

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082319\
 Data File : VW012156.D
 Acq On : 24 Aug 2019 01:25
 Operator : SY/VA
 Sample : K4474-20
 Misc : 5.79G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-A-(2.5)

Quant Time: Aug 26 08:32:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

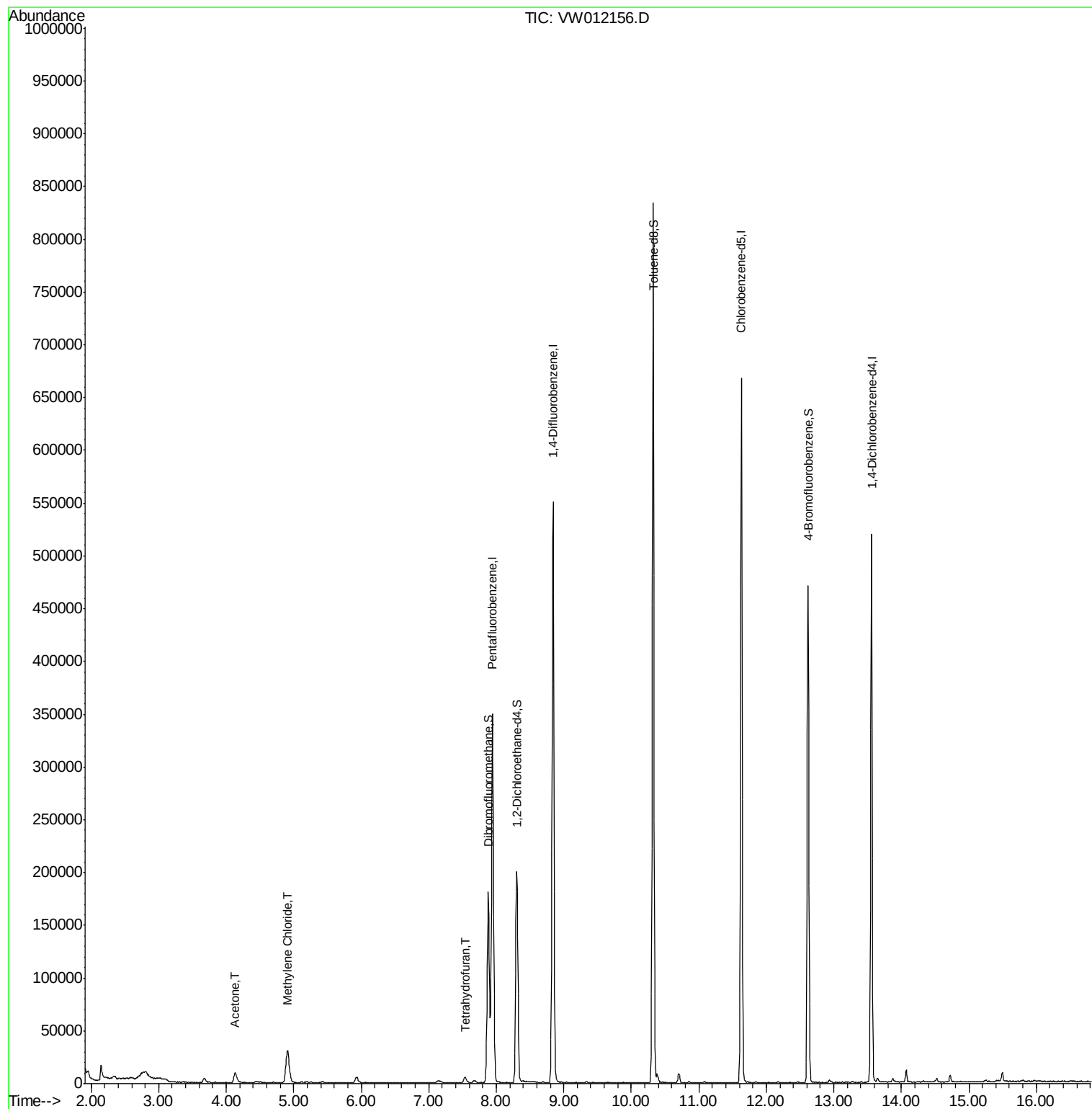
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	247106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	422647	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	344217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	130126	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	164682	56.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.12%	
35) Dibromofluoromethane	7.88	113	130798	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
50) Toluene-d8	10.32	98	513888	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
62) 4-Bromofluorobenzene	12.62	95	156521	43.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.82%	
Target Compounds						
16) Acetone	4.13	43	19062	25.386	ug/l	99
20) Methylene Chloride	4.92	84	23339	8.222	ug/l	95
29) Tetrahydrofuran	7.54	42	4760	7.776	ug/l	96

