

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121520\
 Data File : VW017645.D
 Acq On : 15 Dec 2020 19:56
 Operator : SY/VA
 Sample : L5045-03
 Misc : 6.15G/5ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 16 02:42:37 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 14 12:39:23 2020
 Response via : Initial Calibration

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

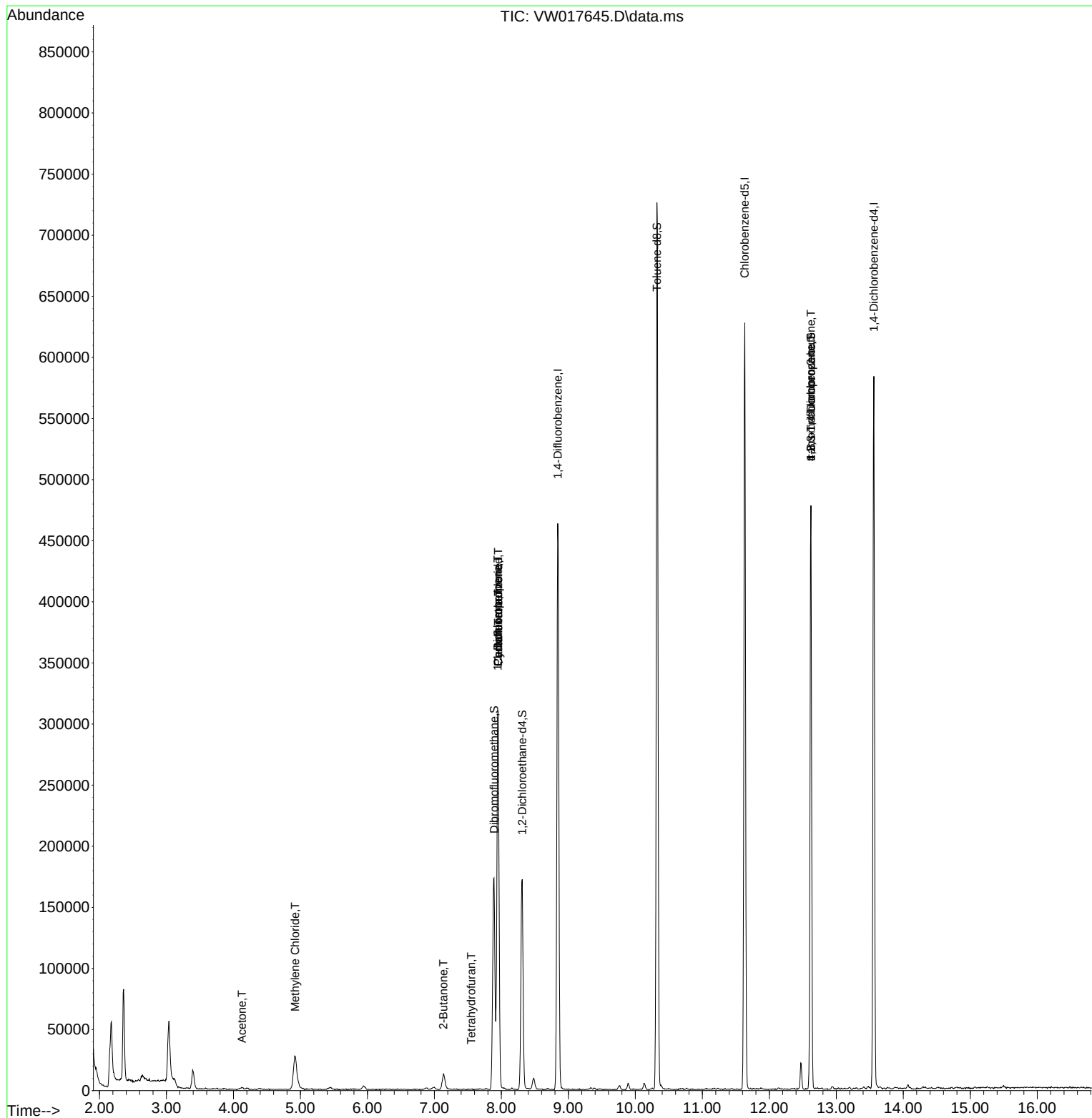
Internal Standards						
1) Pentafluorobenzene	7.951	168	219030	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.841	114	385803	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	326884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	138755	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	139902	52.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.88%	
35) Dibromofluoromethane	7.890	113	122078	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
50) Toluene-d8	10.323	98	470898	47.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.74%	
62) 4-Bromofluorobenzene	12.621	95	153516	43.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.52%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.165	59	467	Below Cal	#	82
16) Acetone	4.129	43	2861	4.93	ug/l	95
20) Methylene Chloride	4.921	84	19998	2.76	ug/l	# 88
25) 2-Butanone	7.134	43	1149	1.49	ug/l	# 43
26) 2,2-Dichloropropane	7.141	77	864	Below Cal	#	50
29) Tetrahydrofuran	7.549	42	436	1.00	ug/l	# 33
31) Cyclohexane	7.951	56	6317	1.37	ug/l	# 61
36) 1,1-Dichloropropene	7.945	75	19627	4.86	ug/l	# 47
38) Carbon Tetrachloride	7.951	117	23622	5.82	ug/l	# 14
76) 1,2,3-Trichloropropane	12.621	75	87109	65.22	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.621	75	87109	132.13	ug/l	# 11

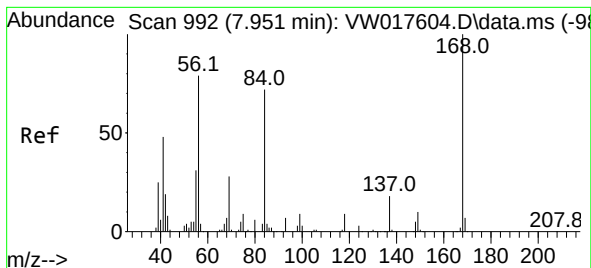
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 16 02:42:37 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121420S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 14 12:39:23 2020
Response via : Initial Calibration

