

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121520\
 Data File : VW017646.D
 Acq On : 15 Dec 2020 20:22
 Operator : SY/VA
 Sample : L5045-05
 Misc : 5.21G/5ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 16 02:42:52 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)

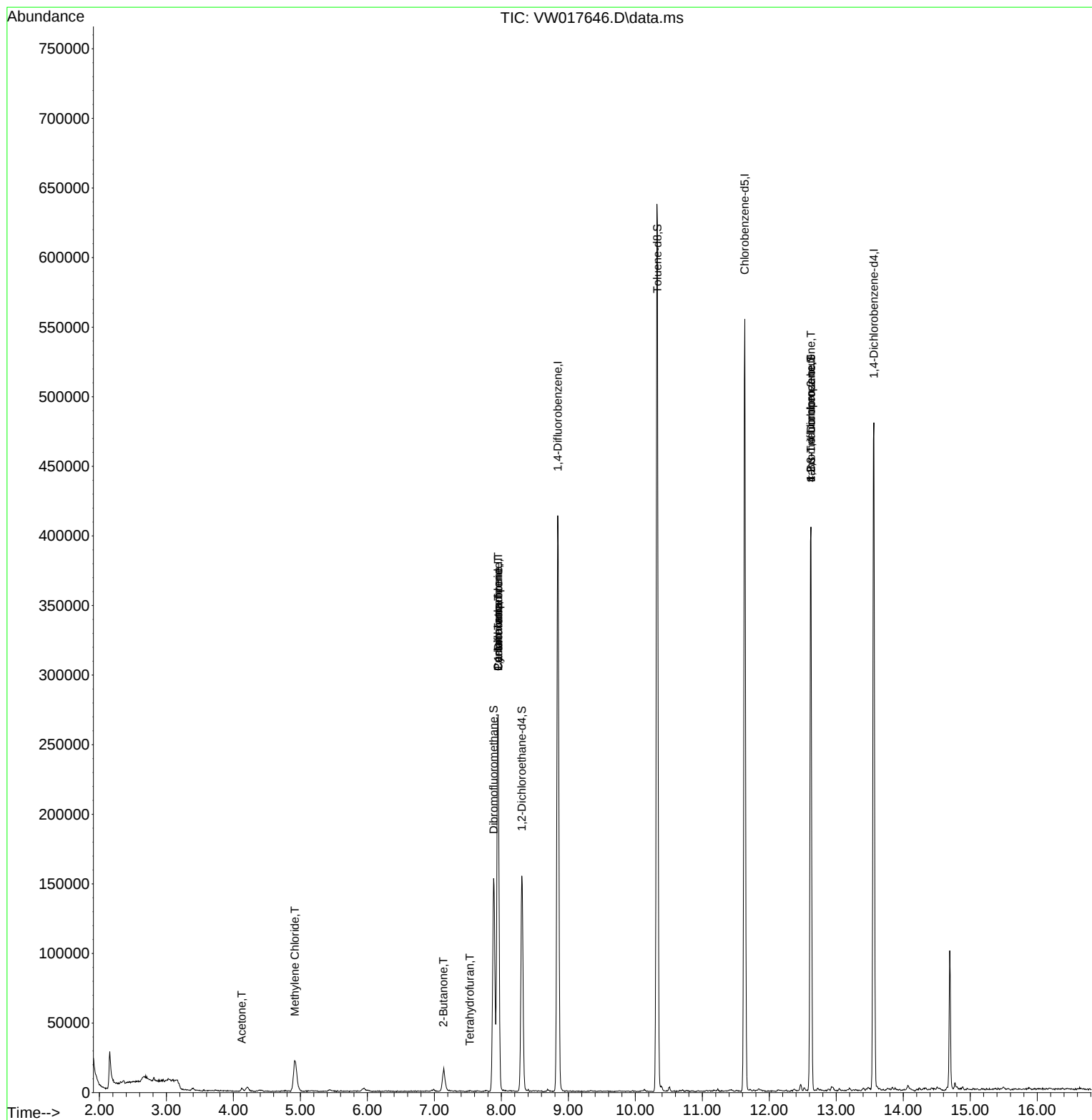
Internal Standards						
1) Pentafluorobenzene	7.952	168	195355	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.842	114	343181	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	285518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	118617	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	123880	52.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.12%	
35) Dibromofluoromethane	7.884	113	105037	46.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.50%	
50) Toluene-d8	10.329	98	411891	46.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.16%	
62) 4-Bromofluorobenzene	12.621	95	132551	41.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.98%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.172	59	338	Below Cal	#	82
16) Acetone	4.123	43	3938	7.61	ug/l #	82
20) Methylene Chloride	4.915	84	16780	2.22	ug/l #	72
25) 2-Butanone	7.135	43	1474	2.14	ug/l #	43
26) 2,2-Dichloropropane	7.135	77	1090	Below Cal	#	50
29) Tetrahydrofuran	7.531	42	491	1.27	ug/l #	27
31) Cyclohexane	7.952	56	5638	1.37	ug/l #	20
36) 1,1-Dichloropropene	7.952	75	17652	4.91	ug/l #	48
38) Carbon Tetrachloride	7.952	117	20511	5.68	ug/l #	13
76) 1,2,3-Trichloropropane	12.621	75	73825	64.65	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.621	75	73825	131.00	ug/l #	11

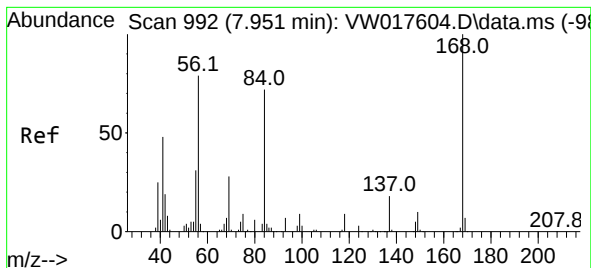
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121520\
Data File : VW017646.D
Acq On : 15 Dec 2020 20:22
Operator : SY/VA
Sample : L5045-05
Misc : 5.21G/5ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 16 02:42:52 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