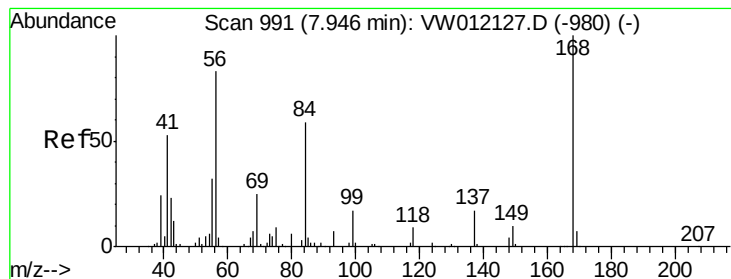
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082319\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012156.D

Acq: 24 Aug 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

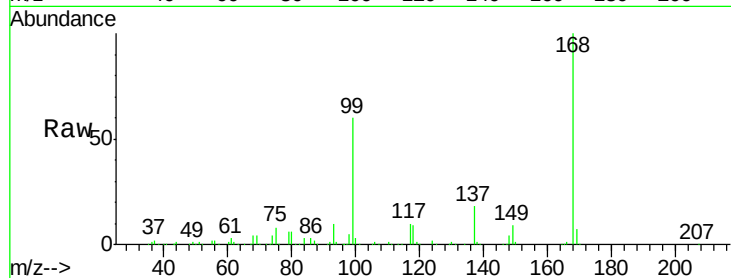
T1-2-A-(2.5)

Tot Ion:168 Resp: 247106

Ion Ratio Lower Upper

168 100

99 60.5 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

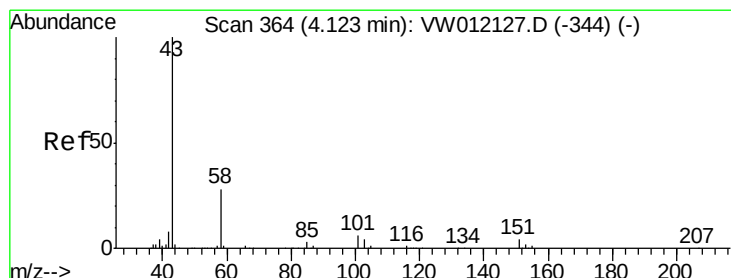
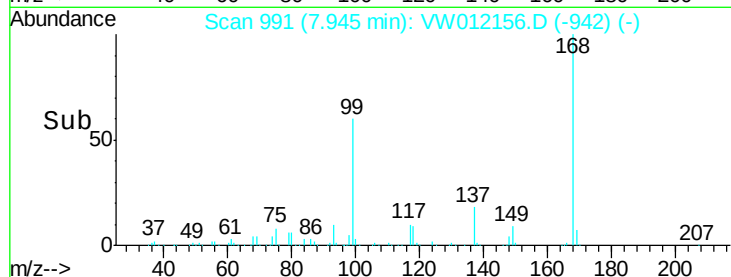
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 25.386 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012156.D

