

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081619\
 Data File : VW011944.D
 Acq On : 15 Aug 2019 23:01
 Operator : SY/VA
 Sample : K4339-08
 Misc : 5.80G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T8-A3-(4)

Quant Time: Aug 16 05:25:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

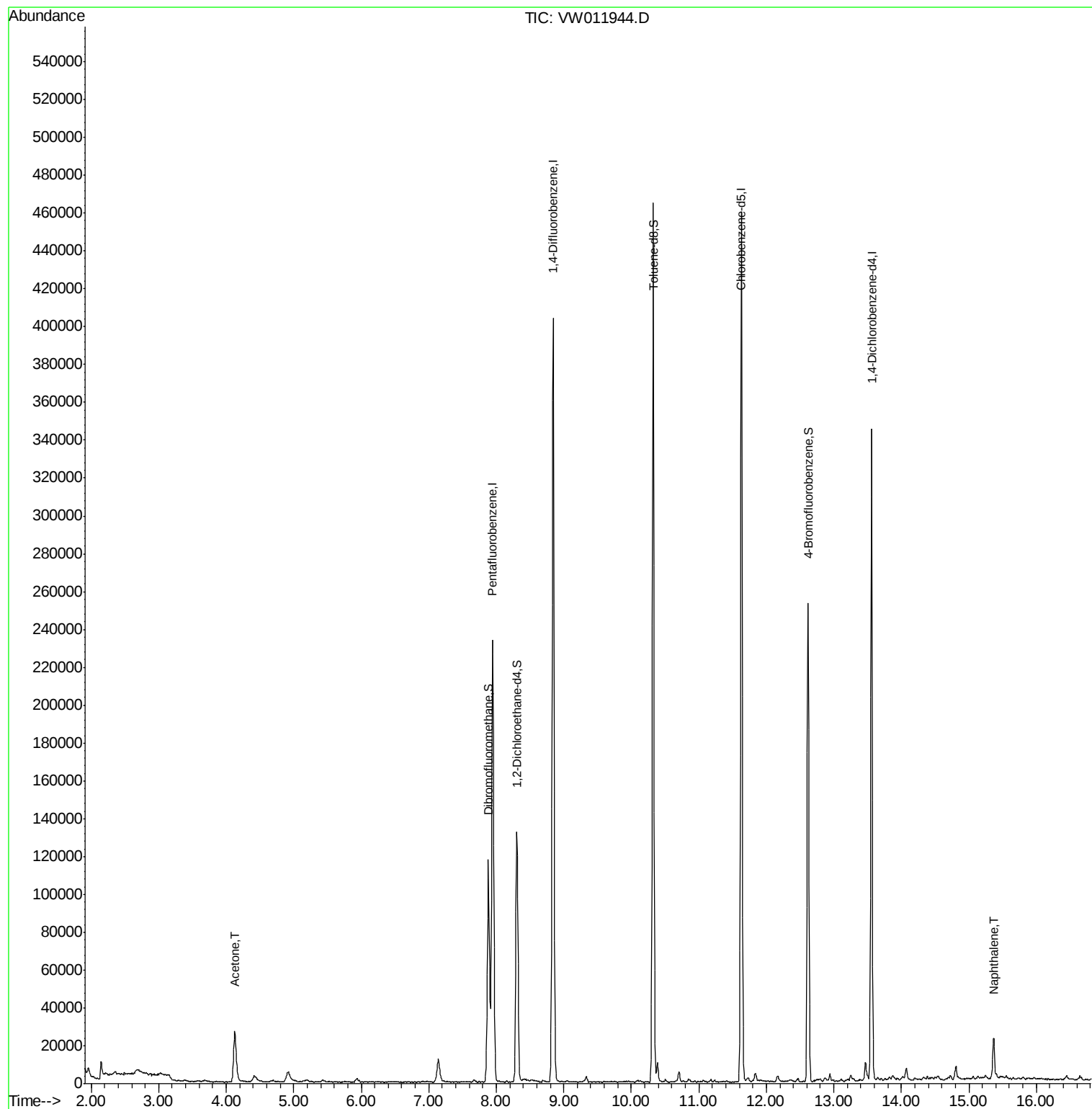
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	169890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	312146	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	245629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	81666	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	104131	53.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.76%	
35) Dibromofluoromethane	7.88	113	82236	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
50) Toluene-d8	10.32	98	280781	39.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.32%	
62) 4-Bromofluorobenzene	12.62	95	81895	32.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.08%	
Target Compounds						
16) Acetone	4.12	43	51144	82.417	ug/l	98
95) Naphthalene	15.37	128	18583	7.592	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011944.D