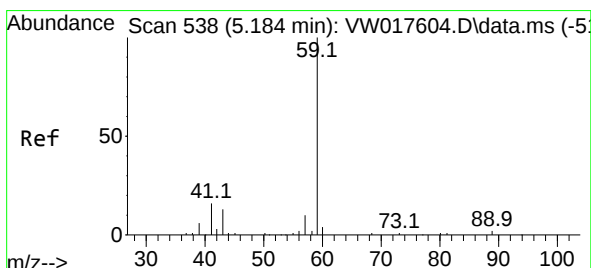
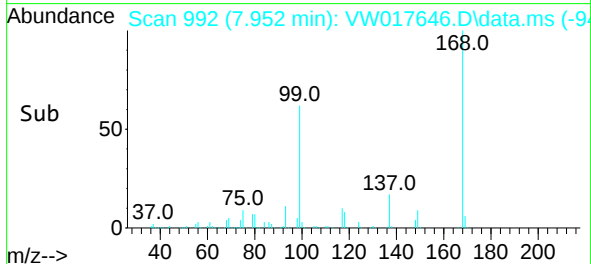
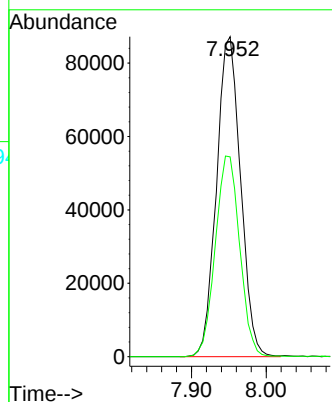
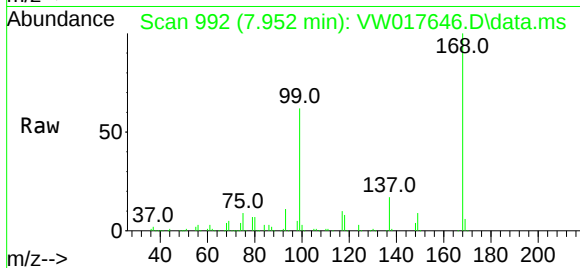




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW017646.D
Acq: 15 Dec 2020 20:22

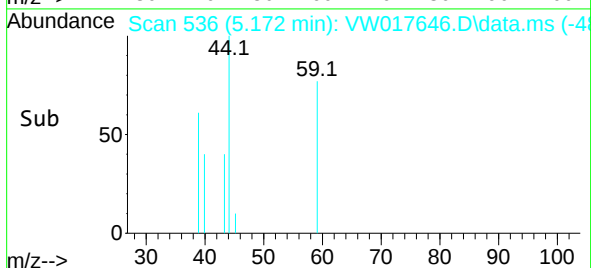
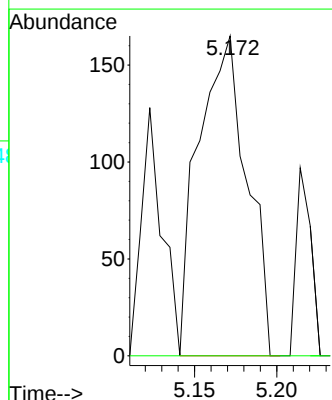
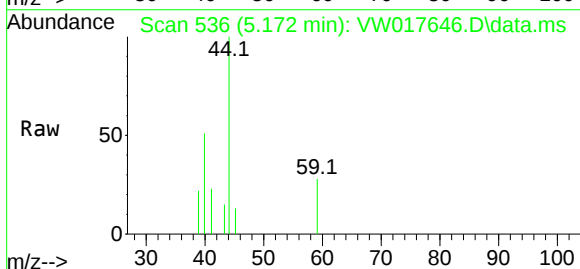
Instrument :
MSVOA_W
ClientSampleId :

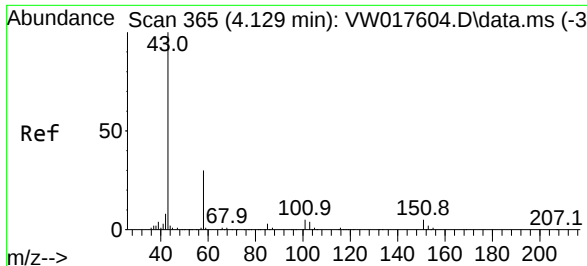
Tgt Ion:168 Resp: 195355
Ion Ratio Lower Upper
168 100
99 62.5 40.7 61.1#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.172 min Scan# 536
Delta R.T. -0.012 min
Lab File: VW017646.D
Acq: 15 Dec 2020 20:22

Tgt Ion: 59 Resp: 338
Ion Ratio Lower Upper
59 100
57 0.0 4.7 7.1#

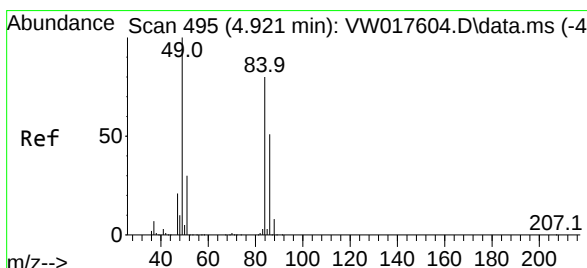
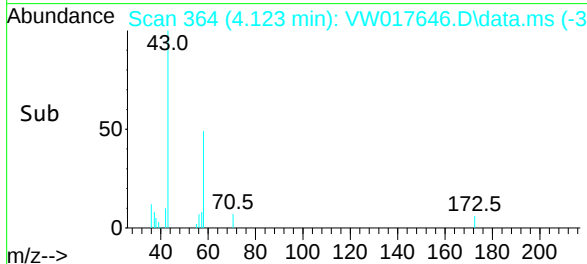
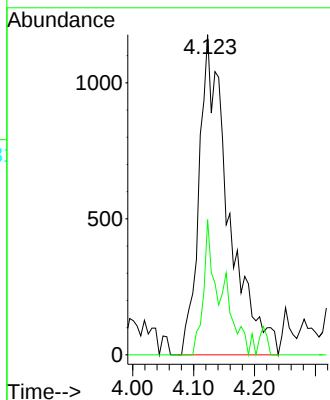
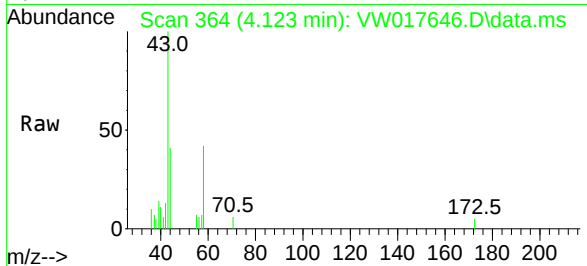