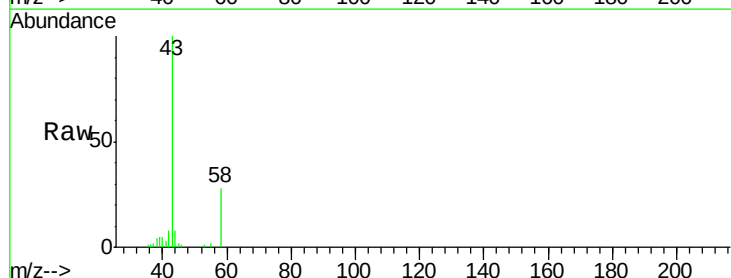
Acq: 24 Aug 2019 01:25

Tgt Ion: 43 Resp: 19062

Ion Ratio Lower Upper

43 100

58 28.4 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

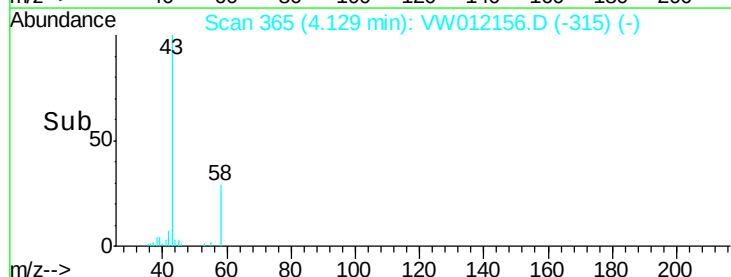
6000

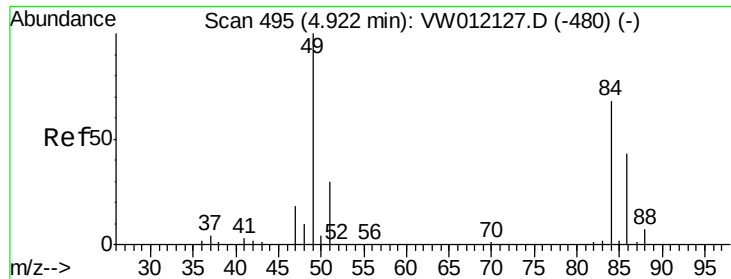
4000

2000

0

Time-->

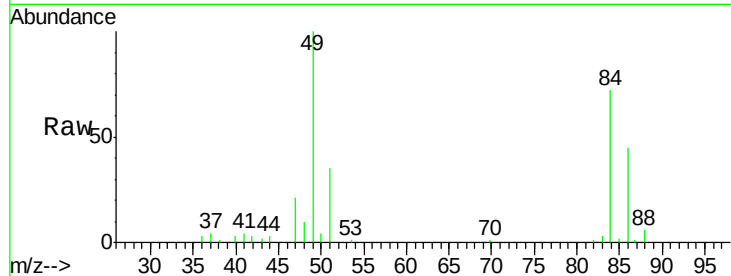




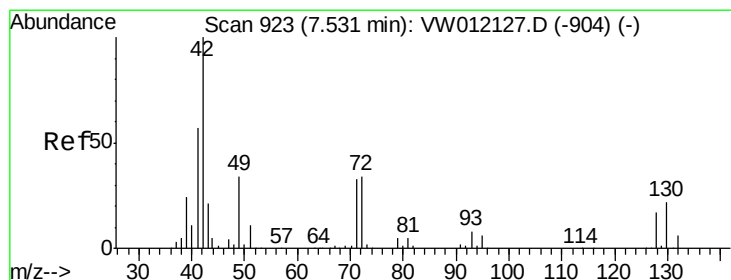
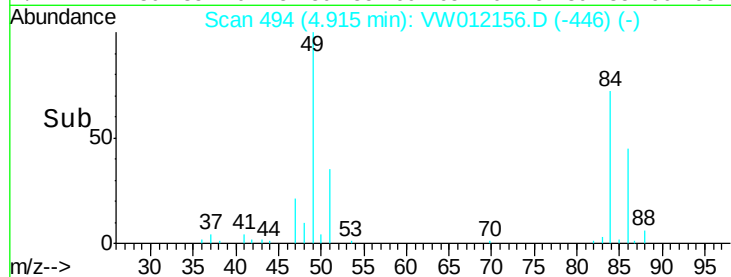
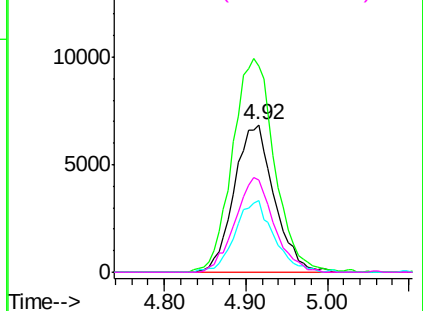
#20
Methylene Chloride
Concen: 8.222 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012156.D
Acq: 24 Aug 2019 01:25

Instrument :
MSVOA_W
ClientSampled :
T1-2-A-(2.5)