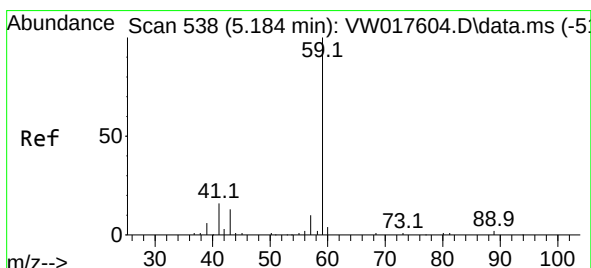
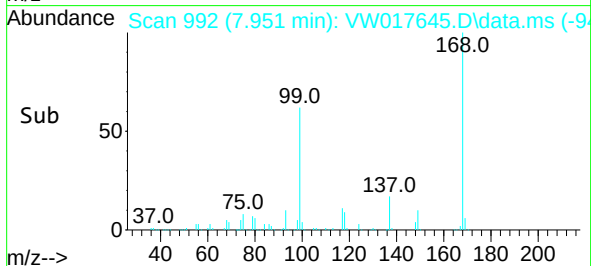
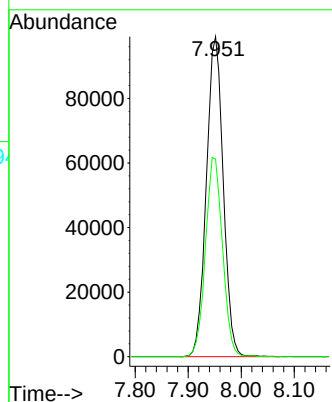
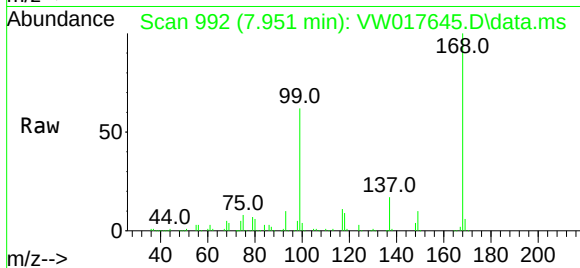




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW017645.D
Acq: 15 Dec 2020 19:56

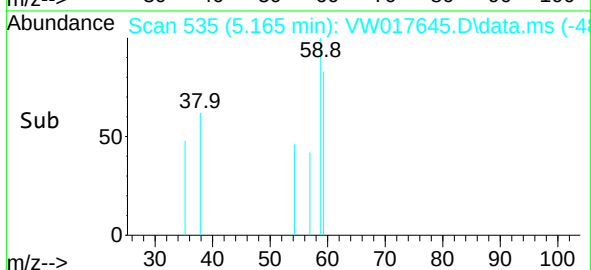
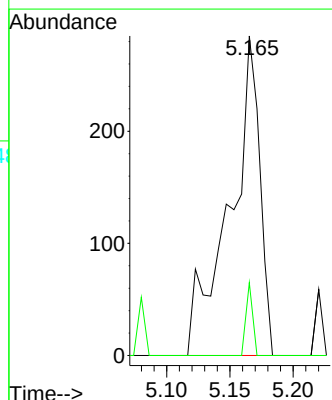
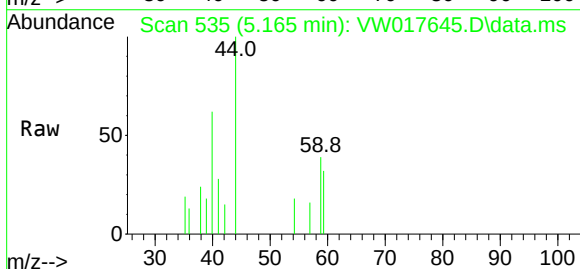
Instrument :
MSVOA_W
ClientSampleId :

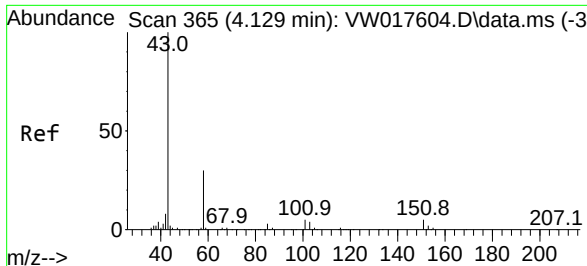
Tgt Ion:168 Resp: 219030
Ion Ratio Lower Upper
168 100
99 61.7 40.7 61.1#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.165 min Scan# 535
Delta R.T. -0.019 min
Lab File: VW017645.D
Acq: 15 Dec 2020 19:56

Tgt Ion: 59 Resp: 467
Ion Ratio Lower Upper
59 100
57 0.0 4.7 7.1#

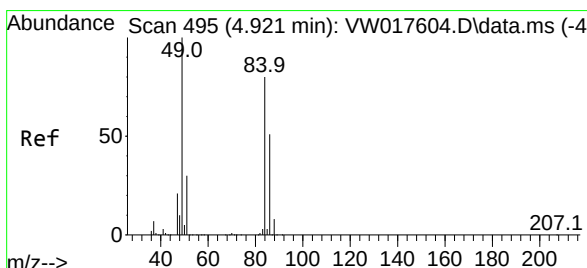
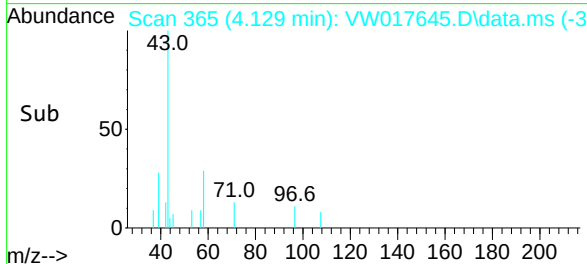
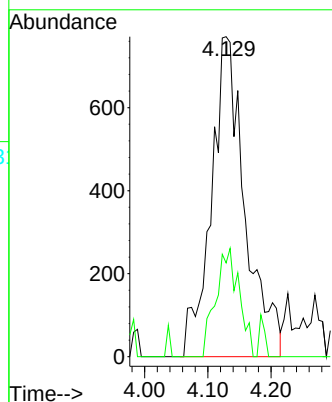
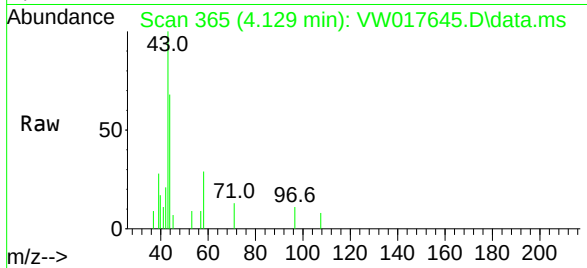