Acq: 15 Aug 2019 23:01

Instrument :

MSVOA_W

ClientSampleId :

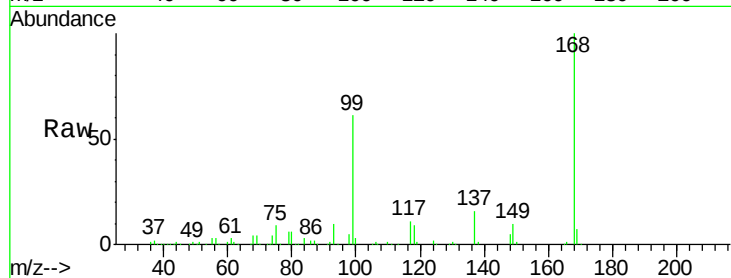
T8-A3-(4)

Tot Ion:168 Resp: 169890

Ion Ratio Lower Upper

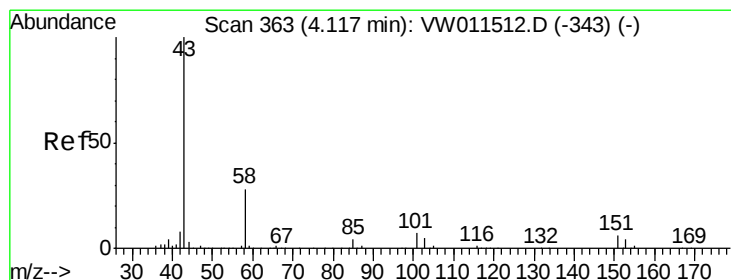
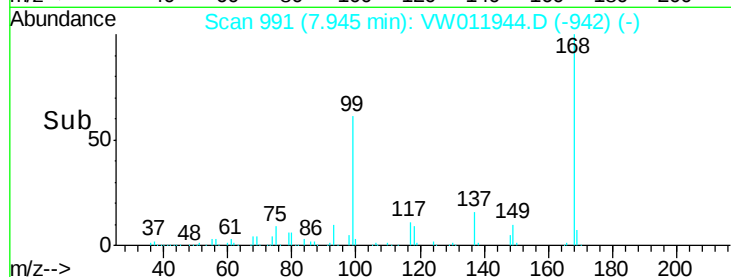
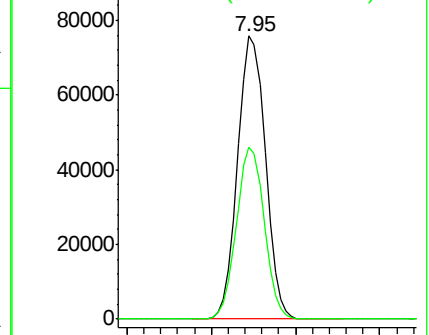
168 100

99 60.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 82.417 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011944.D