Tot Ion:	84	Resp:	23339
Ion	Ratio	Lower	Upper
84	100		
49	139.5	117.8	176.8
51	48.3	35.6	53.4
86	62.6	51.2	76.8

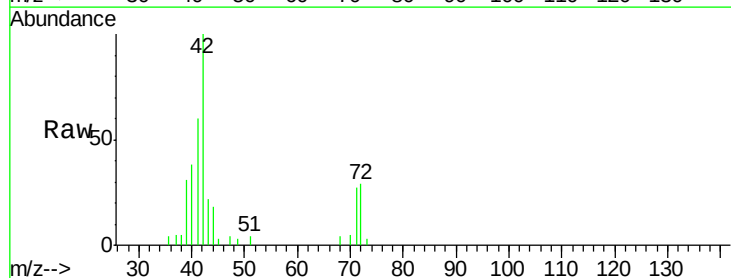


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

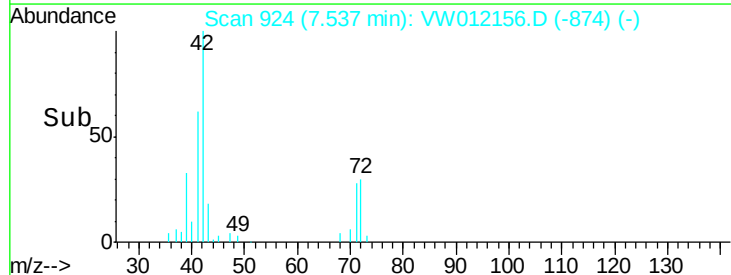
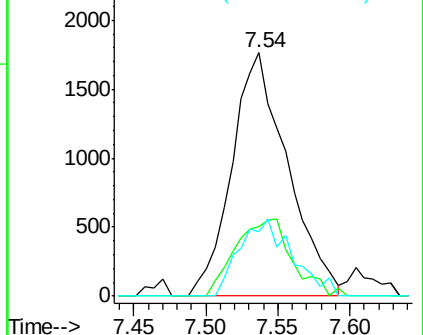


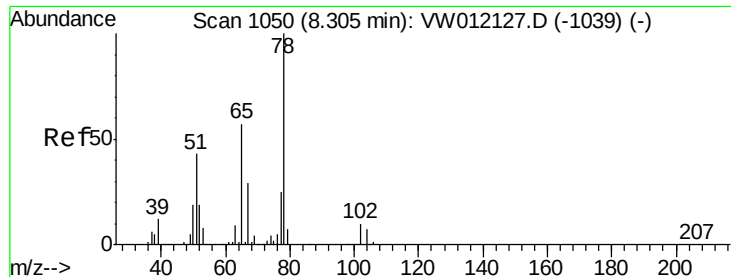
#29
Tetrahydrofuran
Concen: 7.776 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012156.D
Acq: 24 Aug 2019 01:25

Tgt Ion:	42	Resp:	4760
Ion	Ratio	Lower	Upper
42	100		
72	32.1	27.3	40.9
71	29.9	25.5	38.3