#16
Acetone
Concen: 4.93 ug/l
RT: 4.129 min Scan# 365
Delta R.T. -0.000 min
Lab File: VW017645.D
Acq: 15 Dec 2020 19:56

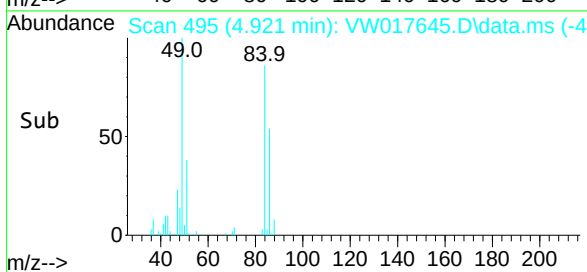
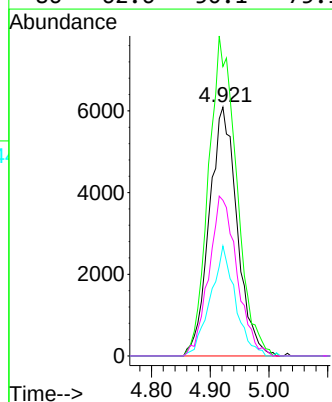
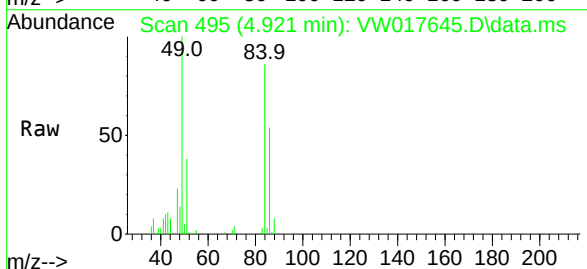
Instrument :
MSVOA_W
ClientSampleId :

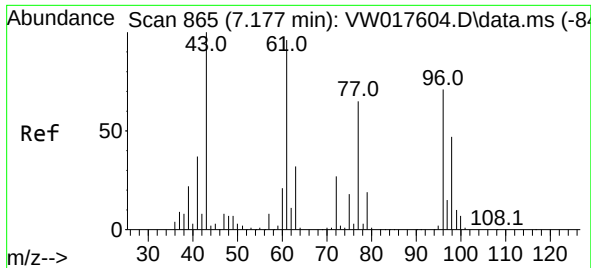
Tgt Ion: 43 Resp: 2861
Ion Ratio Lower Upper
43 100
58 29.3 25.7 38.5



#20
Methylene Chloride
Concen: 2.76 ug/l
RT: 4.921 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW017645.D
Acq: 15 Dec 2020 19:56

Tgt Ion: 84 Resp: 19998
Ion Ratio Lower Upper
84 100
49 116.3 79.0 118.6
51 44.2 26.1 39.1#
86 62.6 50.1 75.1

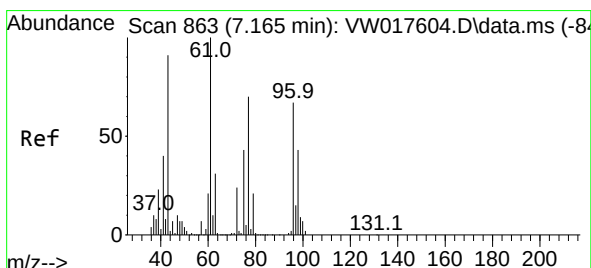
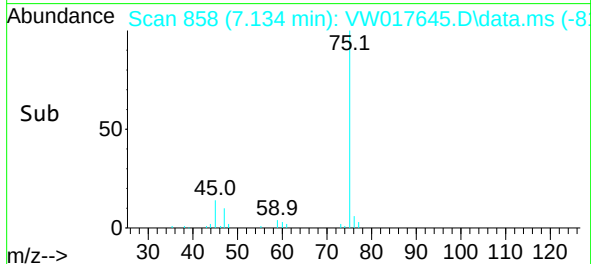
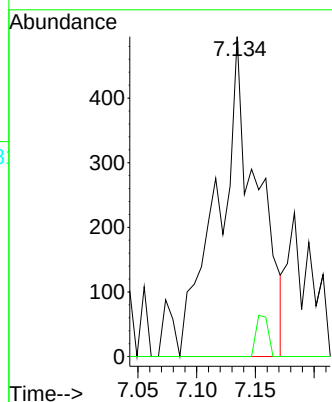
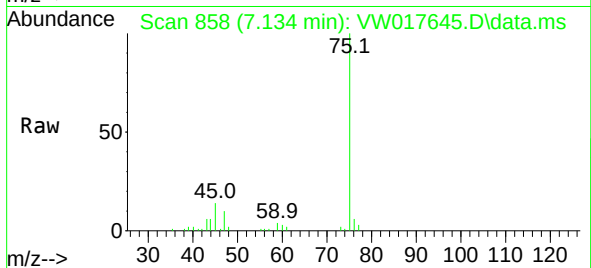




#25
2-Butanone
Concen: 1.49 ug/l
RT: 7.134 min Scan# 858
Delta R.T. -0.043 min
Lab File: VW017645.D
Acq: 15 Dec 2020 19:56

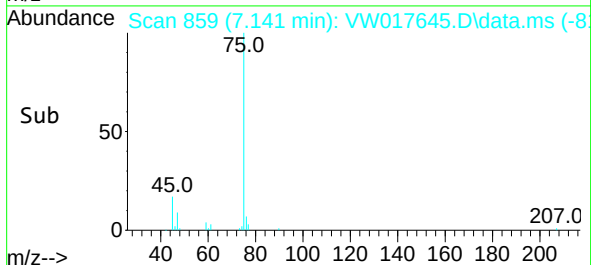
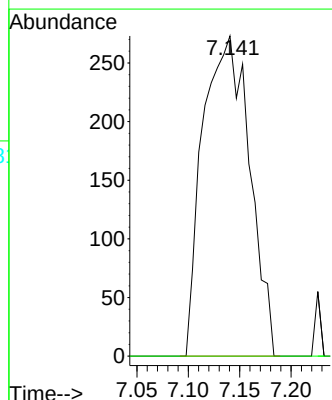
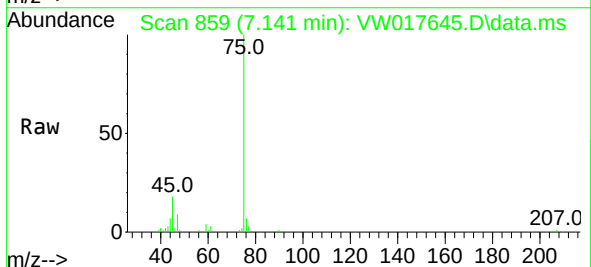
Instrument :
MSVOA_W
ClientSampled :

