

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062221\
 Data File : VW019280.D
 Acq On : 22 Jun 2021 20:10
 Operator : SY/VA
 Sample : M2815-02
 Misc : 5.06G/5ML/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 23 05:44:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W062121S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 21 12:12:47 2021
 Response via : Initial Calibration

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

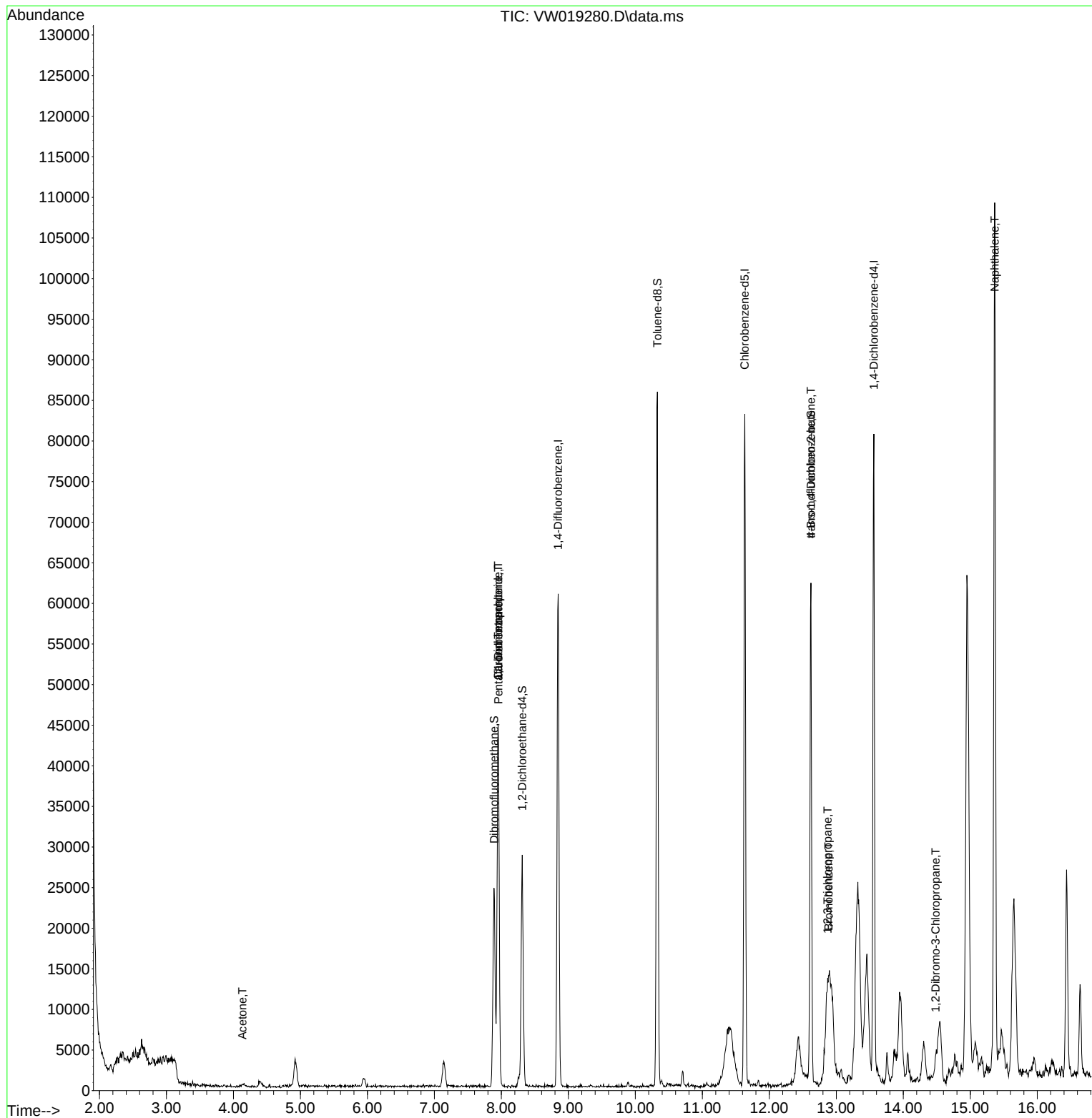
Internal Standards						
1) Pentafluorobenzene	7.958	168	31595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	50680	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	45567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	19707	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	21650	56.488	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.980%	
35) Dibromofluoromethane	7.891	113	16974	52.583	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.160%	
50) Toluene-d8	10.329	98	57702	44.653	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.300%	
62) 4-Bromofluorobenzene	12.621	95	20071	44.410	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.820%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.171	59	49	Below Cal	#	71
16) Acetone	4.135	43	899	14.614	ug/l #	42
20) Methylene Chloride	4.928	84	2500	Below Cal	#	77
36) 1,1-Dichloropropene	7.951	75	3086	5.754	ug/l #	49
38) Carbon Tetrachloride	7.951	117	3374	7.196	ug/l #	12
76) 1,2,3-Trichloropropane	12.871	75	440	2.279	ug/l #	100
77) Bromobenzene	12.884	156	22126	70.128	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.621	75	10604	133.245	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.481	75	47	1.105	ug/l #	3
95) Naphthalene	15.365	128	86574	127.737	ug/l	98