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

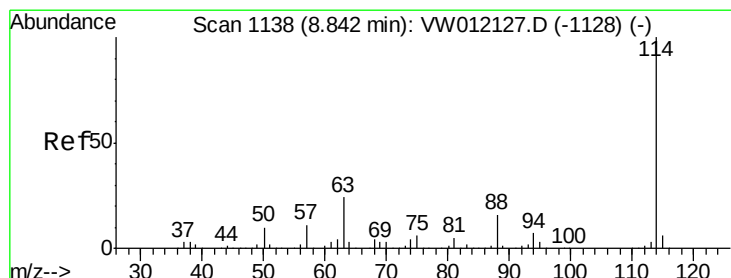
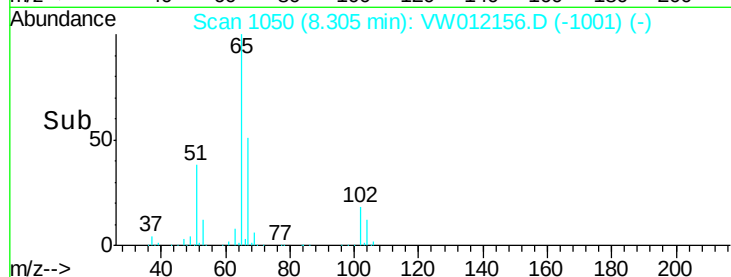
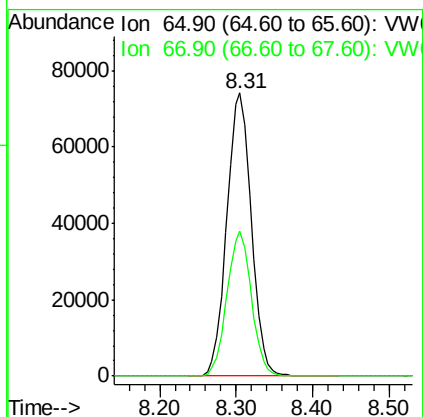
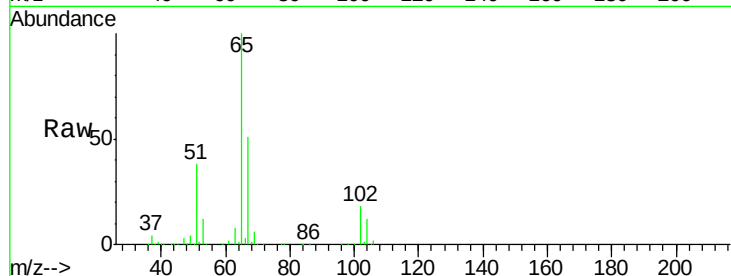




#33
 1,2-Dichloroethane-d4
 Concen: 56.062 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012156.D
 Acq: 24 Aug 2019 01:25

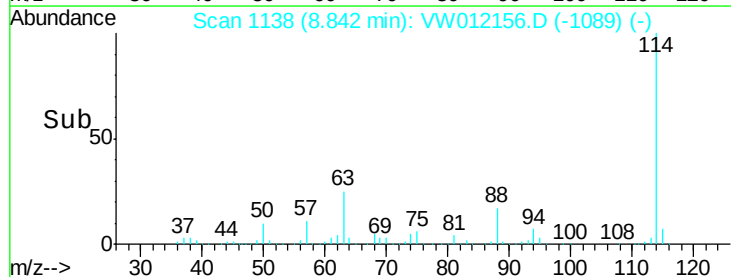
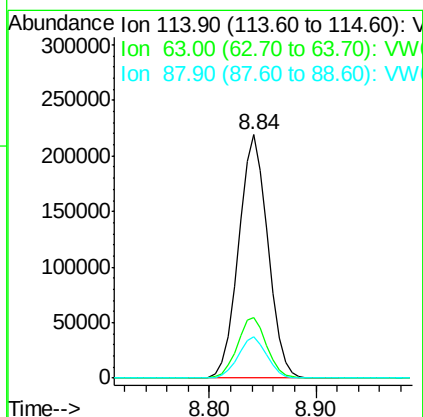
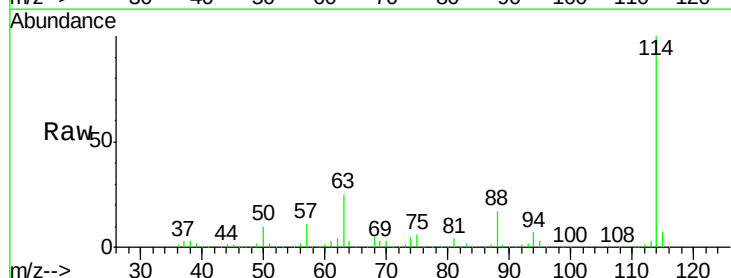
Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-A-(2.5)

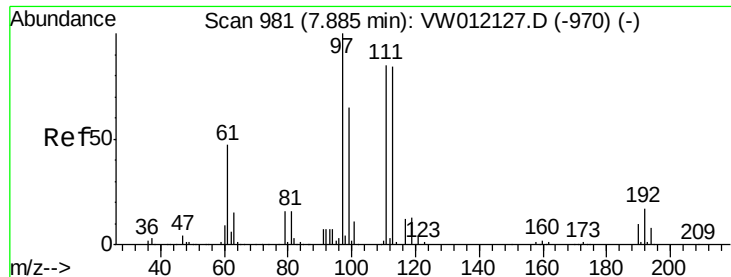
Tot Ion: 65 Resp: 164682
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012156.D
 Acq: 24 Aug 2019 01:25