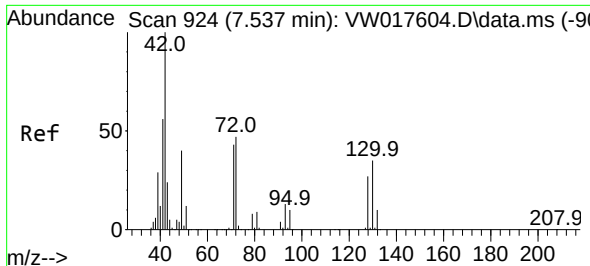
Tgt Ion: 43 Resp: 1149
Ion Ratio Lower Upper
43 100
72 0.0 25.4 38.2#



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.141 min Scan# 859
Delta R.T. -0.024 min
Lab File: VW017645.D
Acq: 15 Dec 2020 19:56

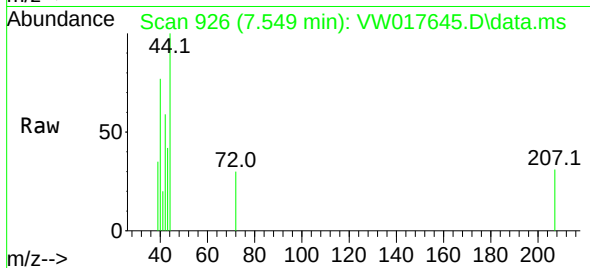
Tgt Ion: 77 Resp: 864
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#



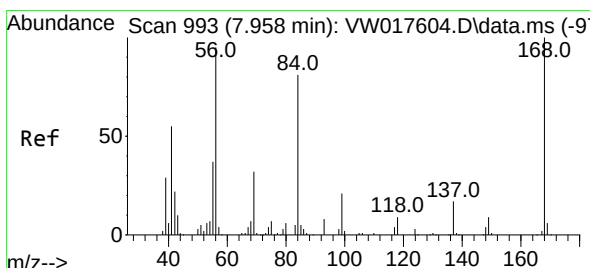
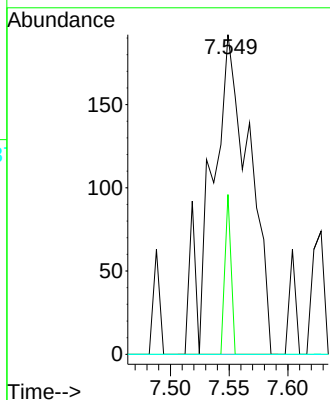
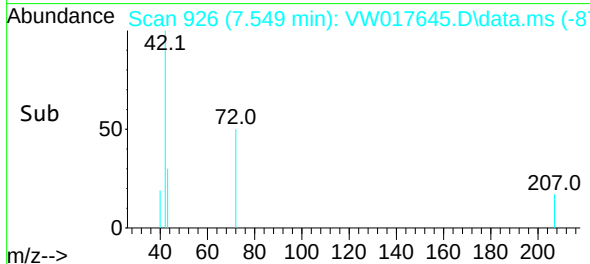


#29
Tetrahydrofuran
Concen: 1.00 ug/l
RT: 7.549 min Scan# 926
Delta R.T. 0.012 min
Lab File: VW017645.D
Acq: 15 Dec 2020 19:56

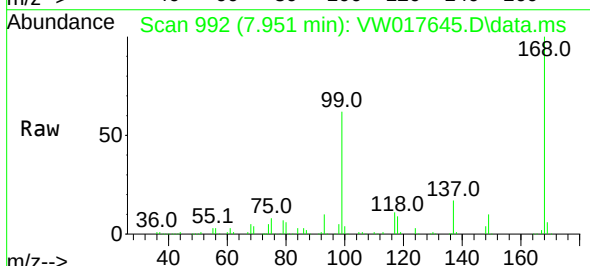
Instrument :
MSVOA_W
ClientSampleId :



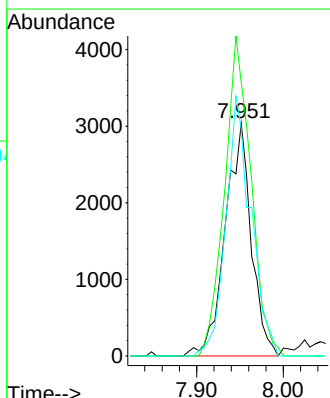
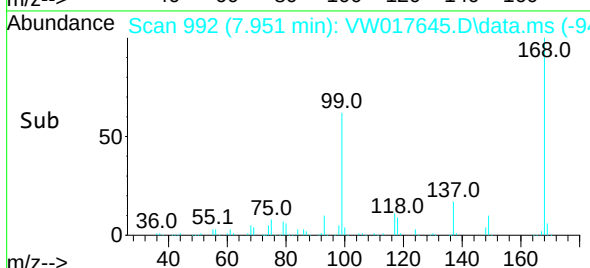
Tgt Ion: 42 Resp: 436
Ion Ratio Lower Upper
42 100
72 8.0 42.0 63.0#
71 0.0 39.0 58.6#

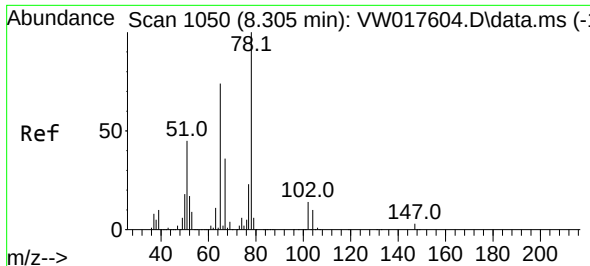


#31
Cyclohexane
Concen: 1.37 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.007 min
Lab File: VW017645.D
Acq: 15 Dec 2020 19:56



