

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081318\
 Data File : VW004611.D
 Acq On : 10 Aug 2018 21:16
 Operator : SY/AP
 Sample : J4282-01
 Misc : 6.57G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-02-080918-A

Quant Time: Aug 11 02:51:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	688353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1193197	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	984308	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	346517	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	374717	49.18	ug/l	0.00
Spiked Amount			Recovery	=	98.36%	
35) Dibromofluoromethane	7.88	113	347716	43.71	ug/l	0.00
Spiked Amount			Recovery	=	87.42%	
50) Toluene-d8	10.33	98	1203969	39.69	ug/l	0.00
Spiked Amount			Recovery	=	79.38%	
62) 4-Bromofluorobenzene	12.62	95	332781	30.46	ug/l	0.00
Spiked Amount			Recovery	=	60.92%	

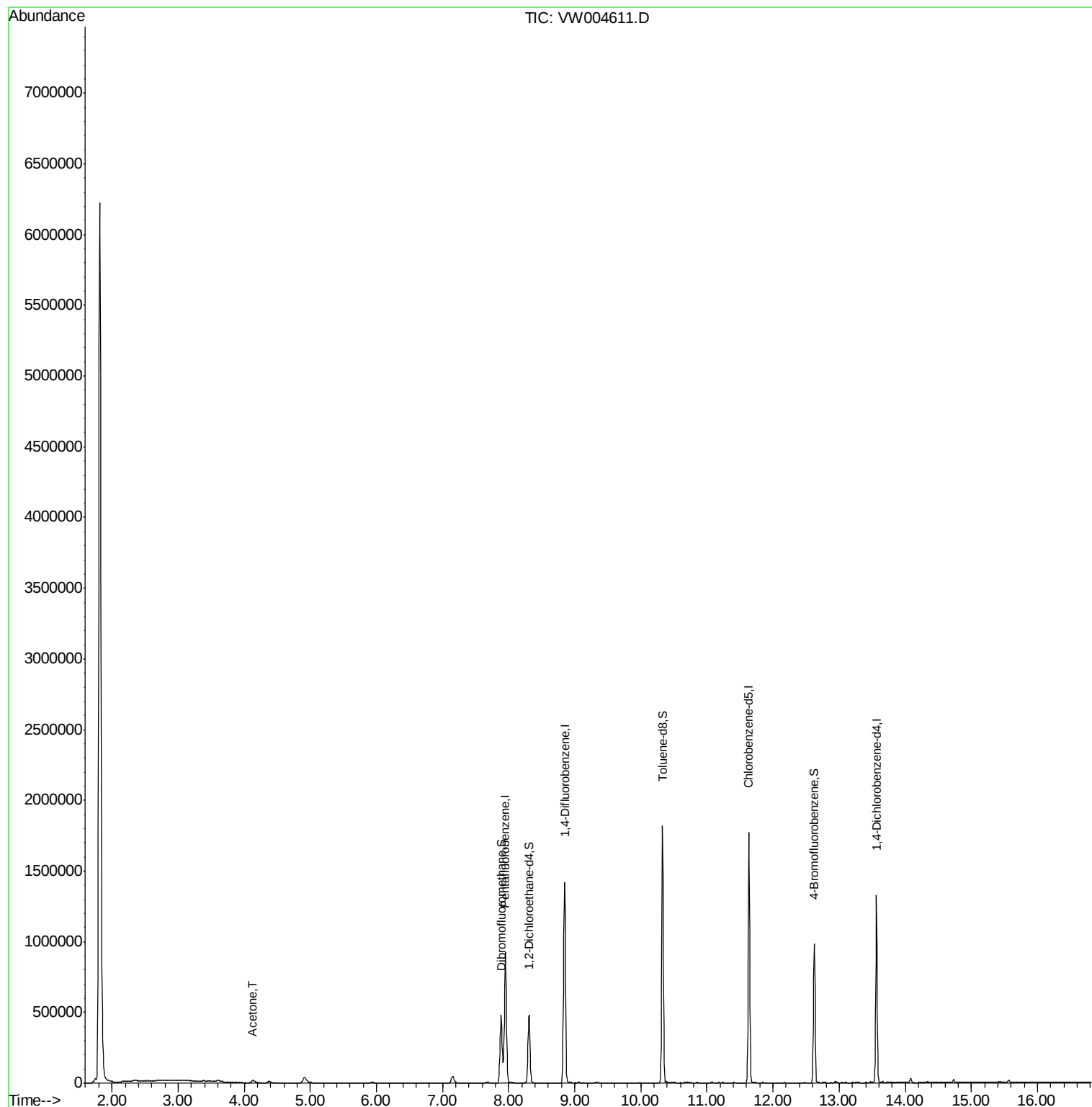
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	33482	17.59	ug/l	95