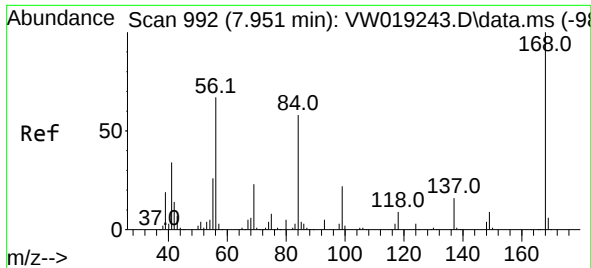
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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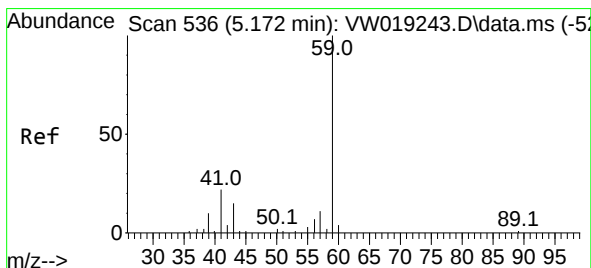
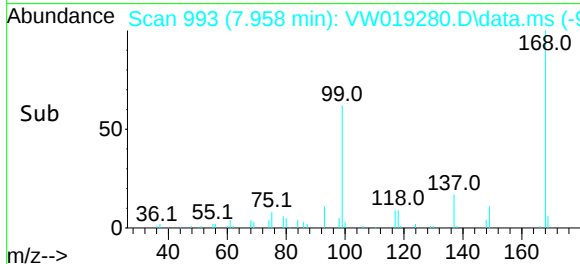
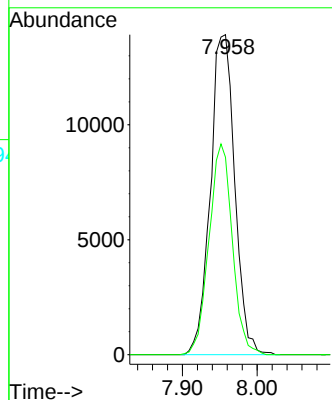
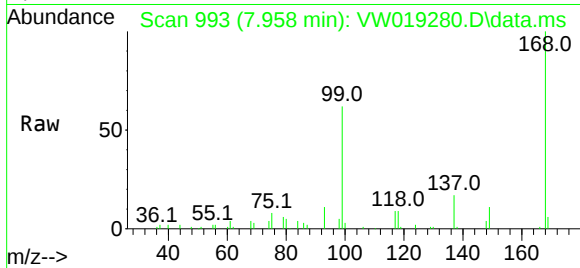




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.958 min Scan# 993
Delta R.T. 0.007 min
Lab File: VW019280.D
Acq: 22 Jun 2021 20:10

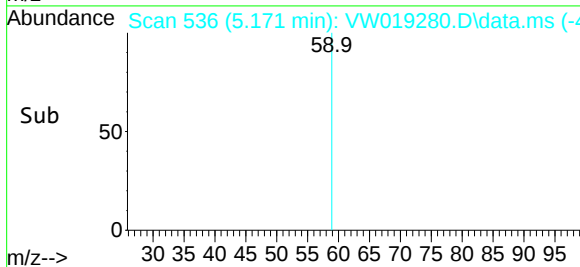
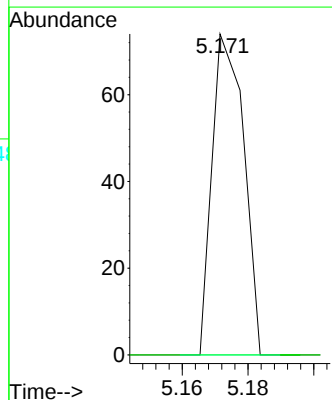
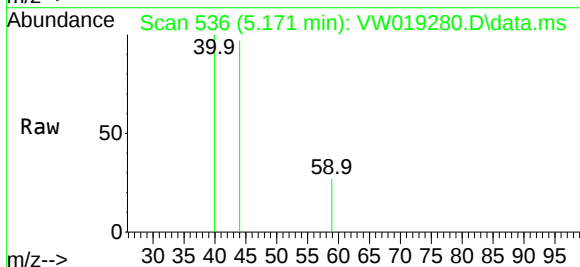
Instrument :
MSVOA_W
ClientSampled :

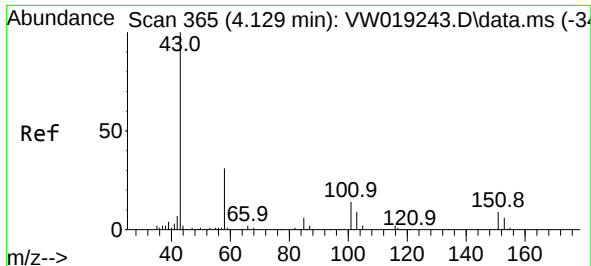
Tgt Ion:168 Resp: 31595
Ion Ratio Lower Upper
168 100
99 61.7 48.8 73.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.171 min Scan# 536
Delta R.T. -0.001 min
Lab File: VW019280.D
Acq: 22 Jun 2021 20:10