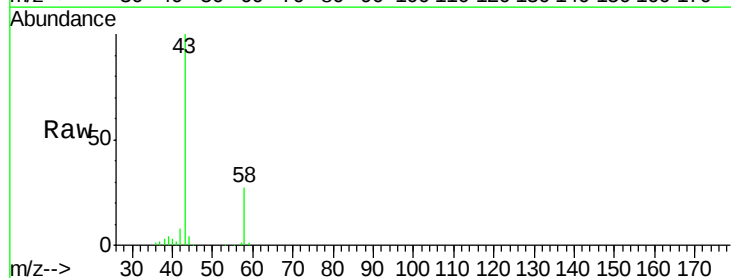
Acq: 15 Aug 2019 23:01

Tgt Ion: 43 Resp: 51144

Ion Ratio Lower Upper

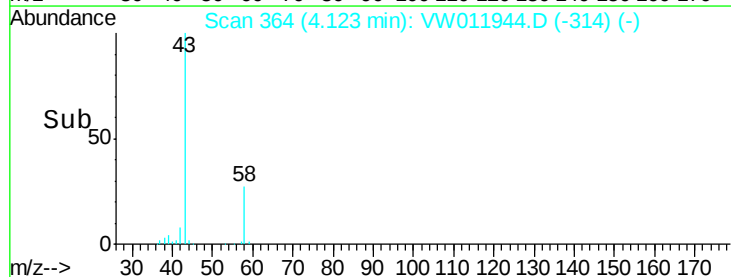
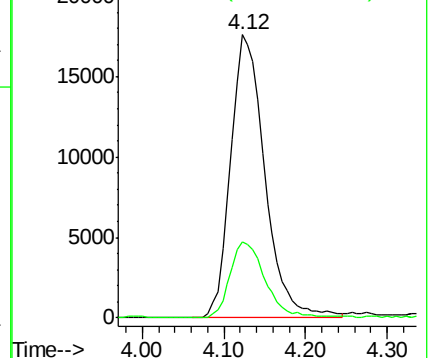
43 100

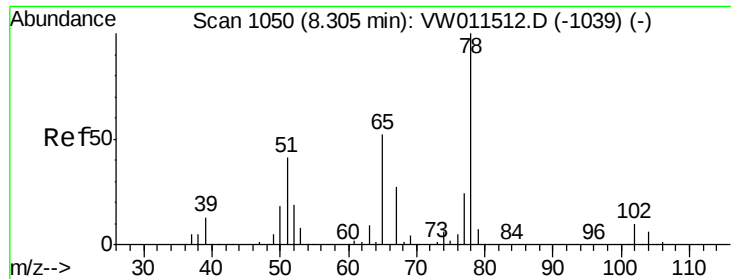
58 26.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

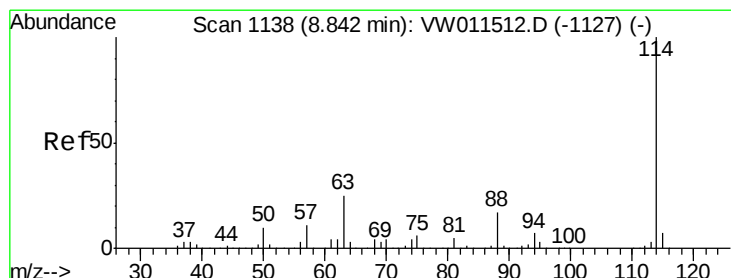
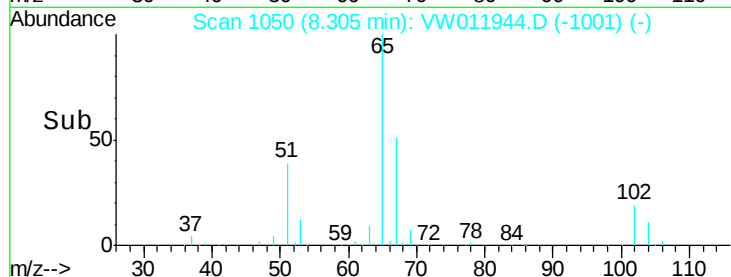
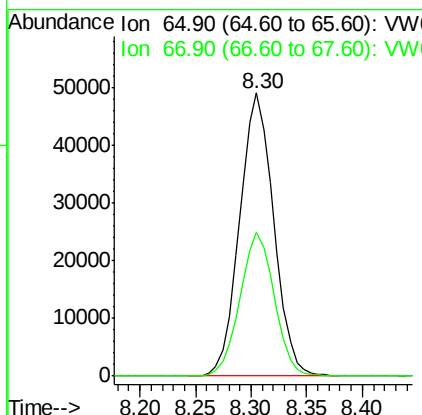
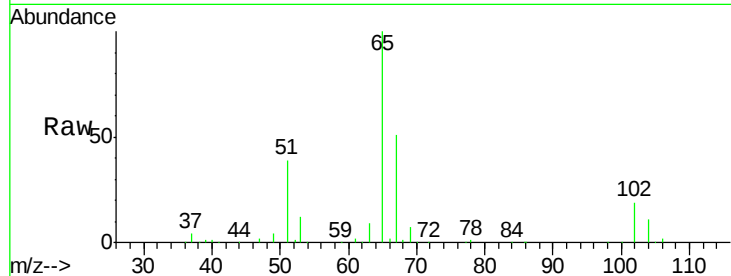