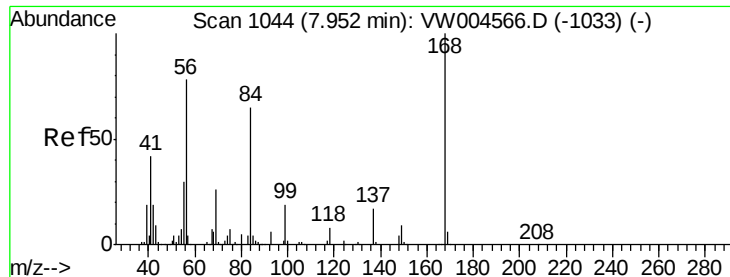
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004611.D

Acq: 10 Aug 2018 21:16

Instrument :

MSVOA_W

ClientSampleId :

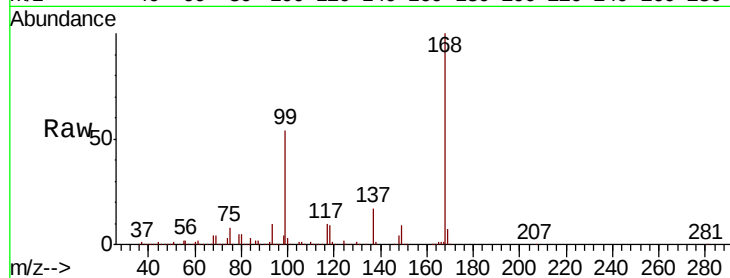
SU-02-080918-A

Tot Ion:168 Resp: 688353

Ion Ratio Lower Upper

168 100

99 53.7 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

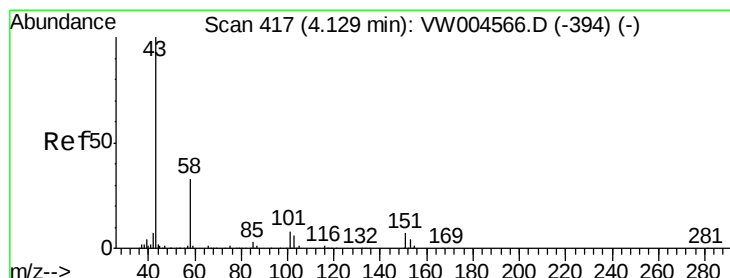
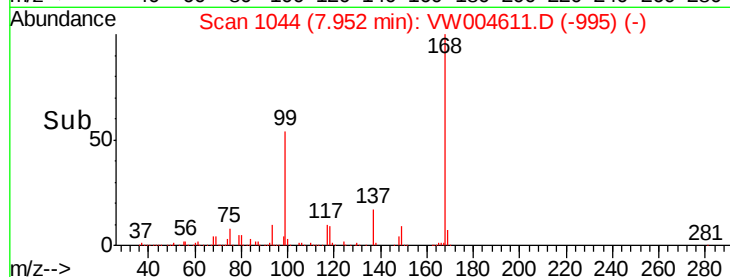
300000