Tgt Ion: 59 Resp: 49
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

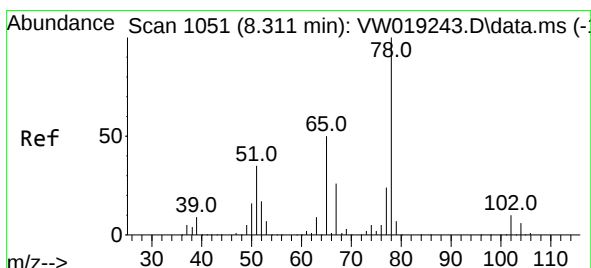
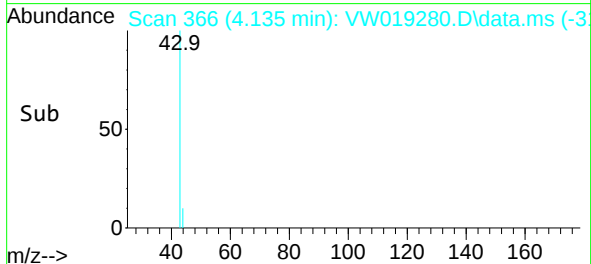
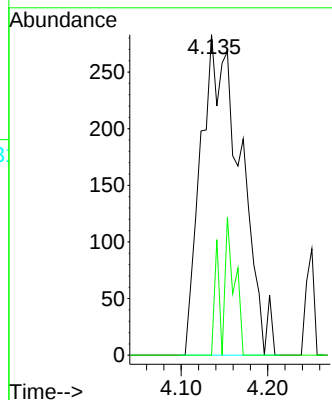
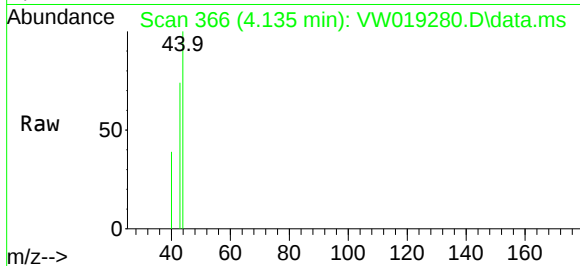




#16
Acetone
Concen: 14.614 ug/l
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW019280.D
Acq: 22 Jun 2021 20:10

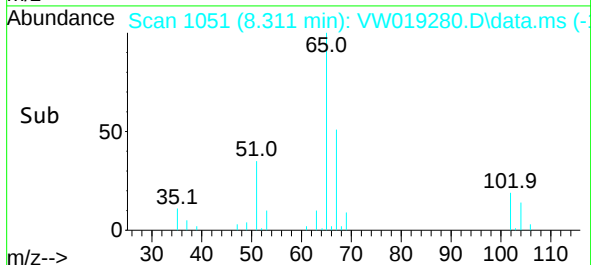
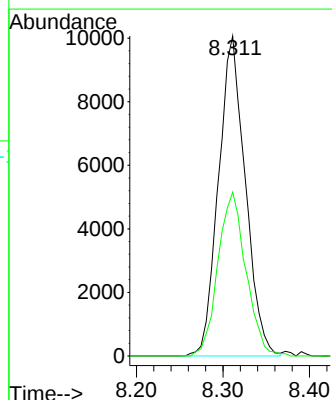
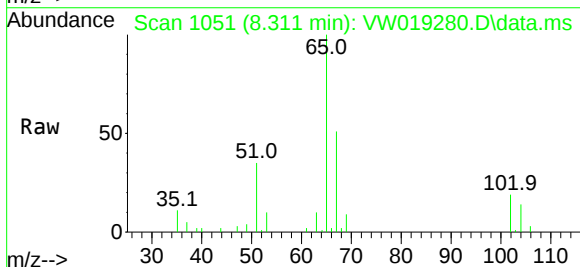
Instrument :
MSVOA_W
ClientSampled :

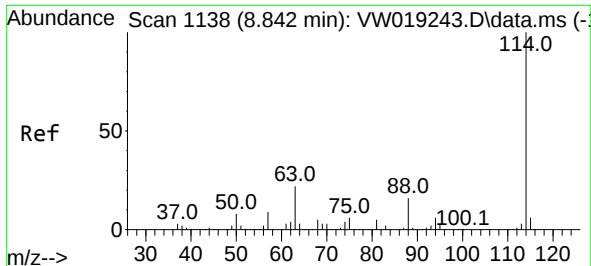
Tgt Ion: 43 Resp: 899
Ion Ratio Lower Upper
43 100
58 0.0 26.4 39.6#



#33
1,2-Dichloroethane-d4
Concen: 56.488 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VW019280.D
Acq: 22 Jun 2021 20:10

Tgt Ion: 65 Resp: 21650
Ion Ratio Lower Upper
65 100
67 53.4 0.0 104.0

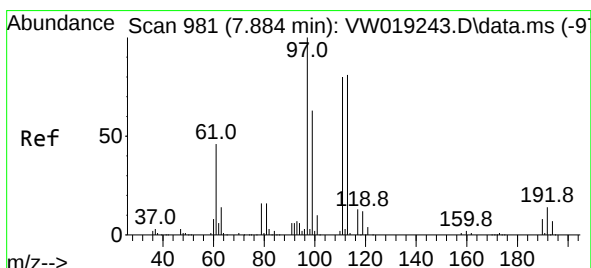
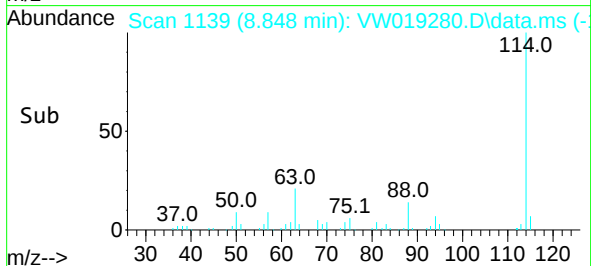
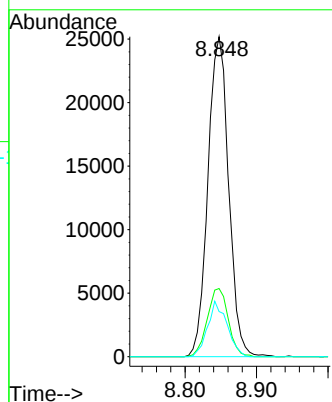
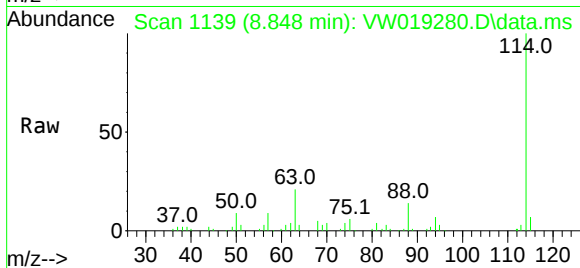