Tgt Ion: 56 Resp: 6317
Ion Ratio Lower Upper
56 100
69 117.4 29.3 43.9#
84 97.5 80.5 120.7

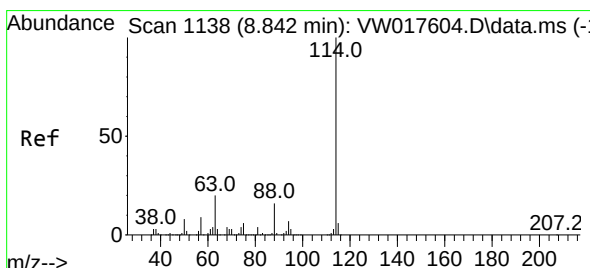
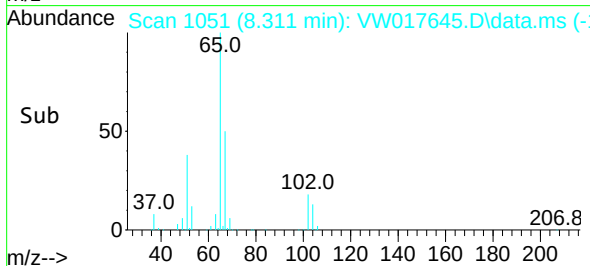
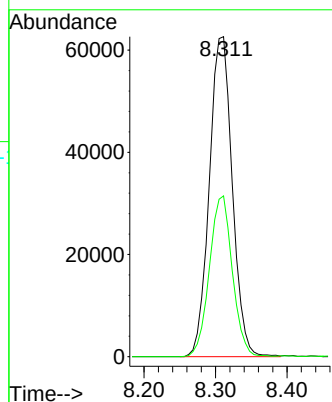
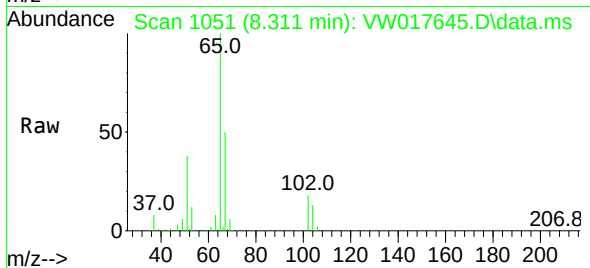




#33
 1,2-Dichloroethane-d4
 Concen: 52.44 ug/l
 RT: 8.311 min Scan# 1051
 Delta R.T. 0.006 min
 Lab File: VW017645.D
 Acq: 15 Dec 2020 19:56

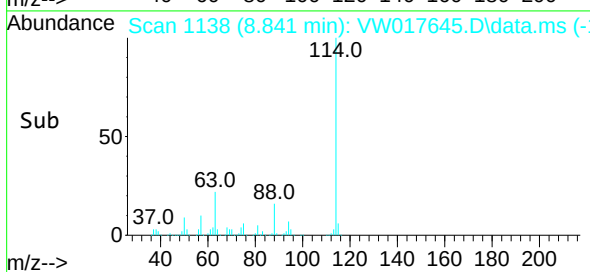
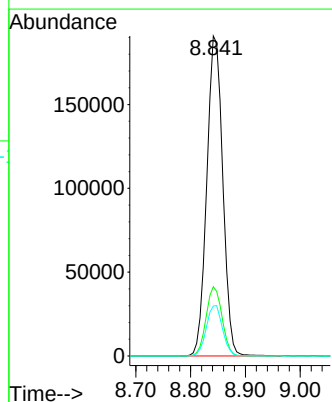
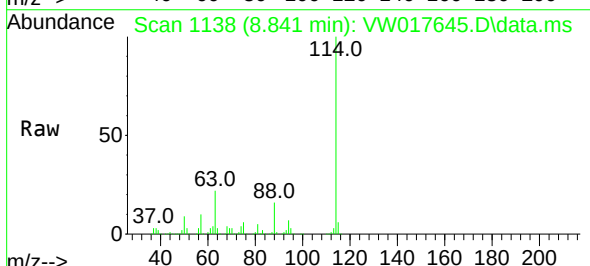
Instrument :
 MSVOA_W
 ClientSampleId :

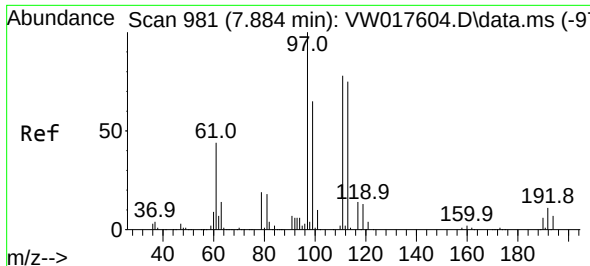
Tgt Ion: 65 Resp: 139902
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.841 min Scan# 1138
 Delta R.T. -0.001 min
 Lab File: VW017645.D
 Acq: 15 Dec 2020 19:56

Tgt Ion: 114 Resp: 385803
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 35.6
 88 15.6 0.0 30.4

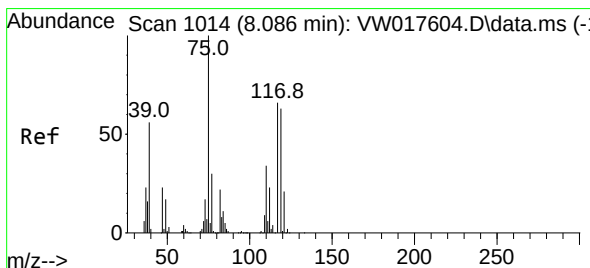
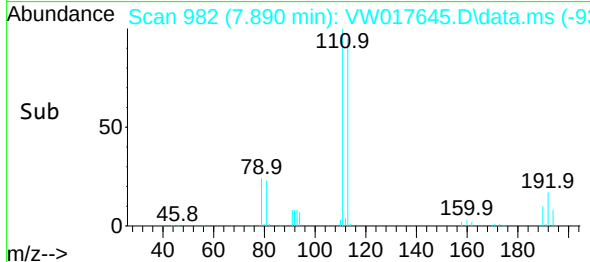
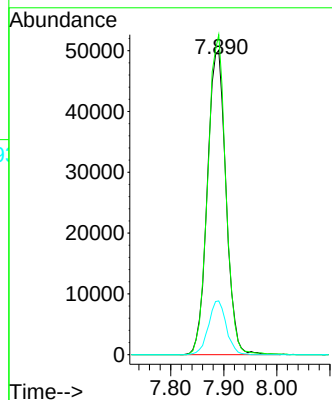
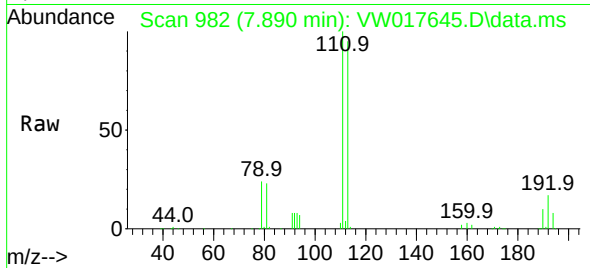