200000

100000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 17.59 ug/l

RT: 4.13 min Scan# 417

Delta R.T. -0.01 min

Lab File: VW004611.D

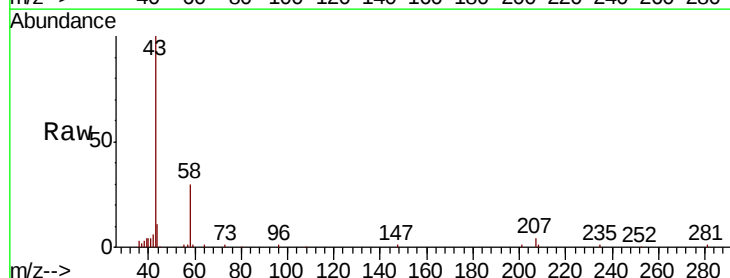
Acq: 10 Aug 2018 21:16

Tgt Ion: 43 Resp: 33482

Ion Ratio Lower Upper

43 100

58 30.5 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

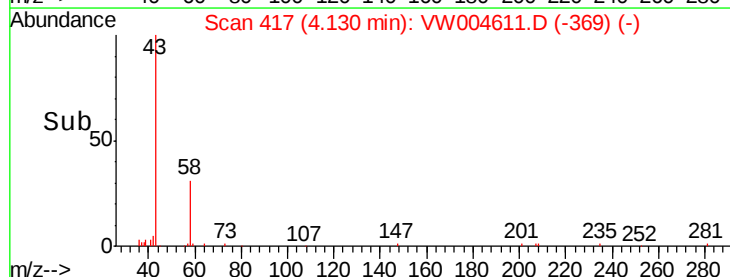
4.13

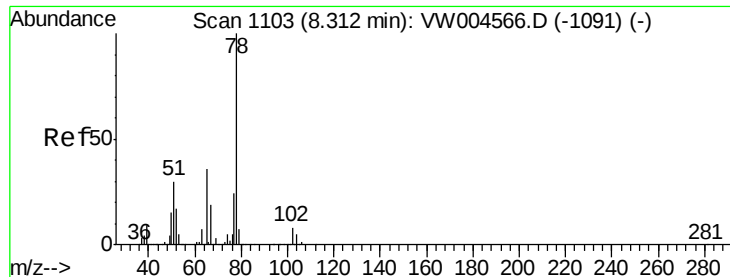
10000

5000

0

Time--> 4.00 4.10 4.20





#33

1,2-Dichloroethane-d4

Concen: 49.18 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004611.D

Acq: 10 Aug 2018 21:16

Instrument :

MSVOA_W

ClientSampleId :