#33
 1,2-Dichloroethane-d4
 Concen: 53.378 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011944.D
 Acq: 15 Aug 2019 23:01

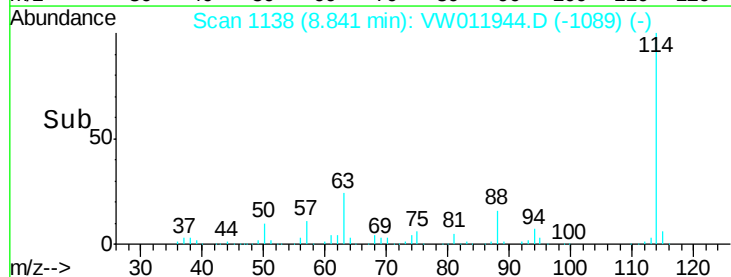
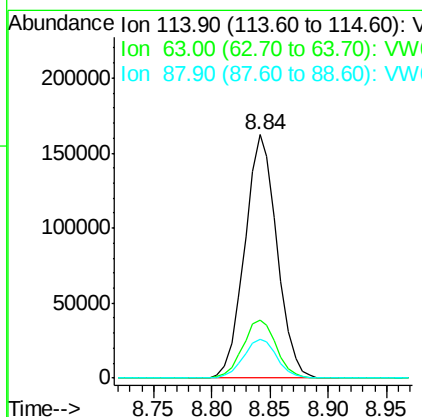
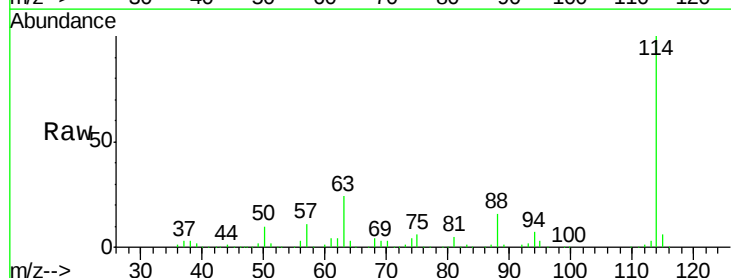
Instrument :
 MSVOA_W
 ClientSampleId :
 T8-A3-(4)

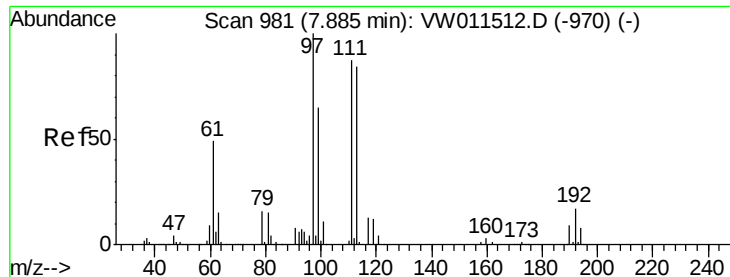
Tot Ion: 65 Resp: 104131
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011944.D
 Acq: 15 Aug 2019 23:01