#35
Dibromofluoromethane
Concen: 47.82 ug/l
RT: 7.890 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW017645.D
Acq: 15 Dec 2020 19:56

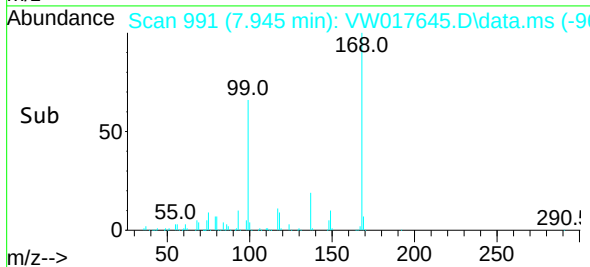
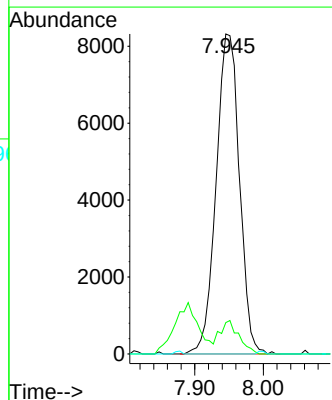
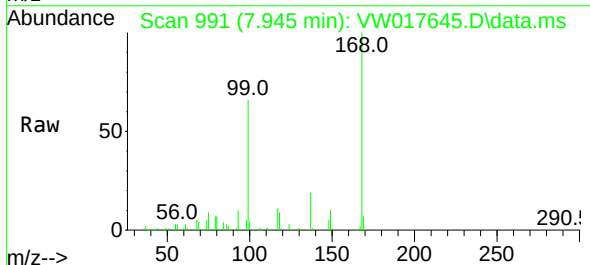
Instrument :
MSVOA_W
ClientSampleId :

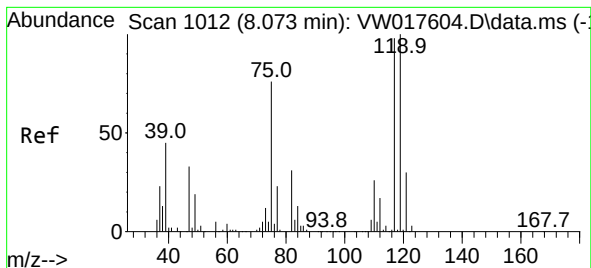
Tgt Ion:113 Resp: 122078
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.2
192 16.9 17.8 26.8#



#36
1,1-Dichloropropene
Concen: 4.86 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.141 min
Lab File: VW017645.D
Acq: 15 Dec 2020 19:56

Tgt Ion: 75 Resp: 19627
Ion Ratio Lower Upper
75 100
110 8.6 19.3 57.9#
77 0.0 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 5.82 ug/l

RT: 7.951 min Scan# 992

Delta R.T. -0.122 min

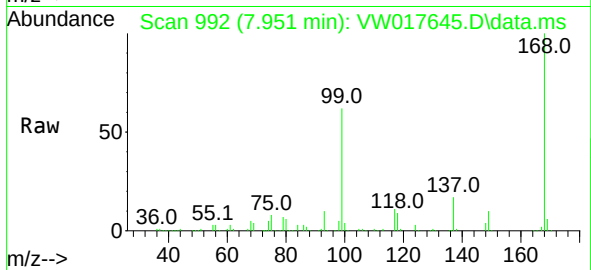
Lab File: VW017645.D

Acq: 15 Dec 2020 19:56

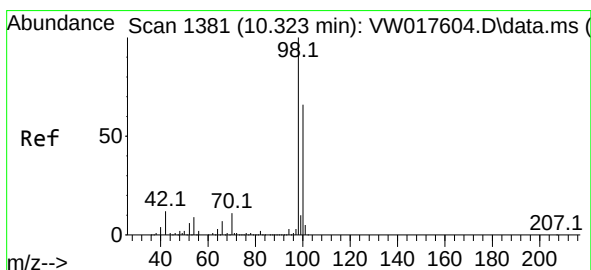
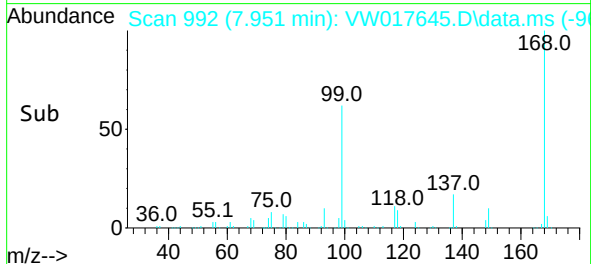
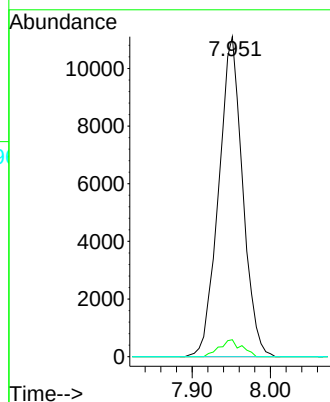
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	117	Resp:	23622
Ion	Ratio	Lower	Upper
117	100		
119	5.3	81.6	122.4#
121	0.0	25.7	38.5#