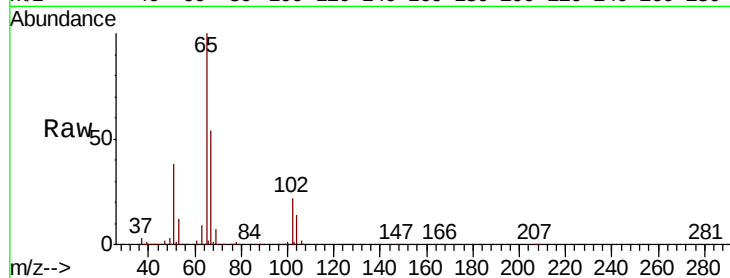
SU-02-080918-A

Tot Ion: 65 Resp: 374717

Ion Ratio Lower Upper

65 100

67 54.4 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

200000

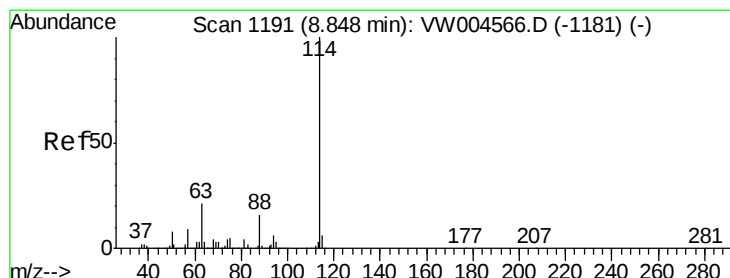
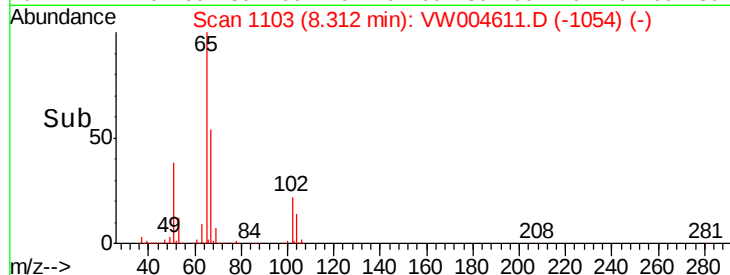
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004611.D