Tgt Ion: 114 Resp: 312146
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 49.2
 88 16.2 0.0 33.8

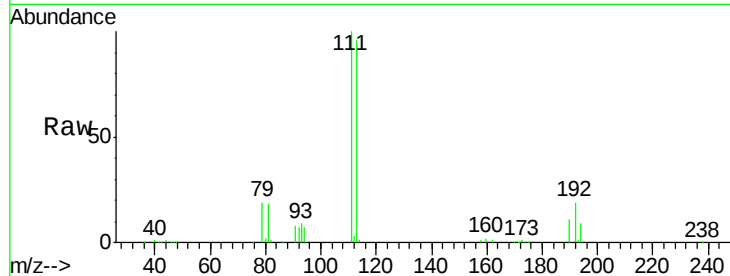




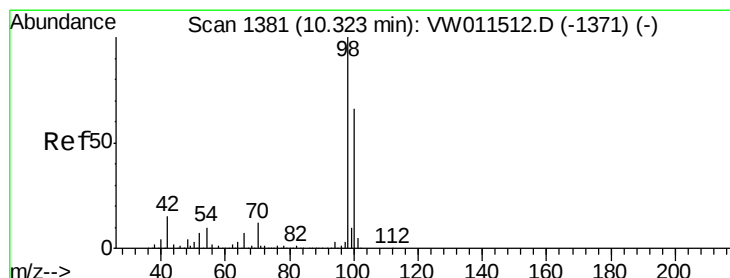
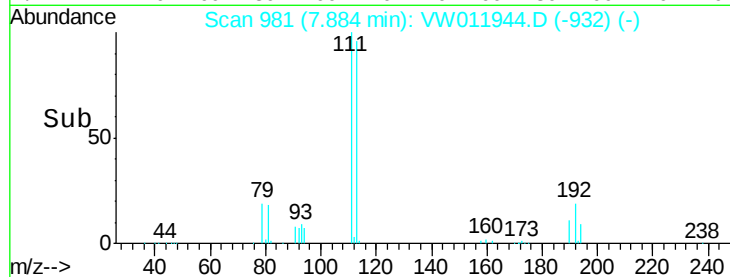
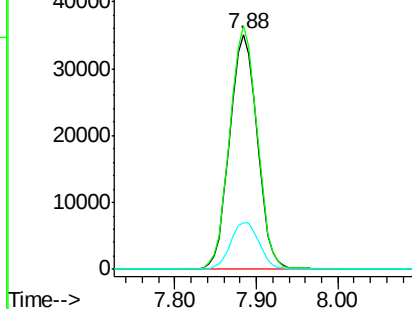
#35
 Dibromofluoromethane
 Concen: 46.960 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011944.D
 Acq: 15 Aug 2019 23:01

Instrument :
 MSVOA_W
 ClientSampleId :
 T8-A3-(4)