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.848 min Scan# 1139
Delta R.T. 0.006 min
Lab File: VW019280.D
Acq: 22 Jun 2021 20:10

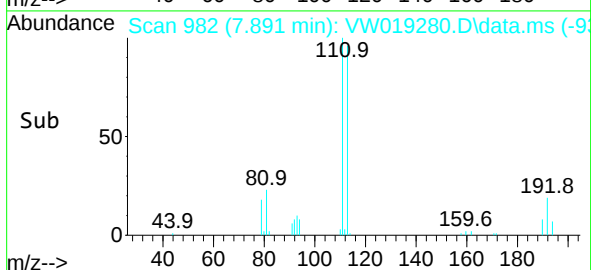
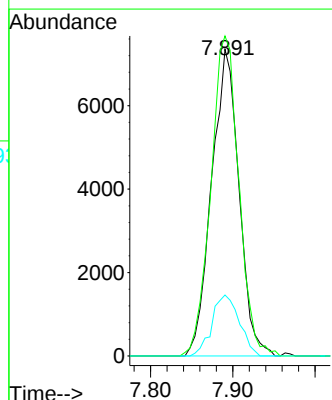
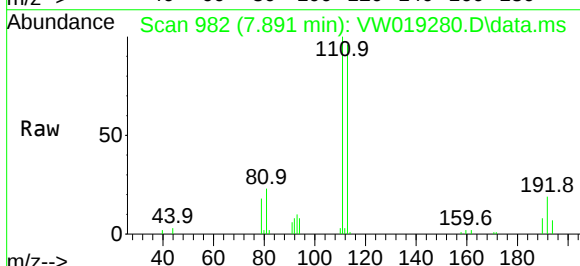
Instrument :
MSVOA_W
ClientSampleId :

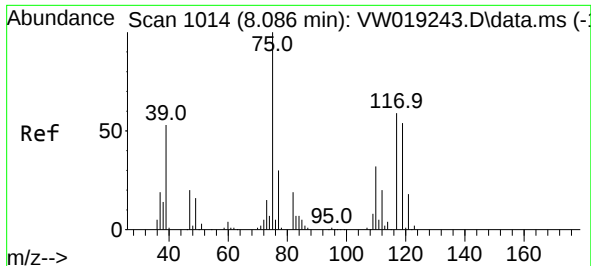
Tgt Ion:114 Resp: 50680
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.4
88 14.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 52.583 ug/l
RT: 7.891 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW019280.D
Acq: 22 Jun 2021 20:10

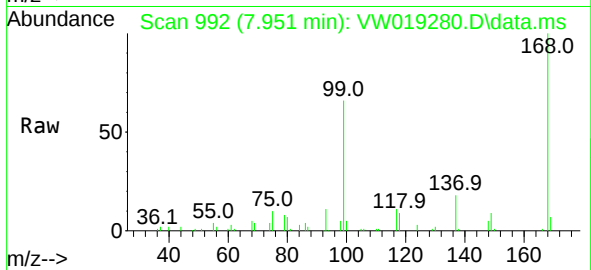
Tgt Ion:113 Resp: 16974
Ion Ratio Lower Upper
113 100
111 106.8 82.3 123.5
192 19.9 15.3 22.9



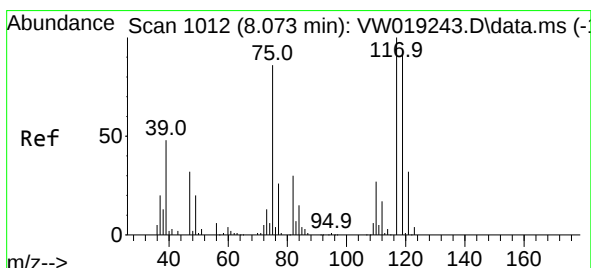
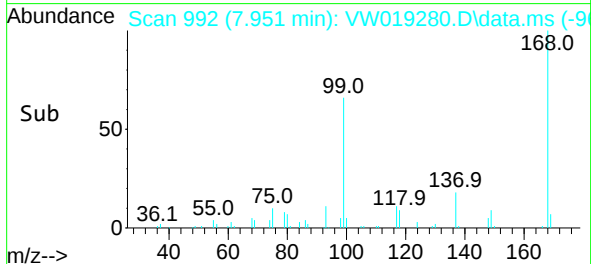
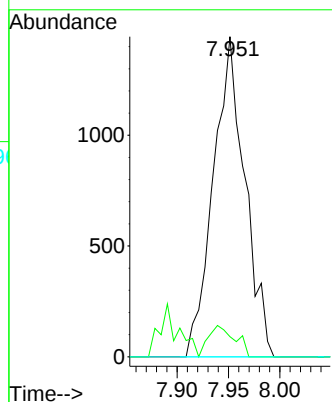


#36
1,1-Dichloropropene
Concen: 5.754 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.135 min
Lab File: VW019280.D
Acq: 22 Jun 2021 20:10