Acq: 10 Aug 2018 21:16

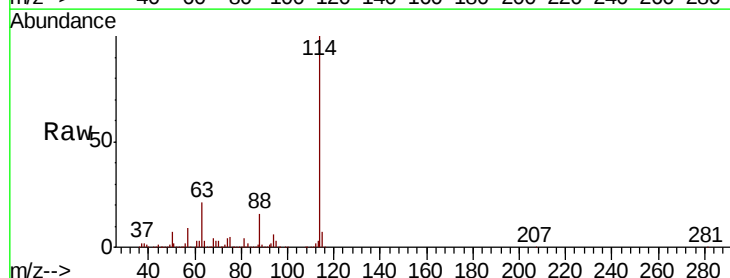
Tgt Ion: 114 Resp: 1193197

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.4

88 16.0 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

8.85

800000

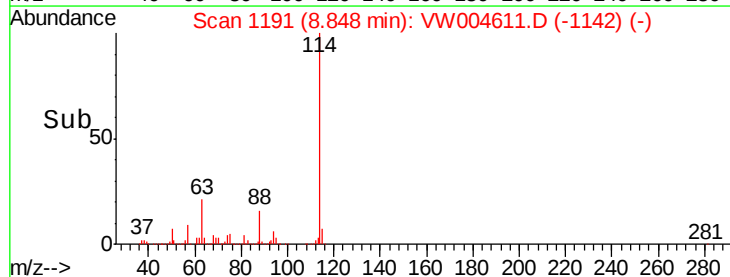
600000

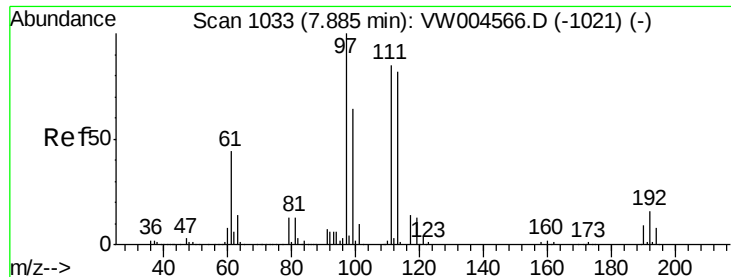
400000

200000

0

Time-->

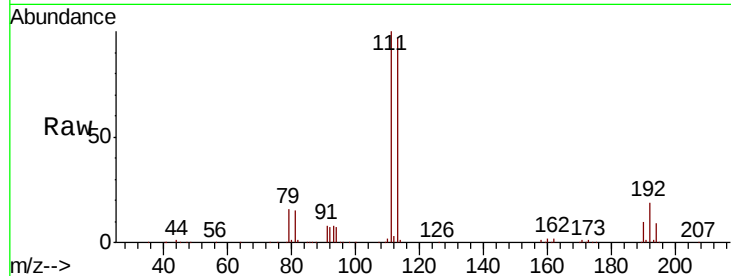




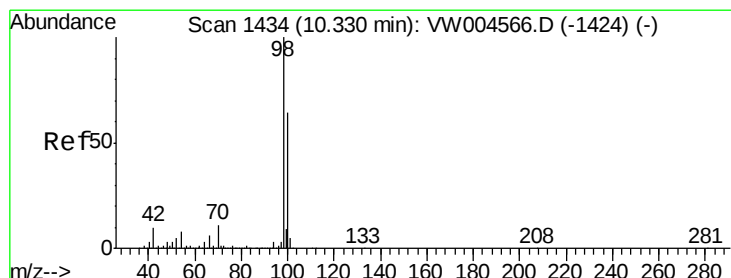
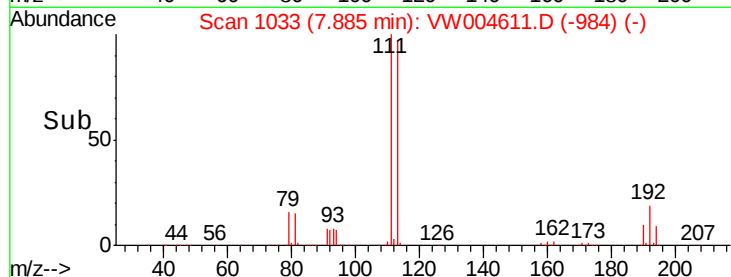
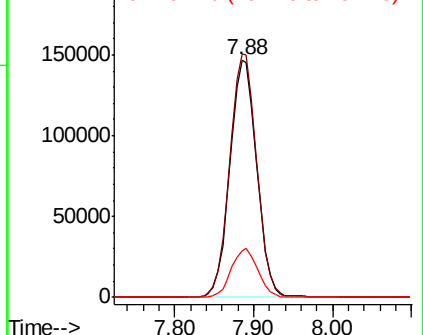
#35
 Dibromofluoromethane
 Concen: 43.71 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004611.D
 Acq: 10 Aug 2018 21:16

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-02-080918-A

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.9	124.3
192	20.3	15.8	23.6

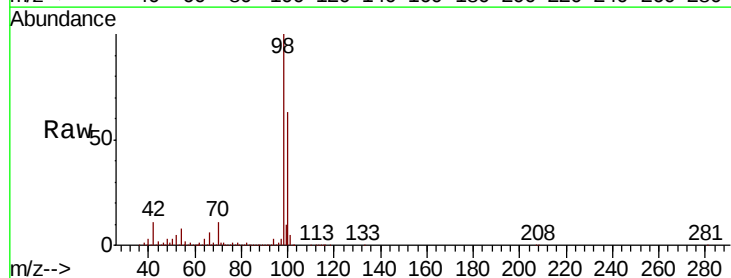


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

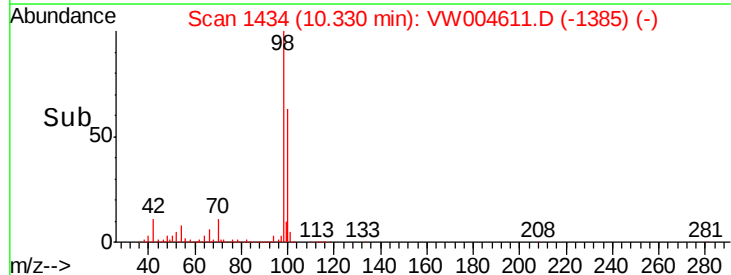
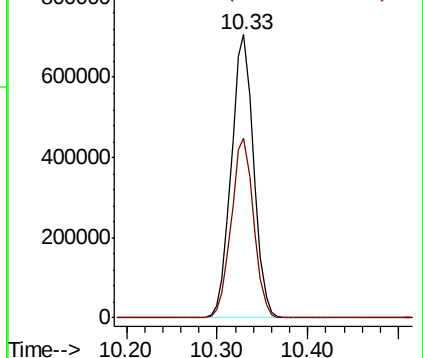