Tgt Ion: 114 Resp: 422647
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 48.6
 88 17.0 0.0 32.2

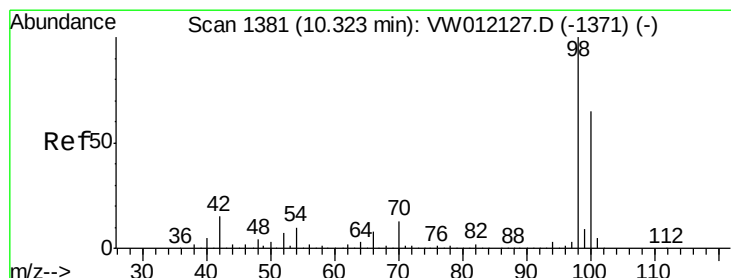
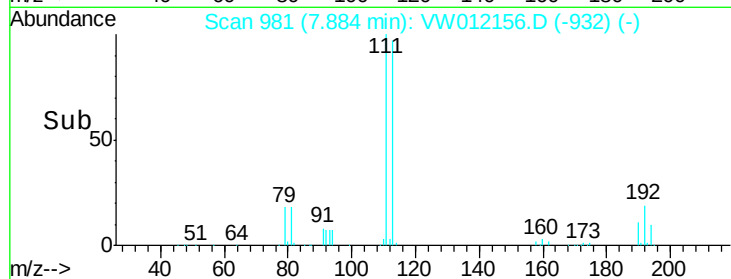
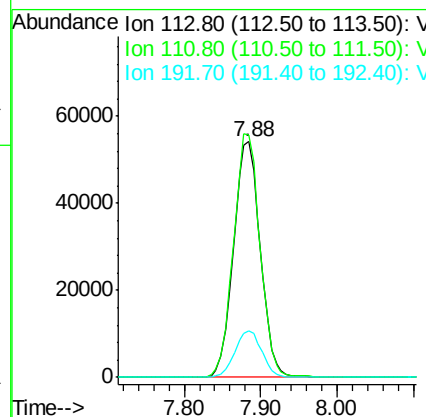
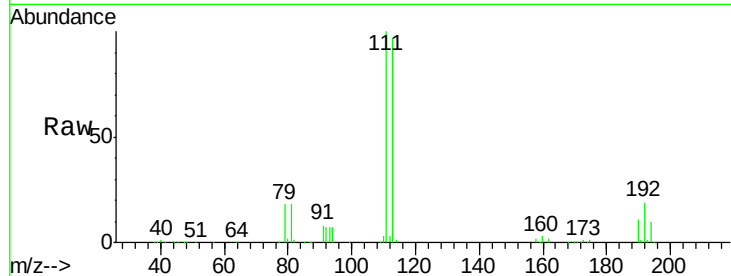




#35
 Dibromofluoromethane
 Concen: 51.846 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012156.D
 Acq: 24 Aug 2019 01:25

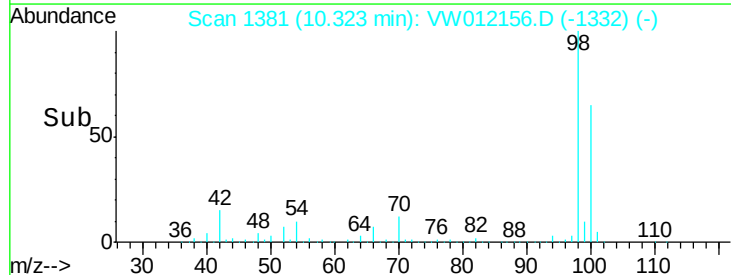
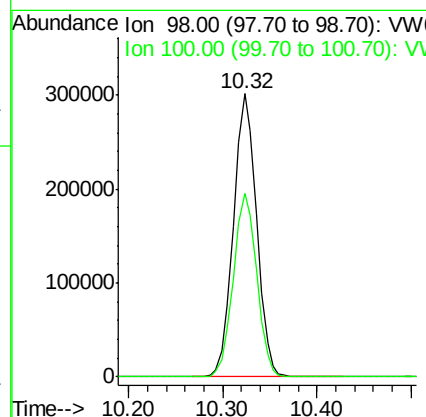
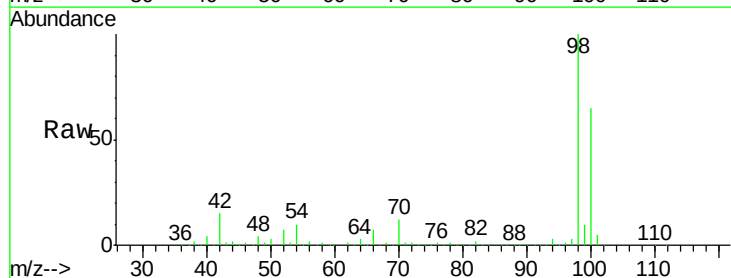
Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-A-(2.5)