#16
Acetone
Concen: 7.61 ug/l
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW017646.D
Acq: 15 Dec 2020 20:22

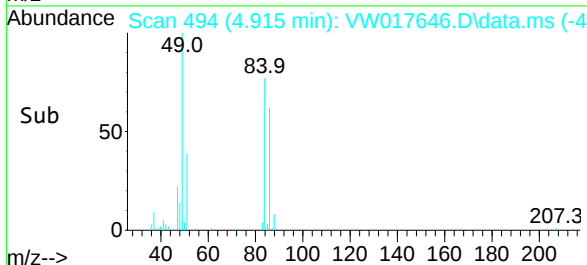
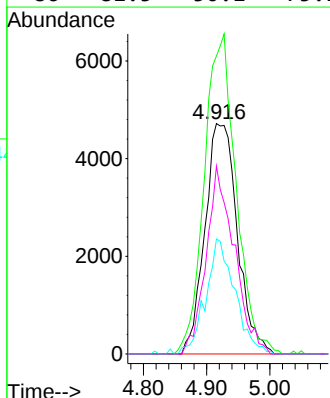
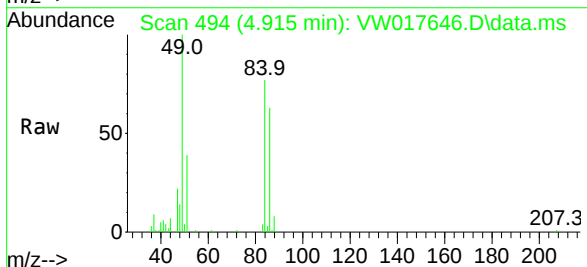
Instrument :
MSVOA_W
ClientSampled :

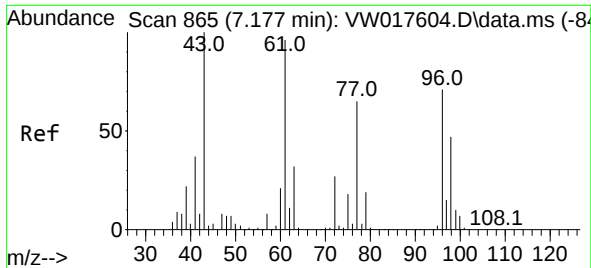
Tgt Ion: 43 Resp: 3938
Ion Ratio Lower Upper
43 100
58 42.2 25.7 38.5#



#20
Methylene Chloride
Concen: 2.22 ug/l
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW017646.D
Acq: 15 Dec 2020 20:22

Tgt Ion: 84 Resp: 16780
Ion Ratio Lower Upper
84 100
49 127.8 79.0 118.6#
51 49.9 26.1 39.1#
86 81.5 50.1 75.1#

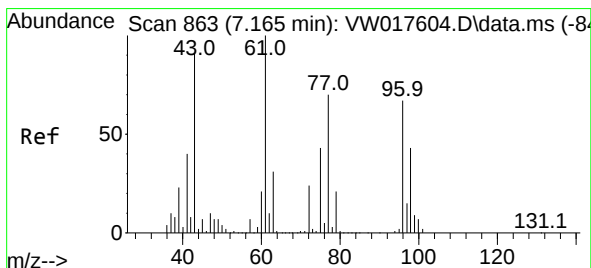
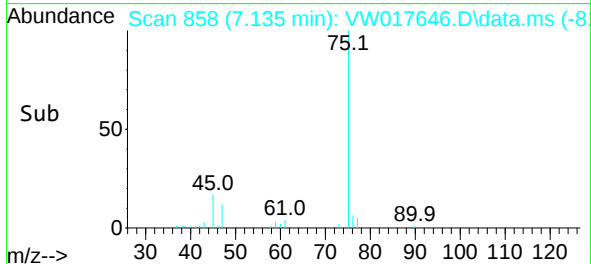
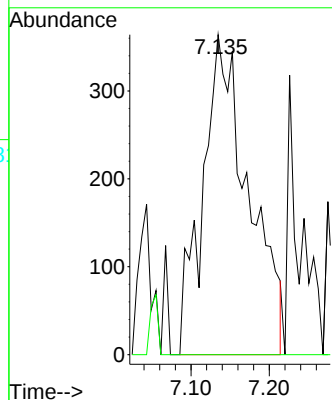
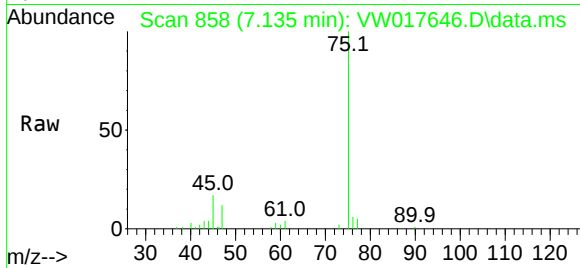




#25
2-Butanone
Concen: 2.14 ug/l
RT: 7.135 min Scan# 858
Delta R.T. -0.042 min
Lab File: VW017646.D
Acq: 15 Dec 2020 20:22

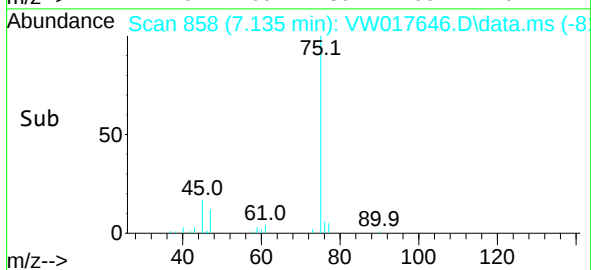
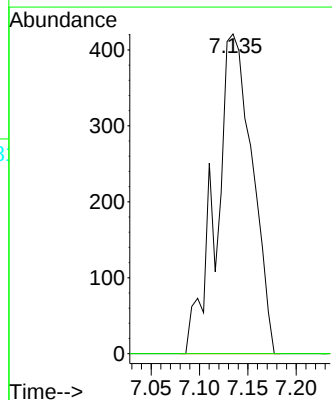
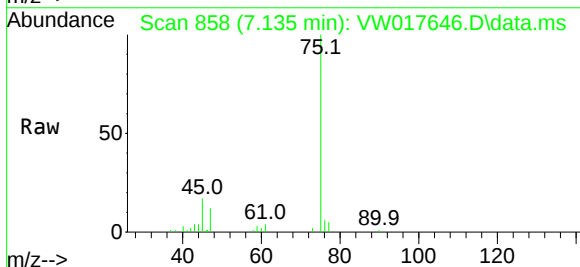
Instrument :
MSVOA_W
ClientSampled :