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.7	124.1
192	20.4	16.1	24.1

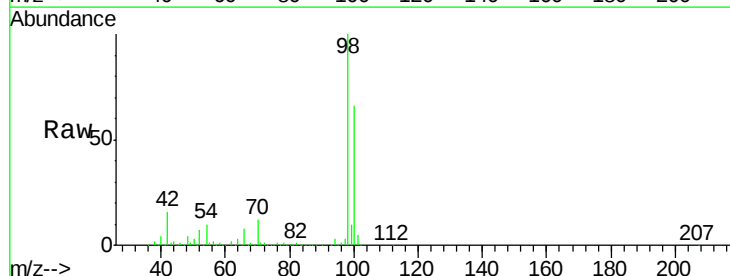


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

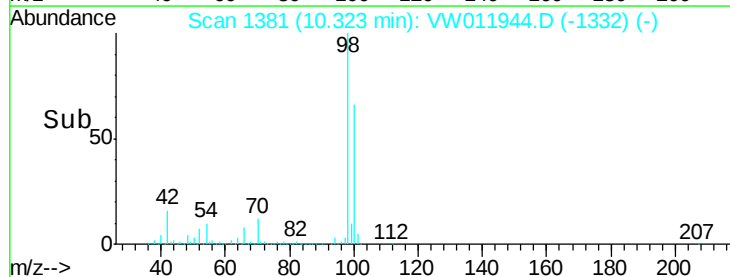
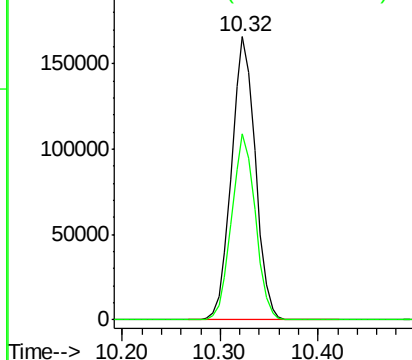


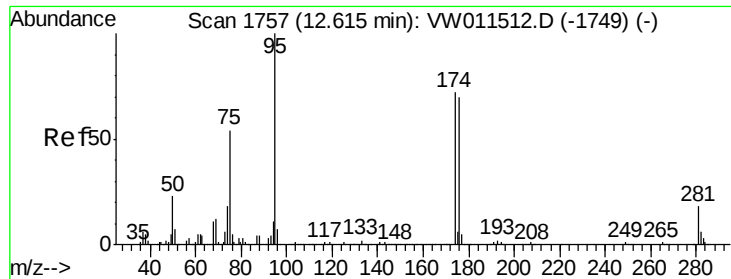
#50
 Toluene-d8
 Concen: 39.161 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW011944.D
 Acq: 15 Aug 2019 23:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.7	79.1



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW

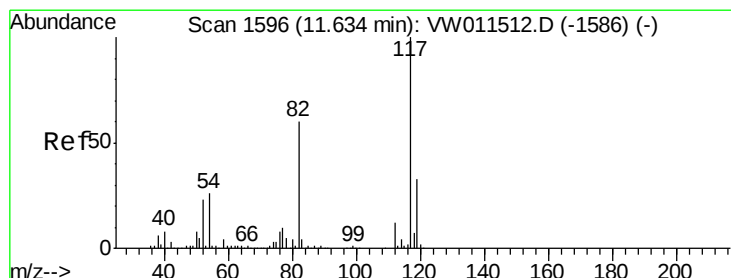
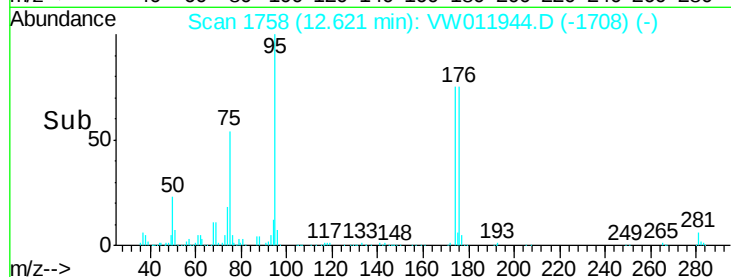
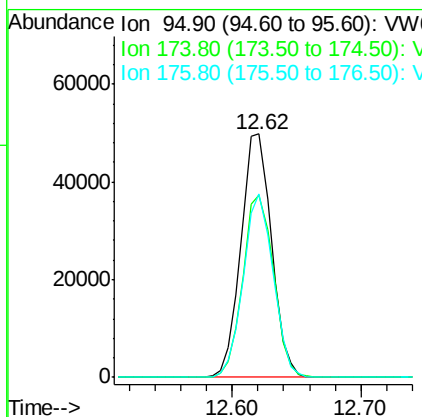
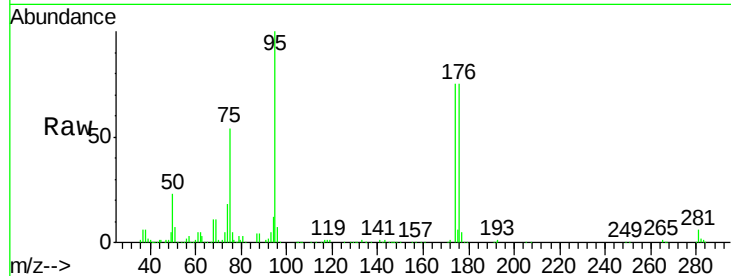