Instrument :
MSVOA_W
ClientSampleId :

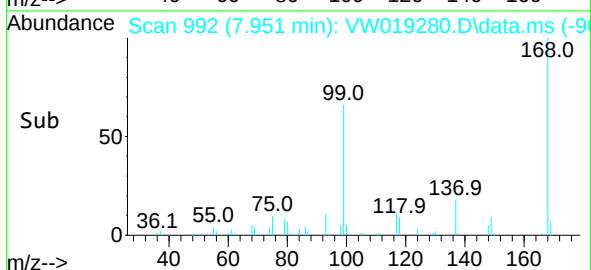
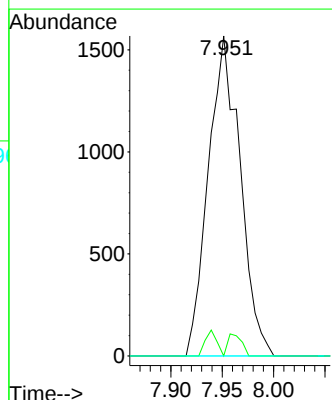
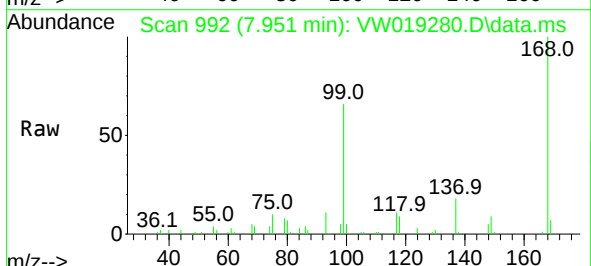


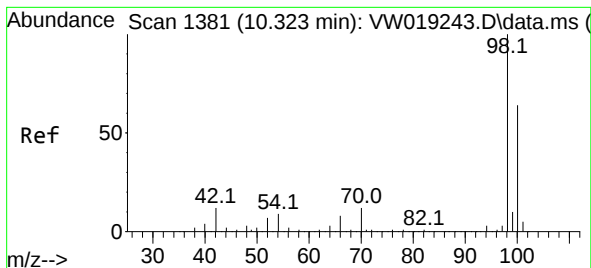
Tgt Ion: 75 Resp: 3086
Ion Ratio Lower Upper
75 100
110 8.2 17.1 51.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 7.196 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.122 min
Lab File: VW019280.D
Acq: 22 Jun 2021 20:10

Tgt Ion: 117 Resp: 3374
Ion Ratio Lower Upper
117 100
119 0.0 77.4 116.0#
121 0.0 23.6 35.4#

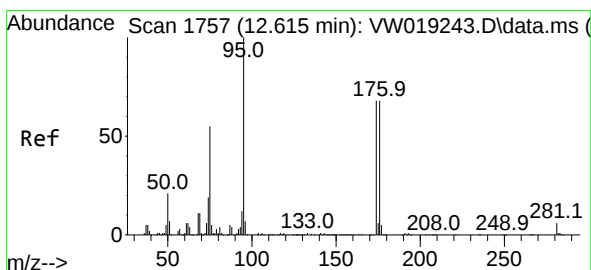
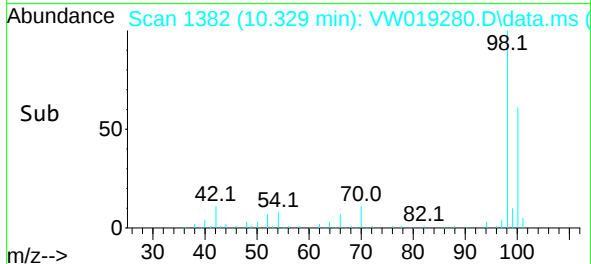
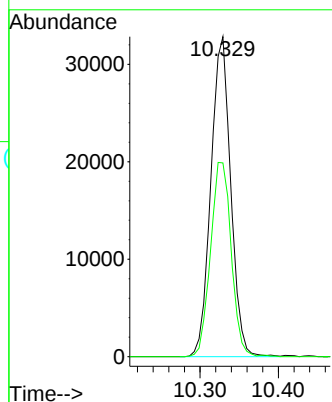
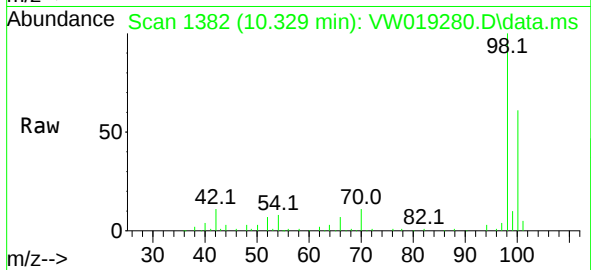




#50
Toluene-d8
Concen: 44.653 ug/l
RT: 10.329 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VW019280.D
Acq: 22 Jun 2021 20:10