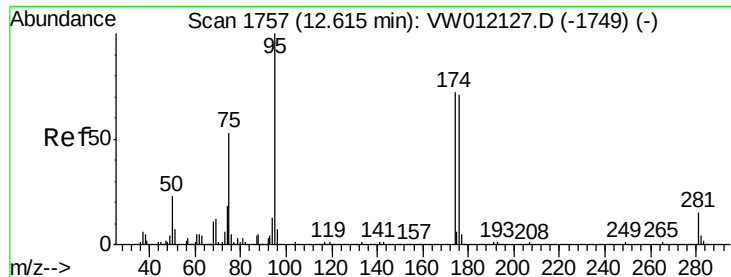
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.7	124.1
192	19.8	16.2	24.2



#50
 Toluene-d8
 Concen: 50.237 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012156.D
 Acq: 24 Aug 2019 01:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.4	78.6





#62

4-Bromofluorobenzene

Concen: 43.408 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW012156.D

Acq: 24 Aug 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

T1-2-A-(2.5)

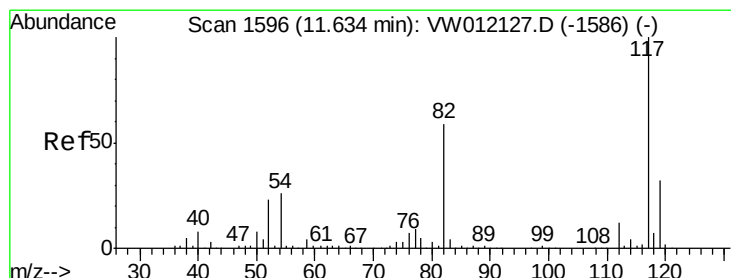
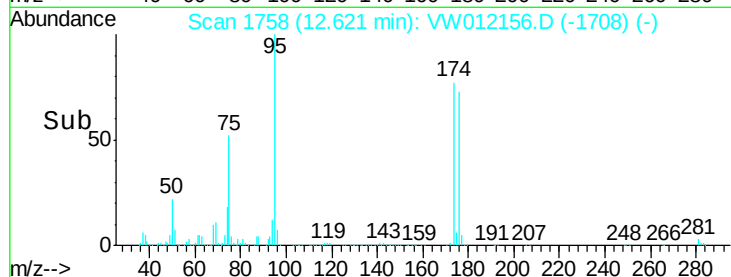
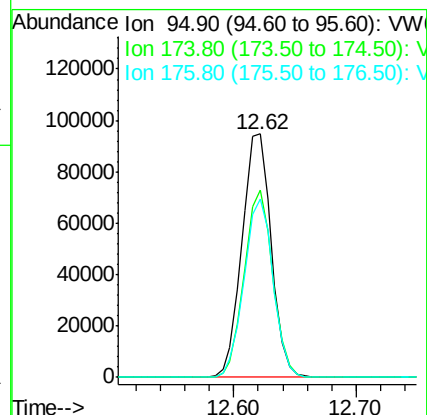
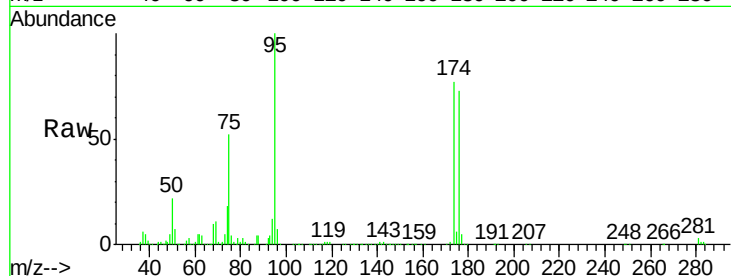
Tot Ion: 95 Resp: 156521