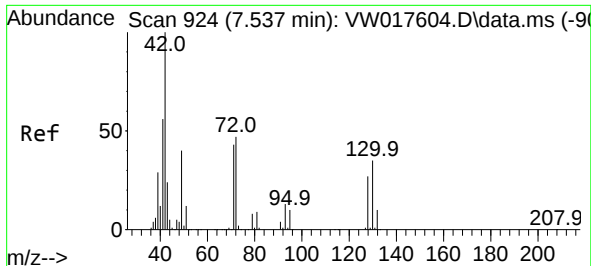
Tgt Ion: 43 Resp: 1474
Ion Ratio Lower Upper
43 100
72 0.0 25.4 38.2#



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.135 min Scan# 858
Delta R.T. -0.030 min
Lab File: VW017646.D
Acq: 15 Dec 2020 20:22

Tgt Ion: 77 Resp: 1090
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#





#29

Tetrahydrofuran

Concen: 1.27 ug/l

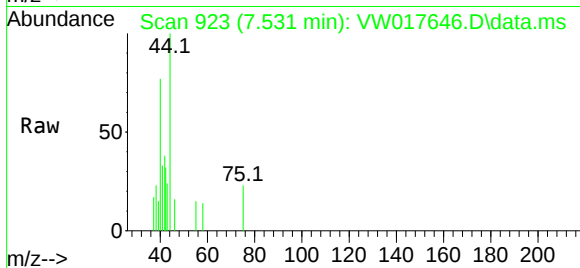
RT: 7.531 min Scan# 923

Delta R.T. -0.006 min

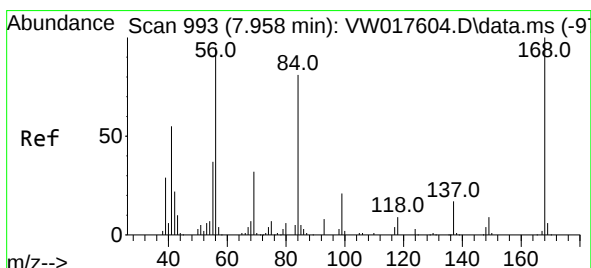
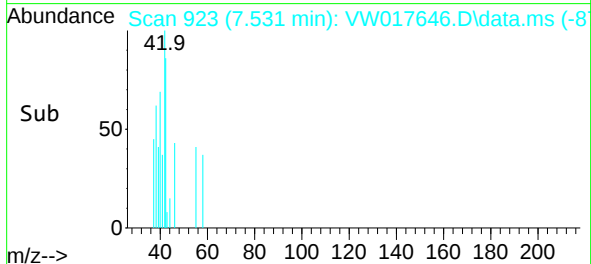
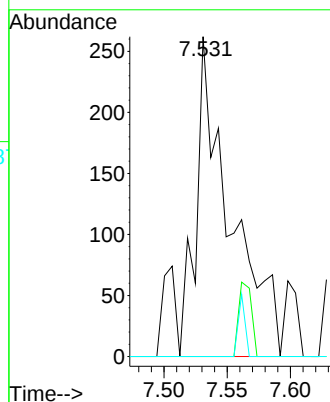
Lab File: VW017646.D

Acq: 15 Dec 2020 20:22

Instrument :
MSVOA_W
ClientSampled :



Tgt Ion:	42	Resp:	491
Ion	Ratio	Lower	Upper
42	100		
72	0.0	42.0	63.0#
71	0.0	39.0	58.6#



#31

Cyclohexane

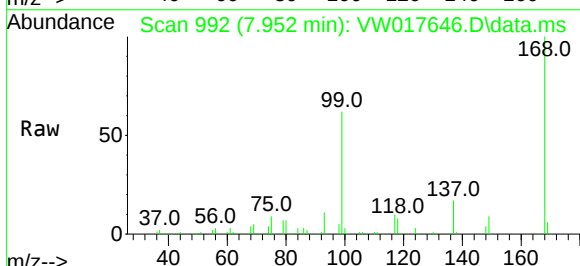
Concen: 1.37 ug/l

RT: 7.952 min Scan# 992

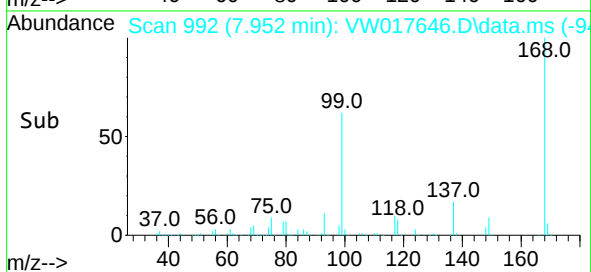
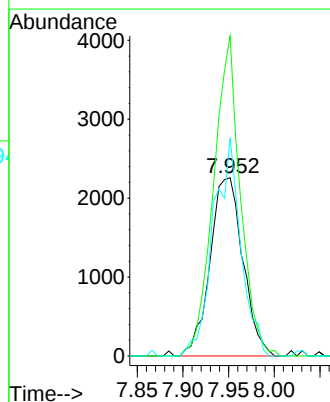
Delta R.T. -0.006 min

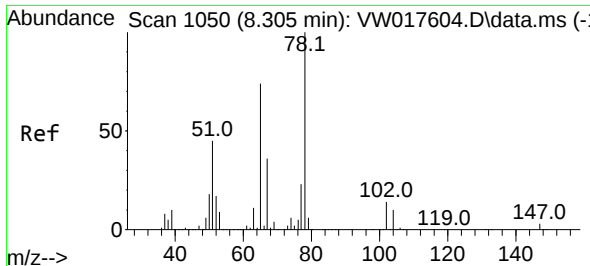
Lab File: VW017646.D

Acq: 15 Dec 2020 20:22



Tgt Ion:	56	Resp:	5638
Ion	Ratio	Lower	Upper
56	100		
69	179.5	29.3	43.9#
84	122.4	80.5	120.7#