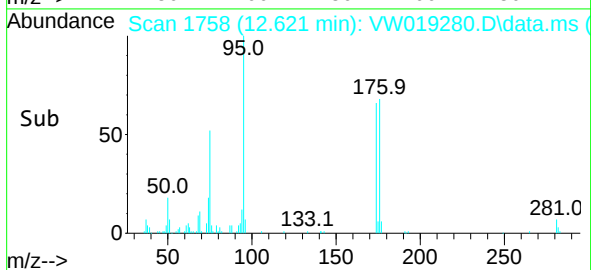
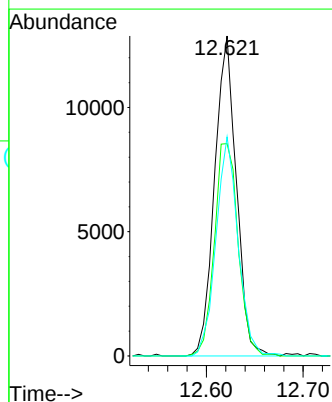
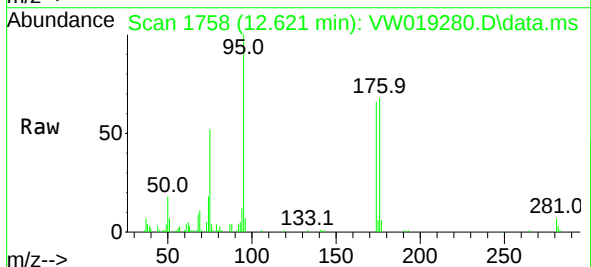
Instrument :
MSVOA_W
ClientSampled :

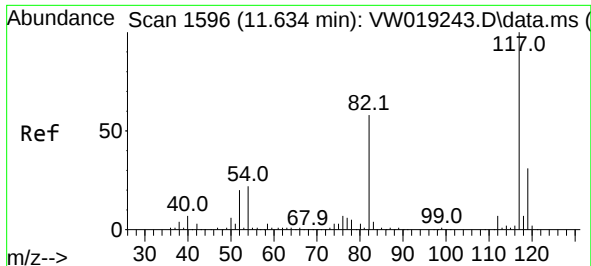
Tgt Ion: 98 Resp: 57702
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.410 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.006 min
Lab File: VW019280.D
Acq: 22 Jun 2021 20:10

Tgt Ion: 95 Resp: 20071
Ion Ratio Lower Upper
95 100
174 72.6 0.0 156.2
176 69.6 0.0 160.8

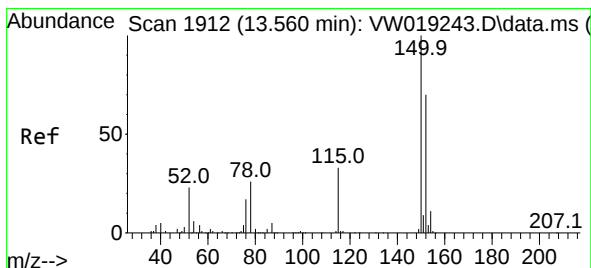
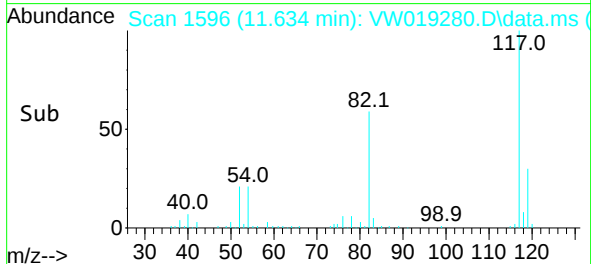
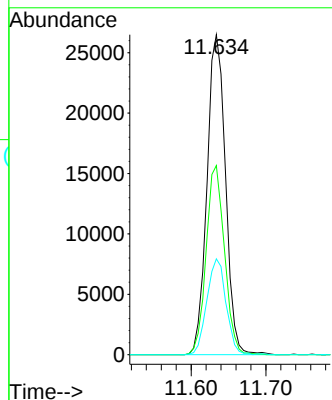
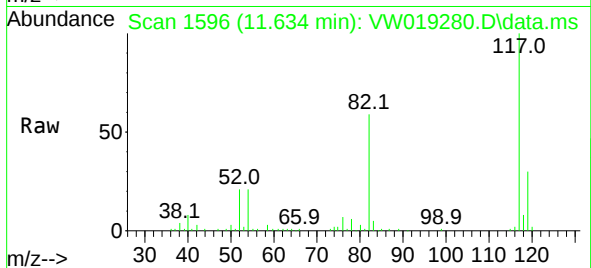




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW019280.D
Acq: 22 Jun 2021 20:10

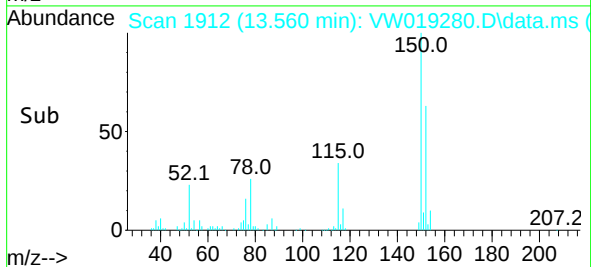
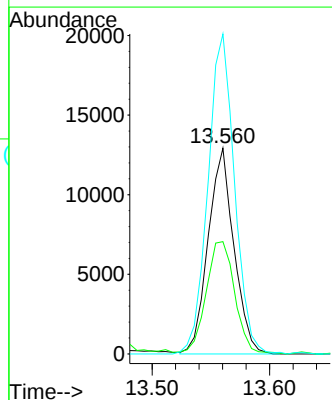
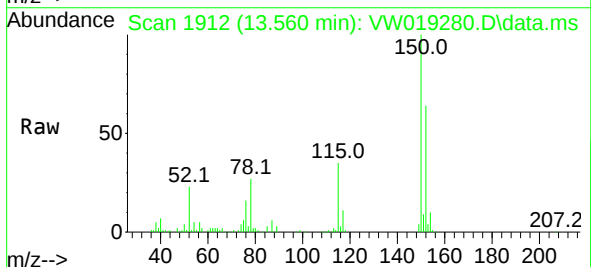
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MSVOA_W
ClientSampled :