#50

Toluene-d8

Concen: 47.37 ug/l

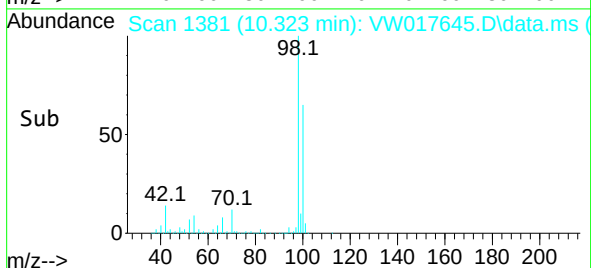
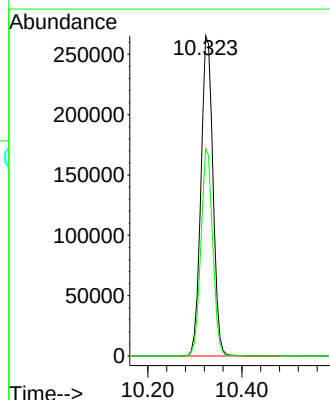
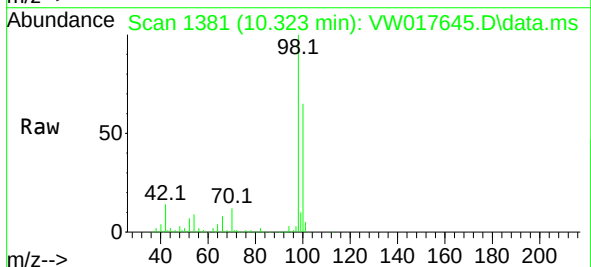
RT: 10.323 min Scan# 1381

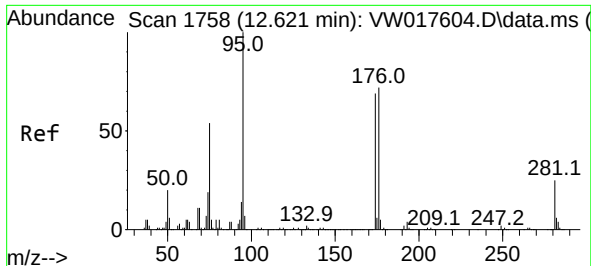
Delta R.T. -0.000 min

Lab File: VW017645.D

Acq: 15 Dec 2020 19:56

Tgt Ion:	98	Resp:	470898
Ion	Ratio	Lower	Upper
98	100		
100	63.7	53.3	79.9

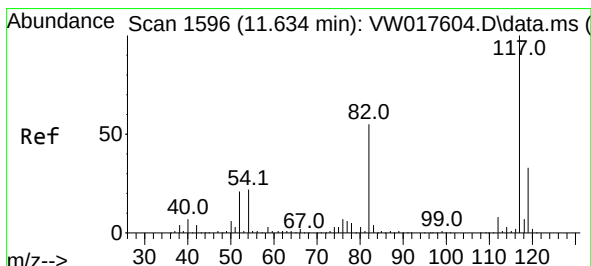
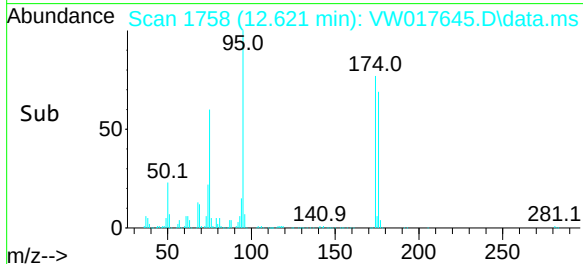
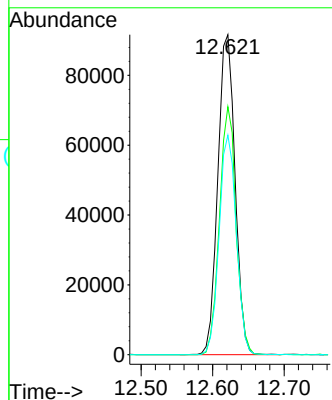
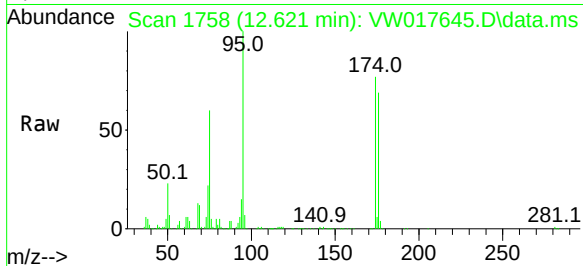




#62
4-Bromofluorobenzene
Concen: 43.26 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW017645.D
Acq: 15 Dec 2020 19:56

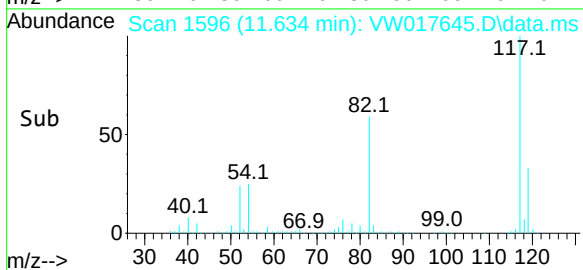
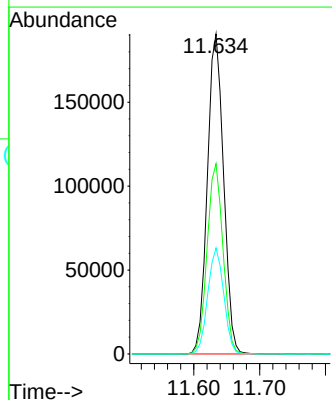
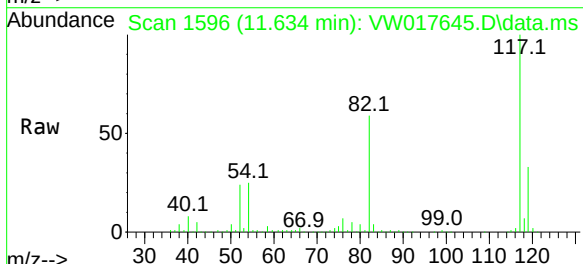
Instrument :
MSVOA_W
ClientSampleId :