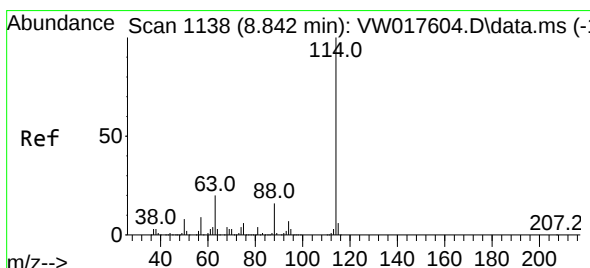
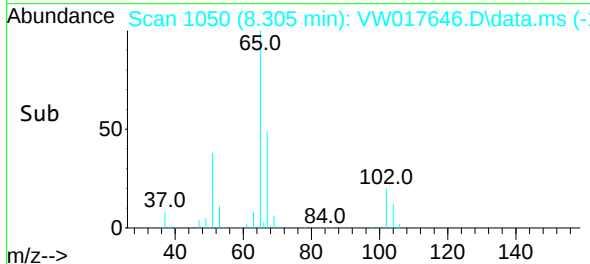
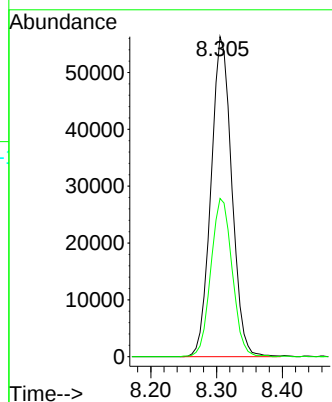
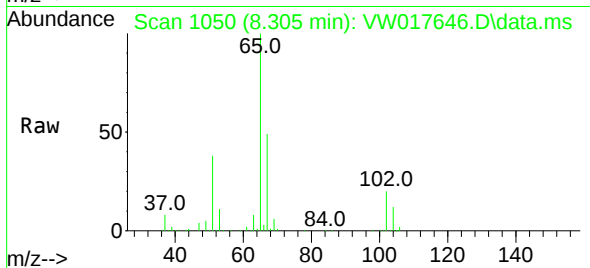




#33
 1,2-Dichloroethane-d4
 Concen: 52.06 ug/l
 RT: 8.305 min Scan# 1050
 Delta R.T. 0.000 min
 Lab File: VW017646.D
 Acq: 15 Dec 2020 20:22

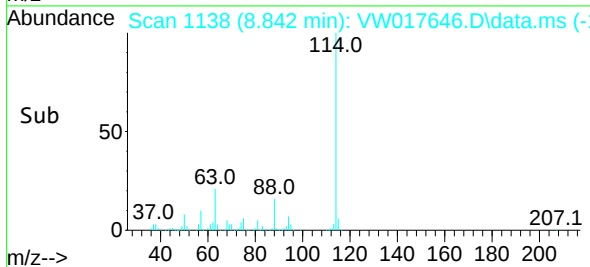
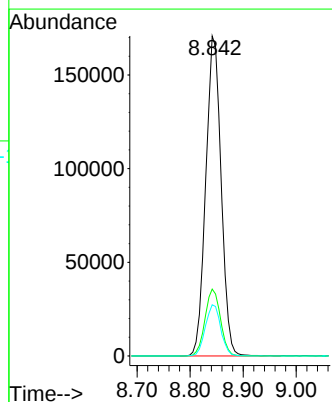
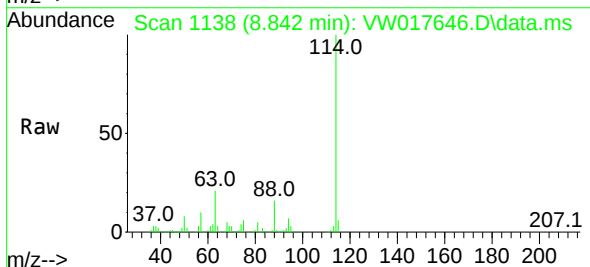
Instrument :
 MSVOA_W
 ClientSampled :

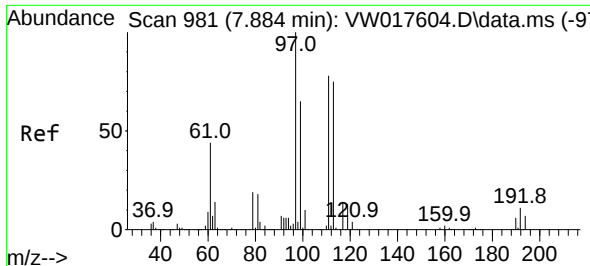
Tgt Ion: 65 Resp: 123880
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.842 min Scan# 1138
 Delta R.T. -0.000 min
 Lab File: VW017646.D
 Acq: 15 Dec 2020 20:22

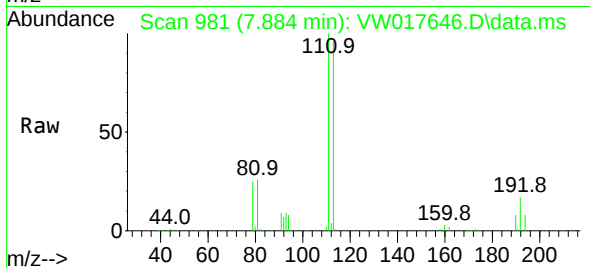
Tgt Ion: 114 Resp: 343181
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 35.6
 88 16.0 0.0 30.4