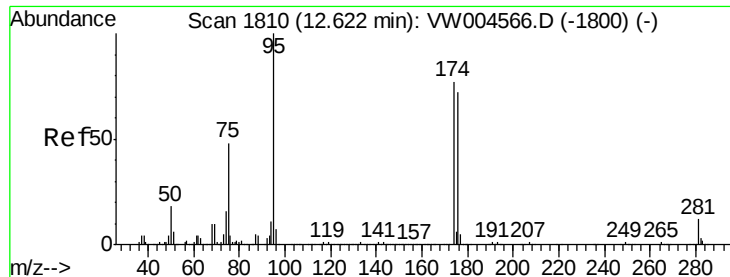
#50
 Toluene-d8
 Concen: 39.69 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW004611.D
 Acq: 10 Aug 2018 21:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.4	77.2



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

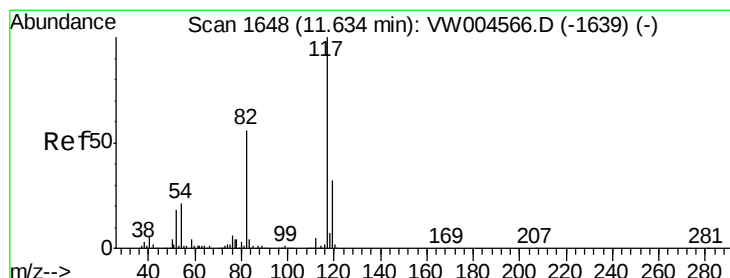
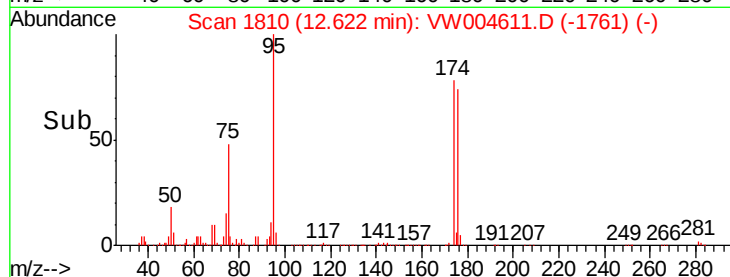
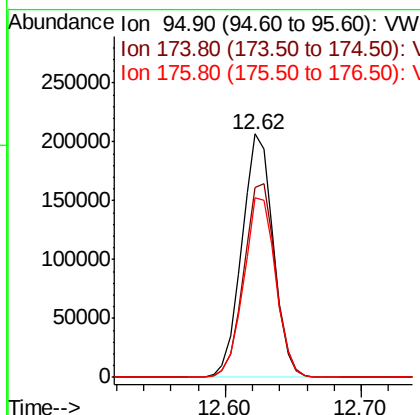
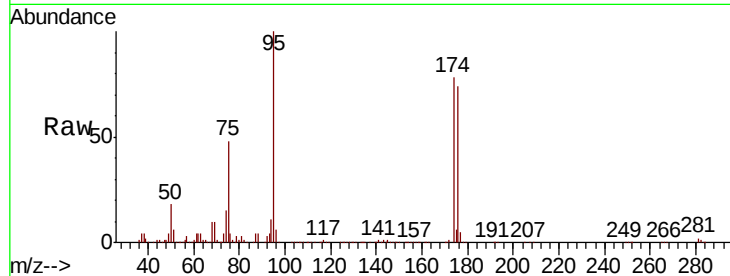




#62
4-Bromofluorobenzene
Concen: 30.46 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW004611.D
Acq: 10 Aug 2018 21:16