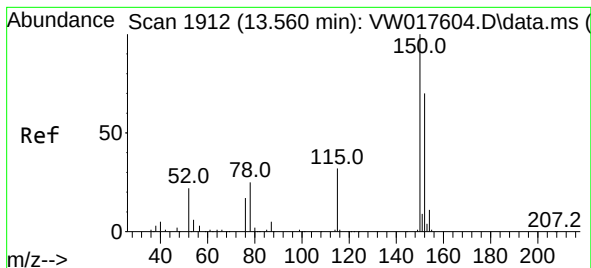
Tgt Ion: 95 Resp: 153516
Ion Ratio Lower Upper
95 100
174 74.7 0.0 180.6
176 68.3 0.0 177.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017645.D
Acq: 15 Dec 2020 19:56

Tgt Ion: 117 Resp: 326884
Ion Ratio Lower Upper
117 100
82 59.4 40.7 61.1
119 33.1 25.0 37.4

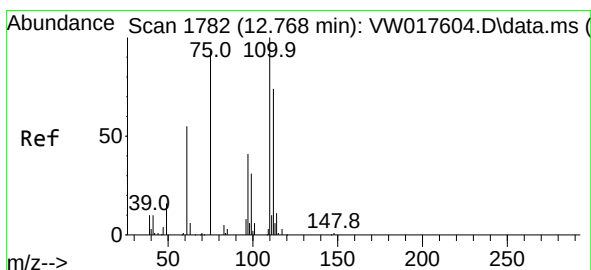
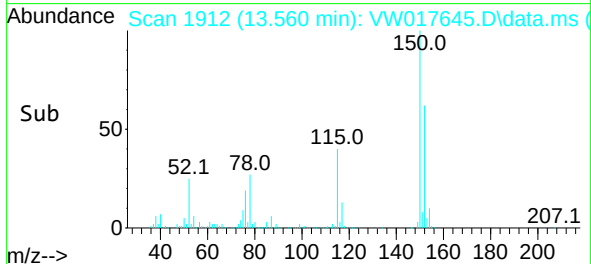
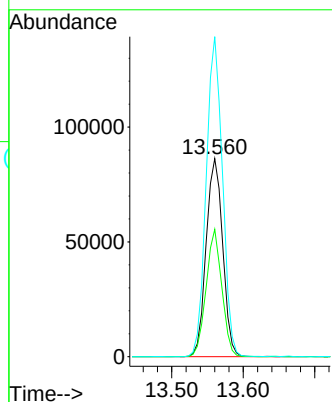
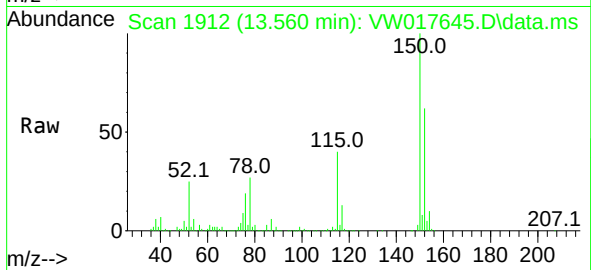




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017645.D
Acq: 15 Dec 2020 19:56

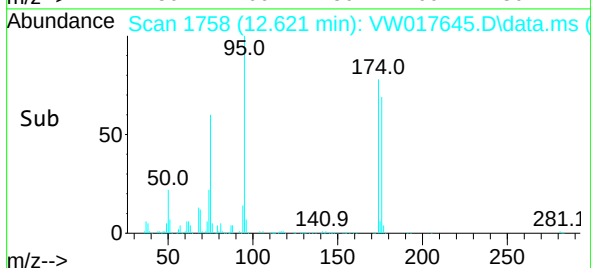
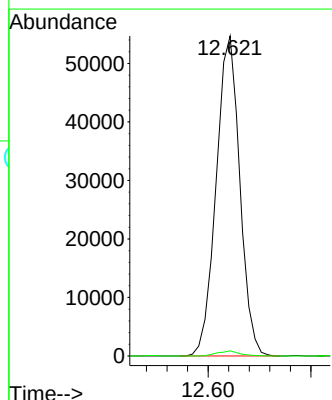
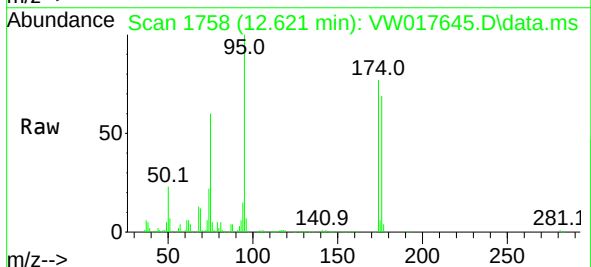
Instrument :
MSVOA_W
ClientSampleId :

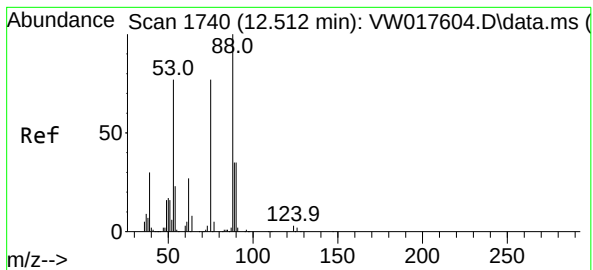
Tgt Ion:152 Resp: 138755
Ion Ratio Lower Upper
152 100
115 61.1 27.9 83.7
150 158.8 0.0 344.0



#76
1,2,3-Trichloropropane
Concen: 65.22 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. -0.147 min
Lab File: VW017645.D
Acq: 15 Dec 2020 19:56

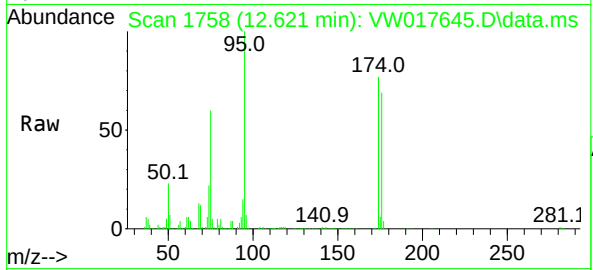
Tgt Ion: 75 Resp: 87109
Ion Ratio Lower Upper
75 100
77 1.5 178.8 536.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 132.13 ug/l
 RT: 12.621 min Scan# 1758
 Delta R.T. 0.109 min
 Lab File: VW017645.D
 Acq: 15 Dec 2020 19:56

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75 Resp: 87109
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.0 115.4#
 89 0.0 38.7 58.1#