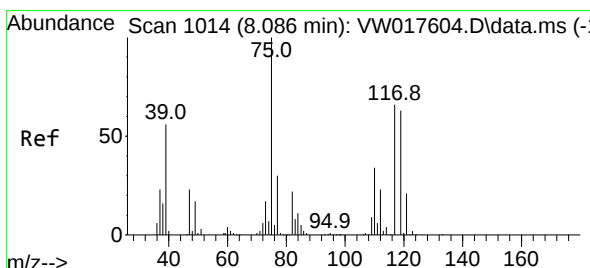
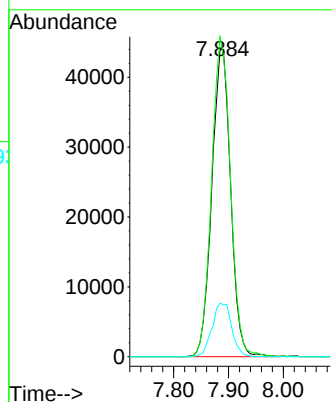
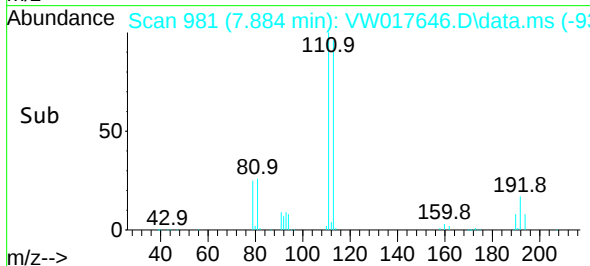


#35
Dibromofluoromethane
Concen: 46.25 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017646.D
Acq: 15 Dec 2020 20:22

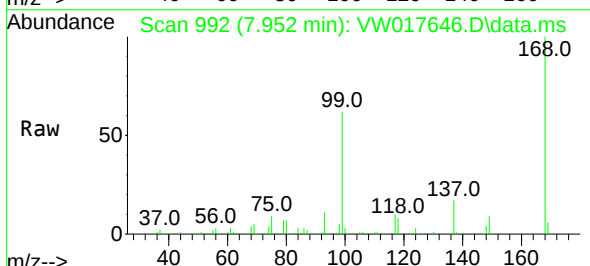
Instrument :
MSVOA_W
ClientSampleId :



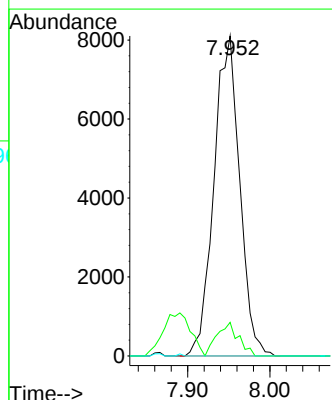
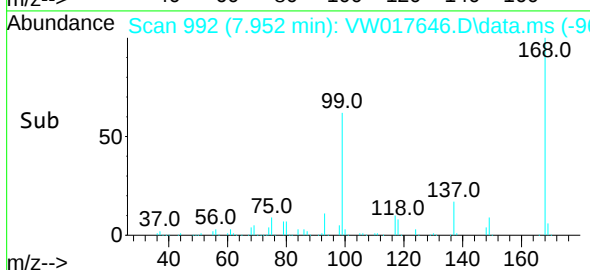
Tgt Ion:113 Resp: 105037
Ion Ratio Lower Upper
113 100
111 104.4 81.4 122.2
192 18.1 17.8 26.8

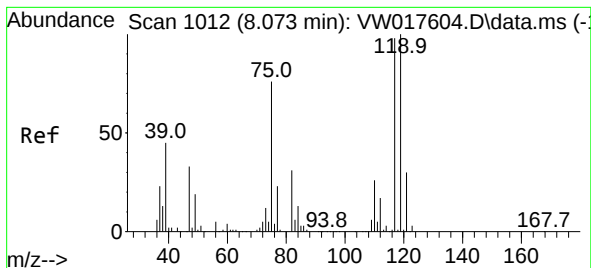


#36
1,1-Dichloropropene
Concen: 4.91 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.134 min
Lab File: VW017646.D
Acq: 15 Dec 2020 20:22



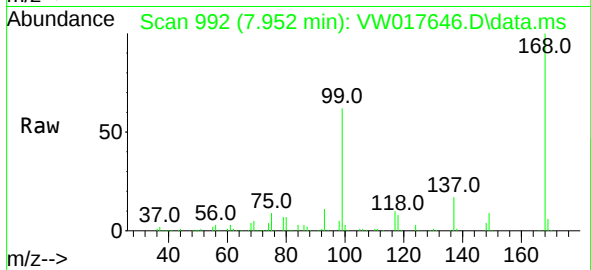
Tgt Ion: 75 Resp: 17652
Ion Ratio Lower Upper
75 100
110 8.8 19.3 57.9#
77 0.0 25.0 37.6#



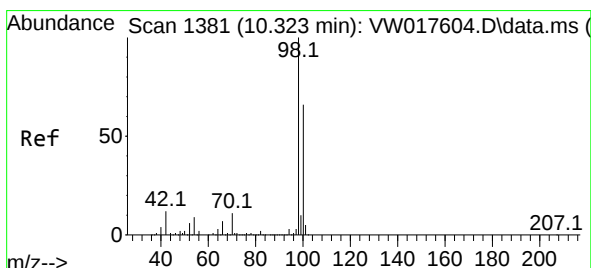
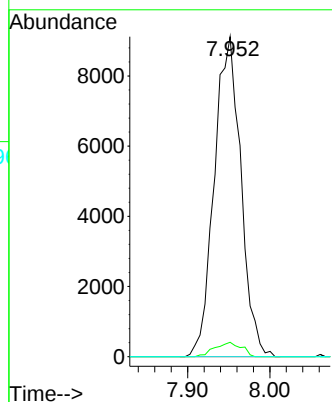
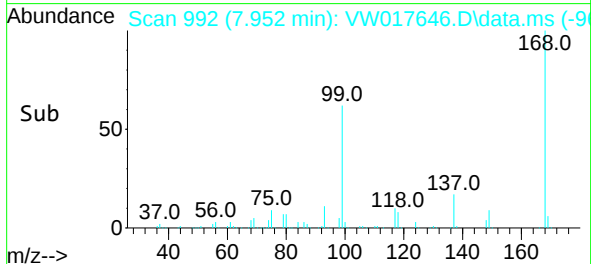


#38
Carbon Tetrachloride
Concen: 5.68 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.121 min
Lab File: VW017646.D
Acq: 15 Dec 2020 20:22

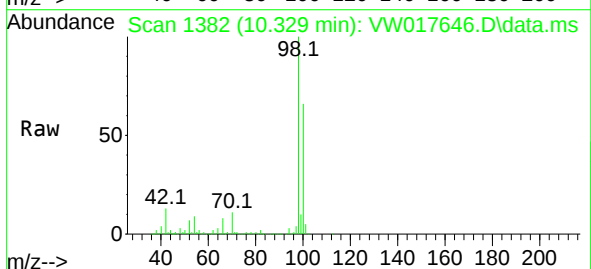
Instrument :
MSVOA_W
ClientSampleId :



