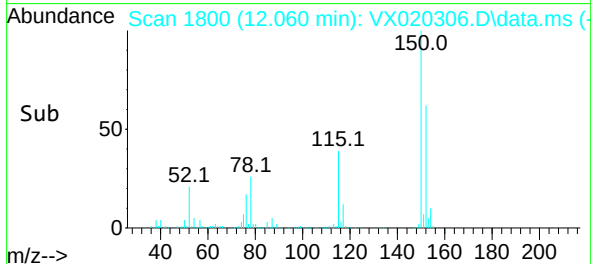
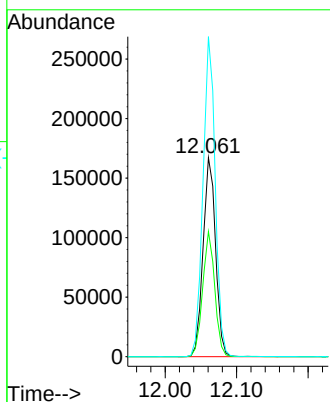
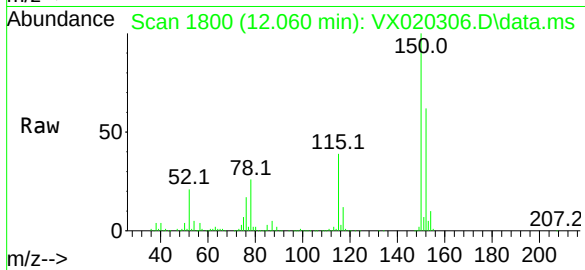




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.060 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VX020306.D
Acq: 22 Dec 2020 16:16

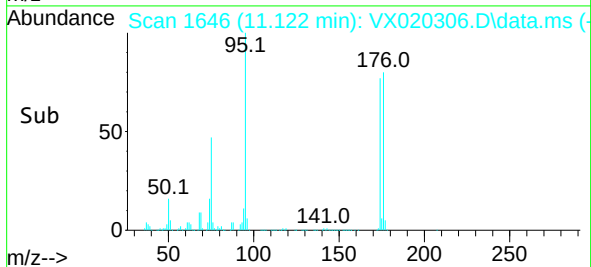
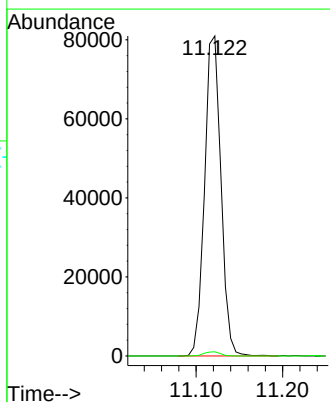
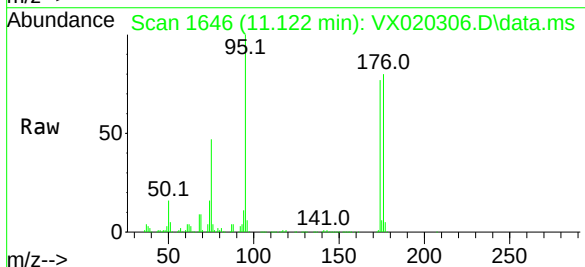
Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20201213

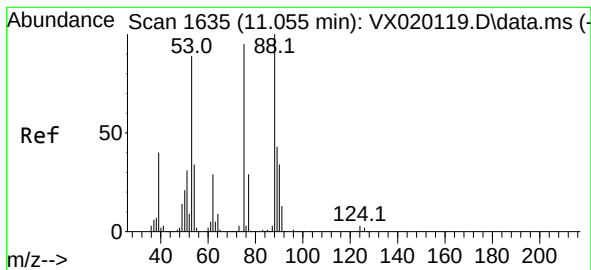
Tgt Ion:152 Resp: 203435
Ion Ratio Lower Upper
152 100
115 60.7 41.1 123.3
150 157.2 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 21.19 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020306.D
Acq: 22 Dec 2020 16:16

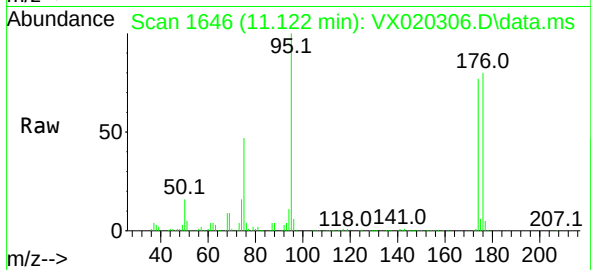
Tgt Ion: 75 Resp: 106185
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.87 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020306.D
 Acq: 22 Dec 2020 16:16

Instrument :
 MSVOA_X
 ClientSampleId :
 MW203D1-20201213



Tgt Ion: 75 Resp: 106185
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