#62
4-Bromofluorobenzene
Concen: 32.038 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW011944.D
Acq: 15 Aug 2019 23:01

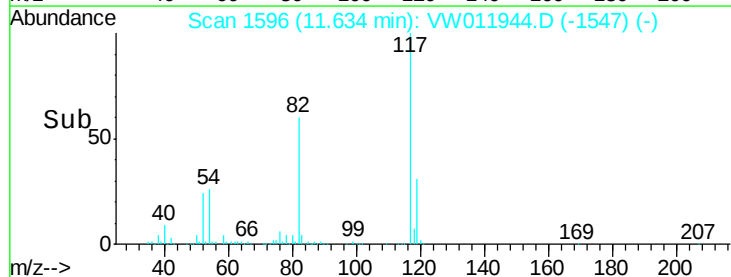
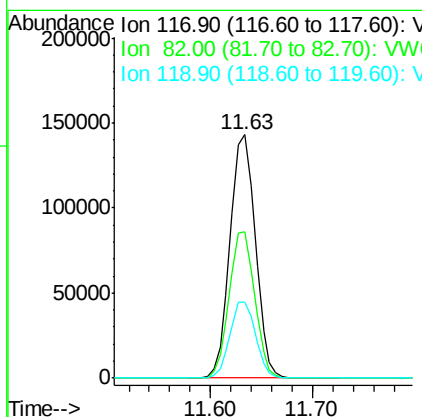
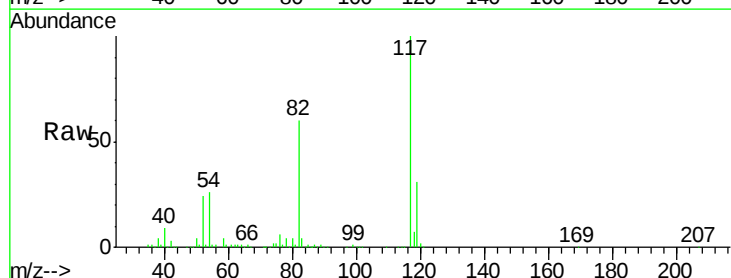
Instrument :
MSVOA_W
ClientSampleId :
T8-A3-(4)

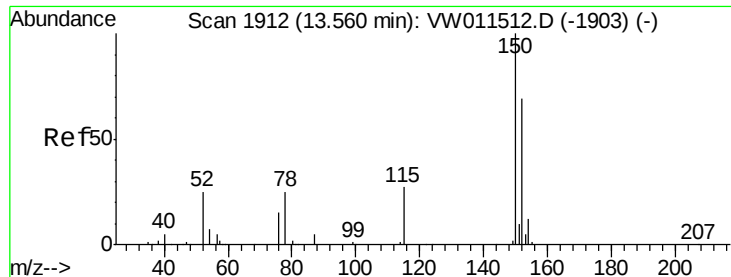
Tot Ion: 95 Resp: 81895
Ion Ratio Lower Upper
95 100
174 74.9 0.0 150.2
176 73.3 0.0 144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011944.D
Acq: 15 Aug 2019 23:01

Tgt Ion: 117 Resp: 245629
Ion Ratio Lower Upper
117 100
82 60.0 47.9 71.9
119 31.0 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011944.D