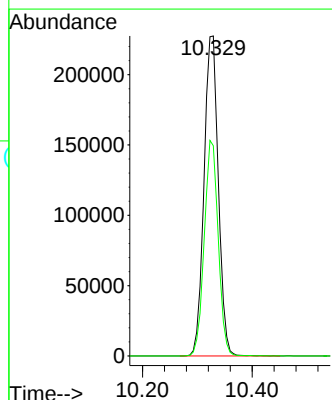
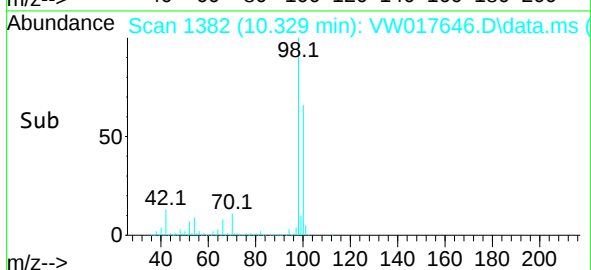
Tgt Ion:117 Resp: 20511
Ion Ratio Lower Upper
117 100
119 4.5 81.6 122.4#
121 0.0 25.7 38.5#

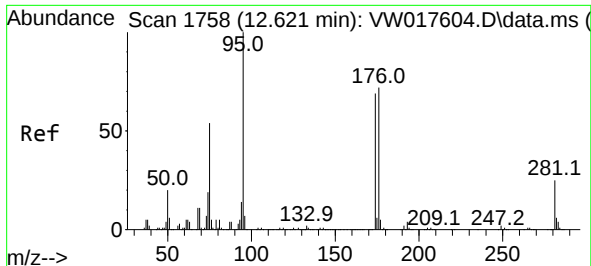


#50
Toluene-d8
Concen: 46.58 ug/l
RT: 10.329 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VW017646.D
Acq: 15 Dec 2020 20:22



Tgt Ion: 98 Resp: 411891
Ion Ratio Lower Upper
98 100
100 65.5 53.3 79.9

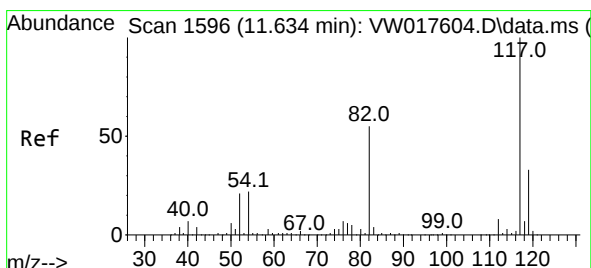
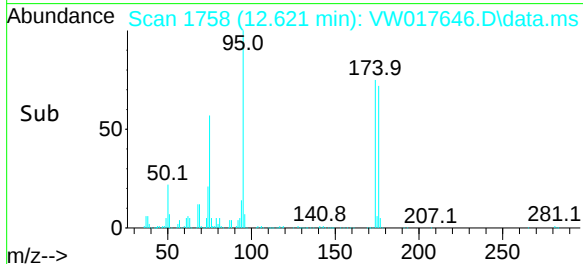
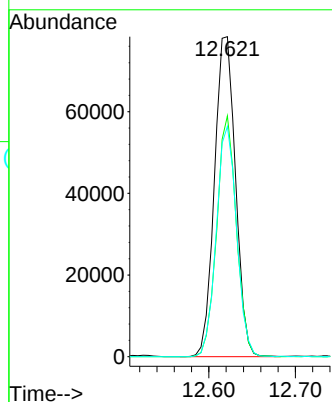
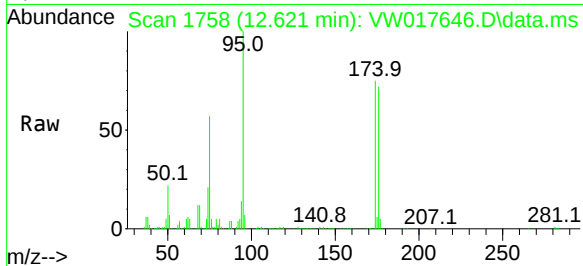




#62
4-Bromofluorobenzene
Concen: 41.99 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW017646.D
Acq: 15 Dec 2020 20:22

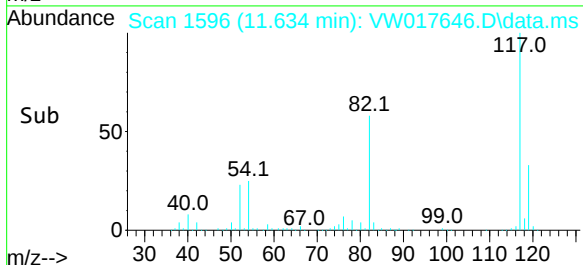
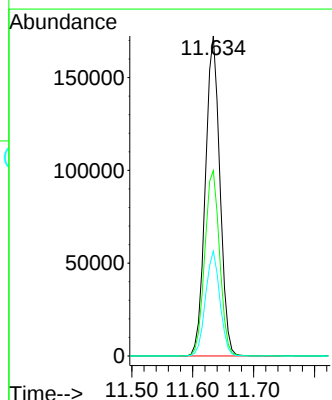
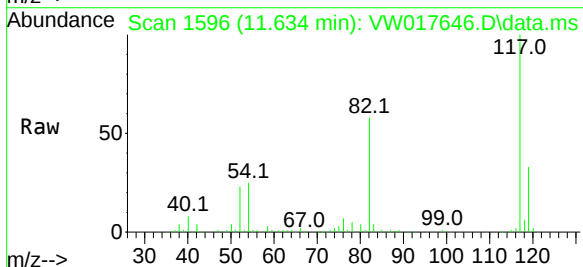
Instrument :
MSVOA_W
ClientSampleId :