Ion Ratio Lower Upper

95 100

174 75.3 0.0 150.8

176 72.8 0.0 148.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW012156.D

Acq: 24 Aug 2019 01:25

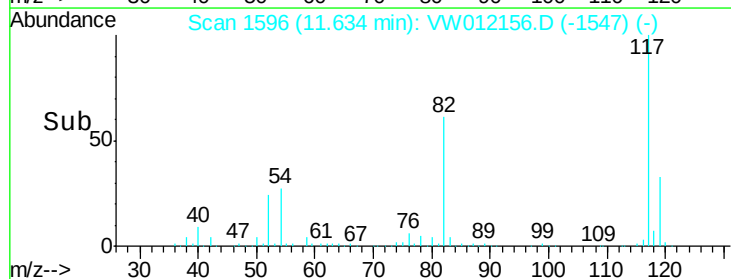
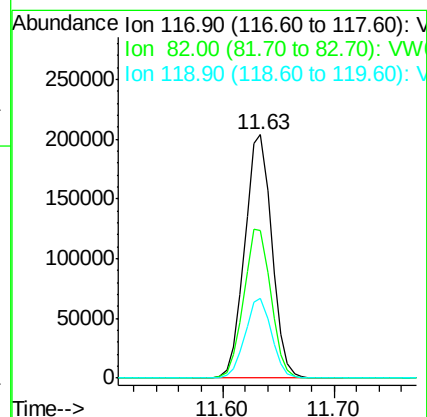
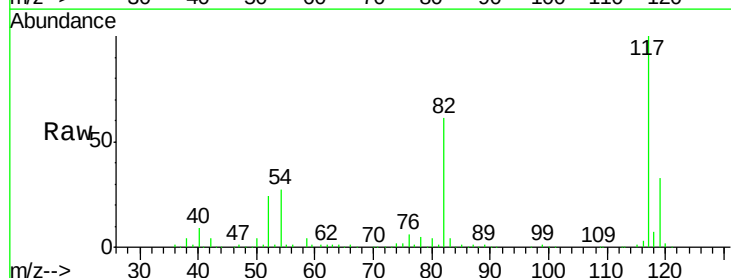
Tgt Ion: 117 Resp: 344217

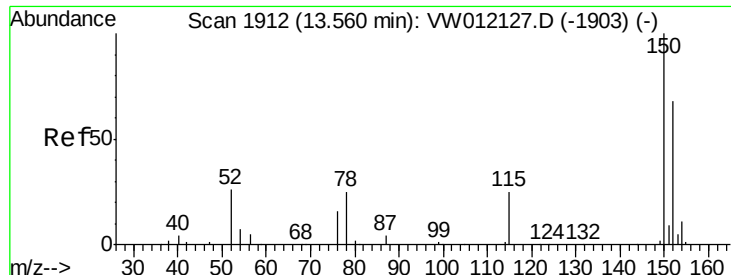
Ion Ratio Lower Upper

117 100

82 60.8 47.4 71.2

119 32.9 25.4 38.2

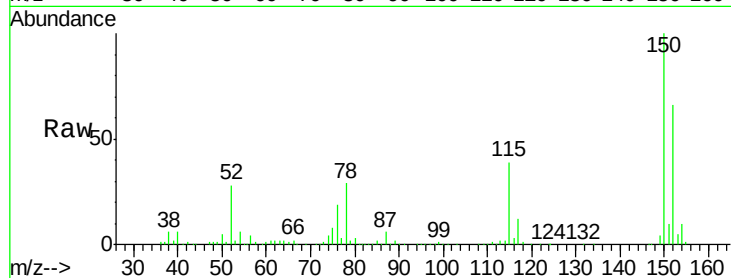




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW012156.D
 Acq: 24 Aug 2019 01:25

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-A-(2.5)

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.9	30.1	90.3
150	154.7	0.0	345.8



Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