Acq: 15 Aug 2019 23:01

Instrument :

MSVOA_W

ClientSampleId :

T8-A3-(4)

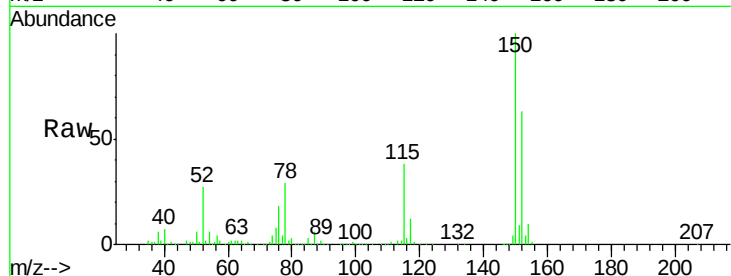
Tot Ion:152 Resp: 81666

Ion Ratio Lower Upper

152 100

115 61.6 30.5 91.5

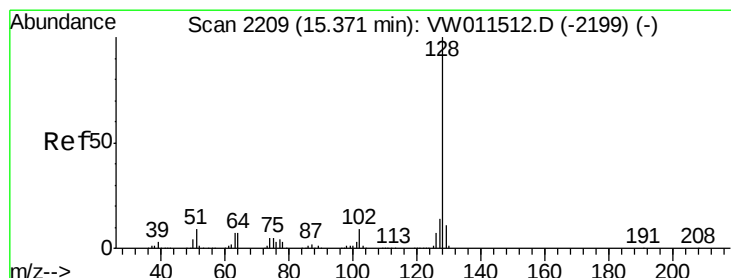
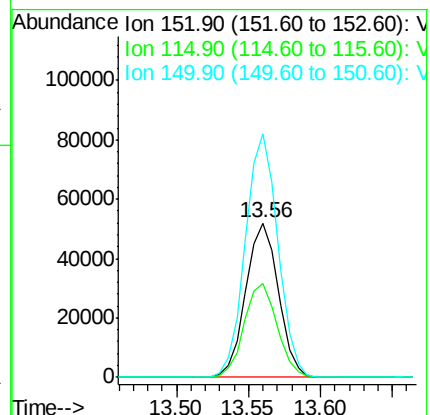
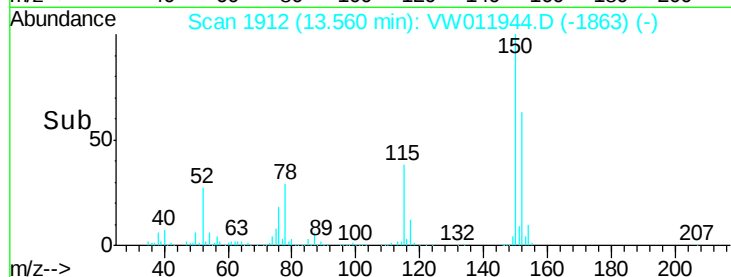
150 157.2 0.0 352.6



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



#95

Naphthalene

Concen: 7.592 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW011944.D

Acq: 15 Aug 2019 23:01

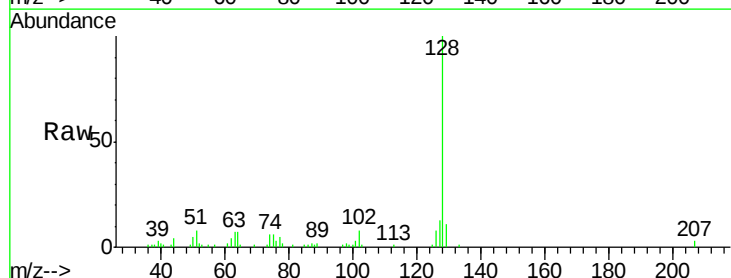
Tgt Ion:128 Resp: 18583

Ion Ratio Lower Upper

128 100

127 14.0 10.6 16.0

129 11.6 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