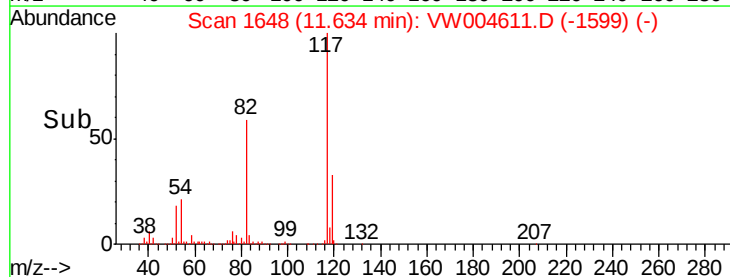
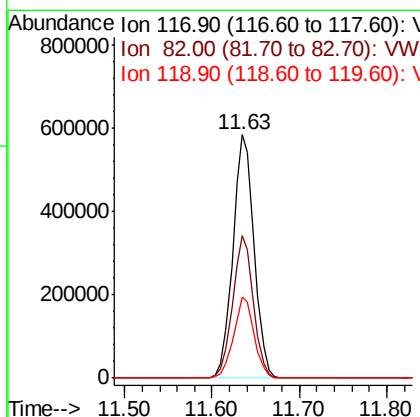
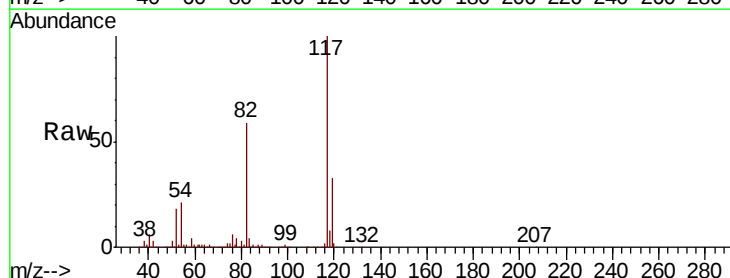
Instrument :
MSVOA_W
ClientSampleId :
SU-02-080918-A

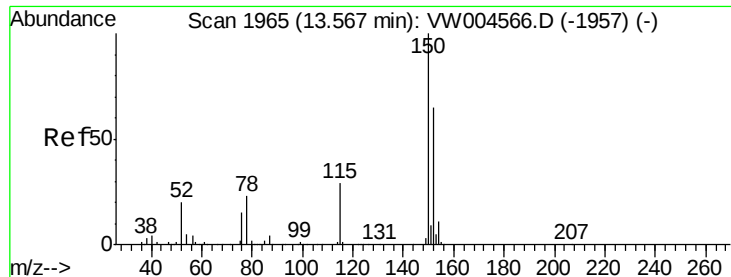
Tot Ion	95	Resp	332781
Ion Ratio	Lower	Upper	
95	100		
174	81.0	0.0	160.4
176	75.6	0.0	153.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004611.D
Acq: 10 Aug 2018 21:16

Tgt Ion	117	Resp	984308
Ion Ratio	Lower	Upper	
117	100		
82	58.5	45.3	67.9
119	33.4	26.2	39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004611.D

Acq: 10 Aug 2018 21:16

Instrument :

MSVOA_W

ClientSampleId :

SU-02-080918-A

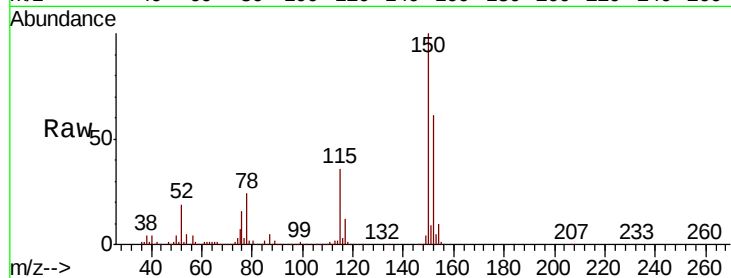
Tot Ion:152 Resp: 346517

Ion Ratio Lower Upper

152 100

115 58.0 29.1 87.3

150 159.4 0.0 349.6



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