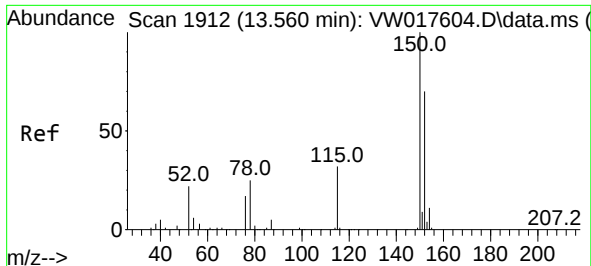
Tgt Ion: 95 Resp: 132551
Ion Ratio Lower Upper
95 100
174 70.1 0.0 180.6
176 69.2 0.0 177.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017646.D
Acq: 15 Dec 2020 20:22

Tgt Ion: 117 Resp: 285518
Ion Ratio Lower Upper
117 100
82 57.9 40.7 61.1
119 32.7 25.0 37.4

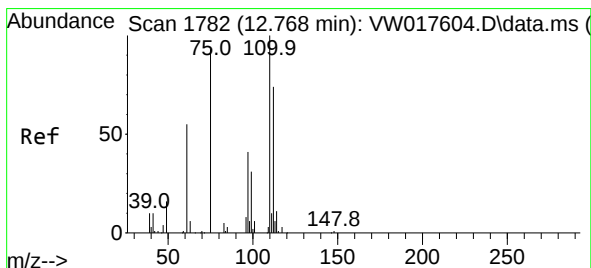
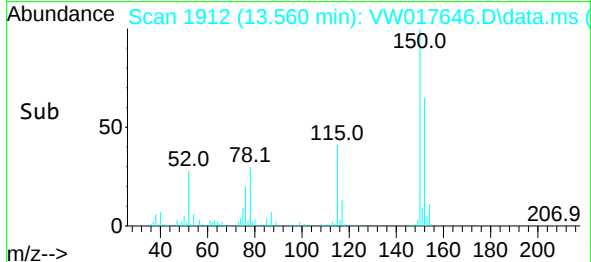
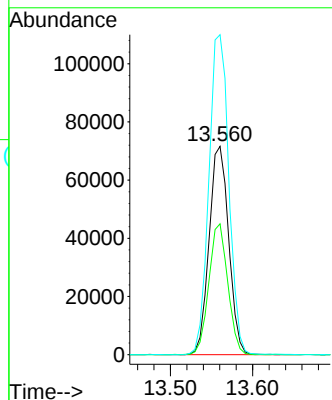
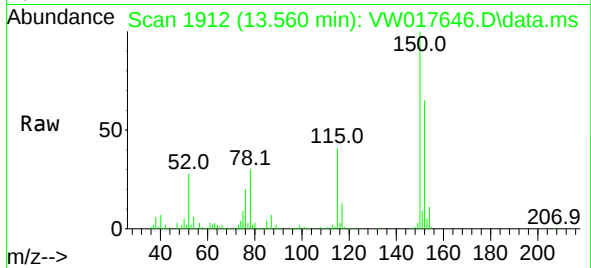




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017646.D
Acq: 15 Dec 2020 20:22

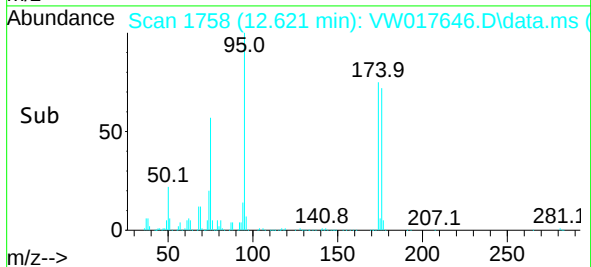
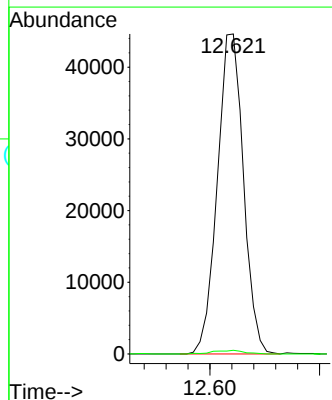
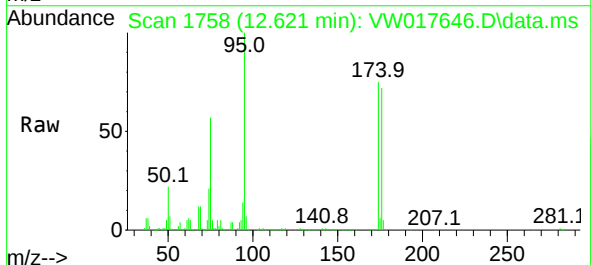
Instrument :
MSVOA_W
ClientSampled :

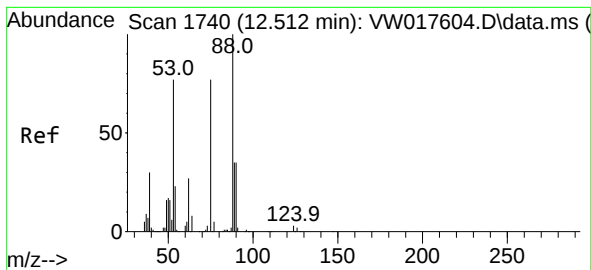
Tgt Ion:152 Resp: 118617
Ion Ratio Lower Upper
152 100
115 60.8 27.9 83.7
150 156.6 0.0 344.0



#76
1,2,3-Trichloropropane
Concen: 64.65 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. -0.147 min
Lab File: VW017646.D
Acq: 15 Dec 2020 20:22

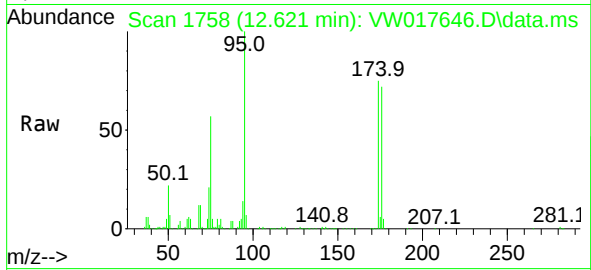
Tgt Ion: 75 Resp: 73825
Ion Ratio Lower Upper
75 100
77 1.3 178.8 536.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 131.00 ug/l
 RT: 12.621 min Scan# 1758
 Delta R.T. 0.109 min
 Lab File: VW017646.D
 Acq: 15 Dec 2020 20:22

Instrument :
 MSVOA_W
 ClientSampleId :



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