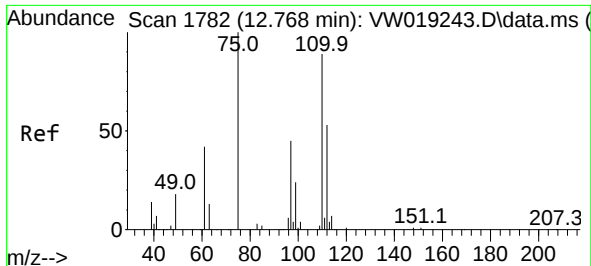
Tgt Ion:117 Resp: 45567
Ion Ratio Lower Upper
117 100
82 59.1 44.4 66.6
119 30.0 24.6 36.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW019280.D
Acq: 22 Jun 2021 20:10

Tgt Ion:152 Resp: 19707
Ion Ratio Lower Upper
152 100
115 60.9 30.3 90.8
150 160.4 0.0 356.0

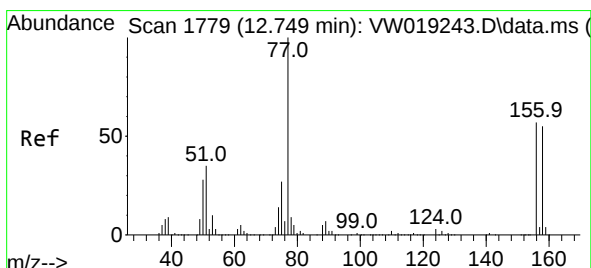
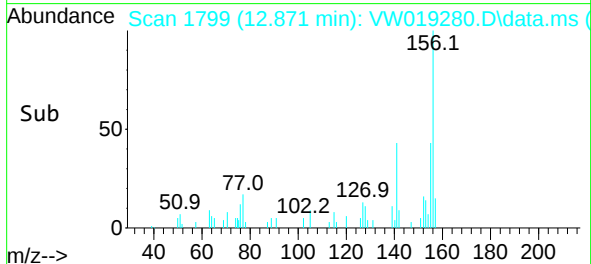
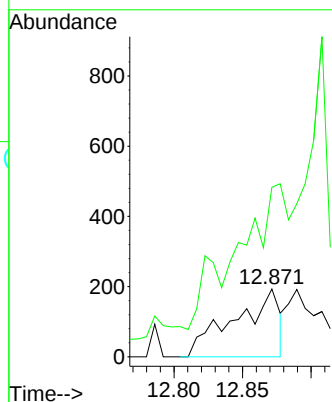
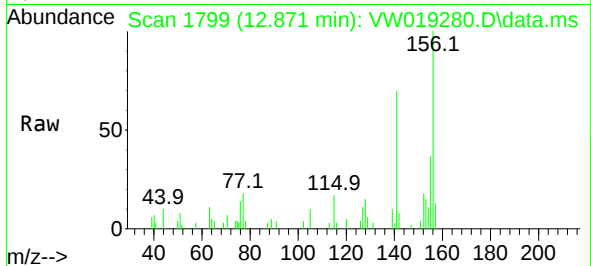




#76
1,2,3-Trichloropropane
Concen: 2.279 ug/l
RT: 12.871 min Scan# 1799
Delta R.T. 0.103 min
Lab File: VW019280.D
Acq: 22 Jun 2021 20:10

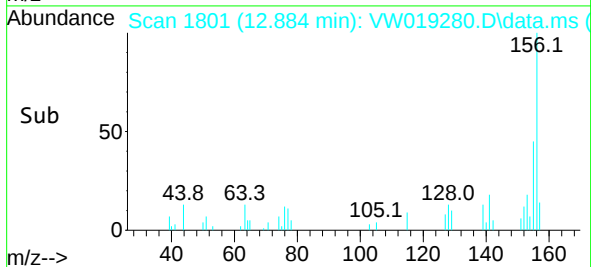
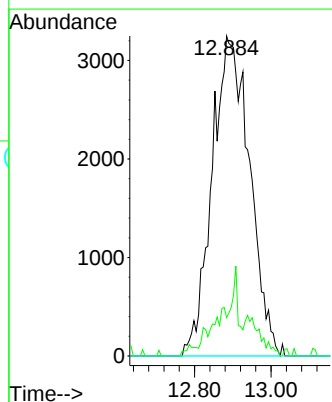
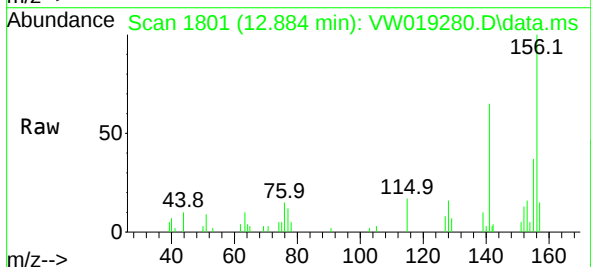
Instrument :
MSVOA_W
ClientSampleId :

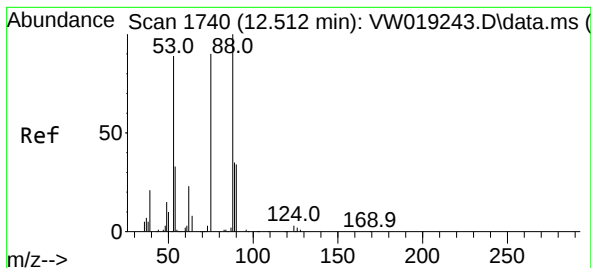
Tgt Ion: 75 Resp: 440
Ion Ratio Lower Upper
75 100
77 248.4 0.0 0.0#



#77
Bromobenzene
Concen: 70.128 ug/l
RT: 12.884 min Scan# 1801
Delta R.T. 0.135 min
Lab File: VW019280.D
Acq: 22 Jun 2021 20:10

Tgt Ion: 156 Resp: 22126
Ion Ratio Lower Upper
156 100
77 4.9 96.7 290.0#
158 0.0 48.4 145.3#

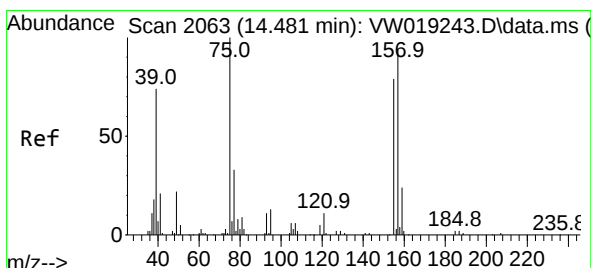
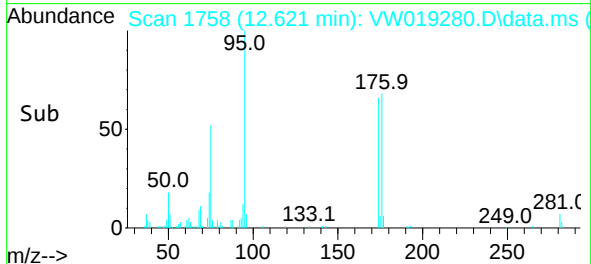
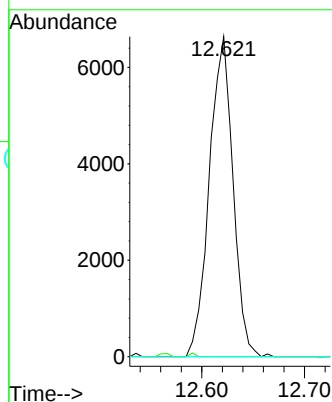
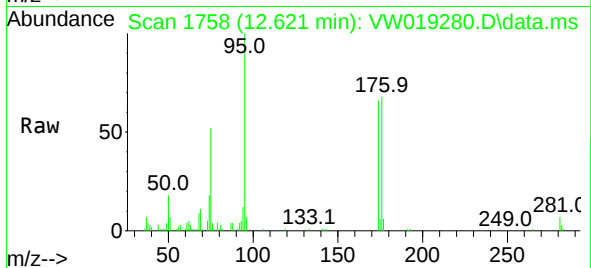




#81
trans-1,4-Dichloro-2-butene
Concen: 133.245 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.109 min
Lab File: VW019280.D
Acq: 22 Jun 2021 20:10

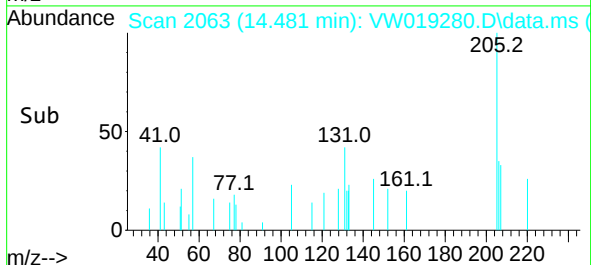
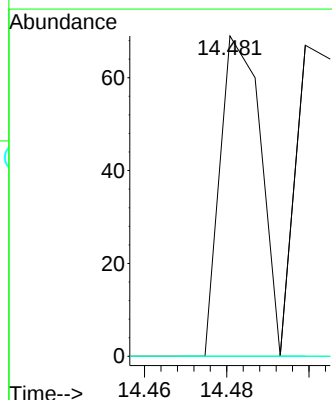
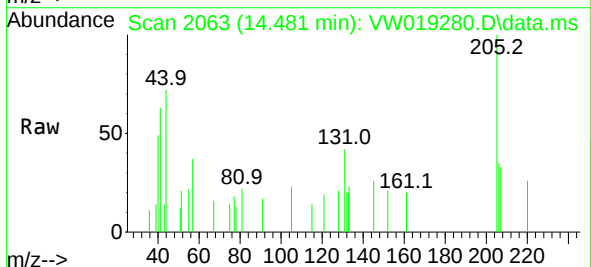
Instrument :
MSVOA_W
ClientSampleId :

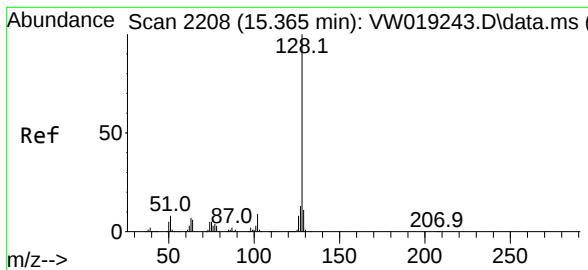
Tgt Ion: 75 Resp: 10604
Ion Ratio Lower Upper
75 100
53 0.0 81.5 122.3#
89 0.0 36.3 54.5#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.105 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW019280.D
Acq: 22 Jun 2021 20:10

Tgt Ion: 75 Resp: 47
Ion Ratio Lower Upper
75 100
155 0.0 41.3 124.1#
157 0.0 51.2 153.6#





#95
Naphthalene
Concen: 127.737 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW019280.D
Acq: 22 Jun 2021 20:10

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 86574
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 11.6 8.5 12.7

