

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082118\
 Data File : VW004852.D
 Acq On : 21 Aug 2018 19:54
 Operator : SY/AP
 Sample : J4555-02
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-02-3.5-4.0

Quant Time: Aug 22 06:58:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	616866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	997304	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	809032	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	267045	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	362273	60.74	ug/l	0.00
Spiked Amount			Recovery	=	121.48%	
35) Dibromofluoromethane	7.89	113	347845	54.57	ug/l	0.00
Spiked Amount			Recovery	=	109.14%	
50) Toluene-d8	10.33	98	1174850	47.22	ug/l	0.00
Spiked Amount			Recovery	=	94.44%	
62) 4-Bromofluorobenzene	12.62	95	307533	34.36	ug/l	0.00
Spiked Amount			Recovery	=	68.72%	

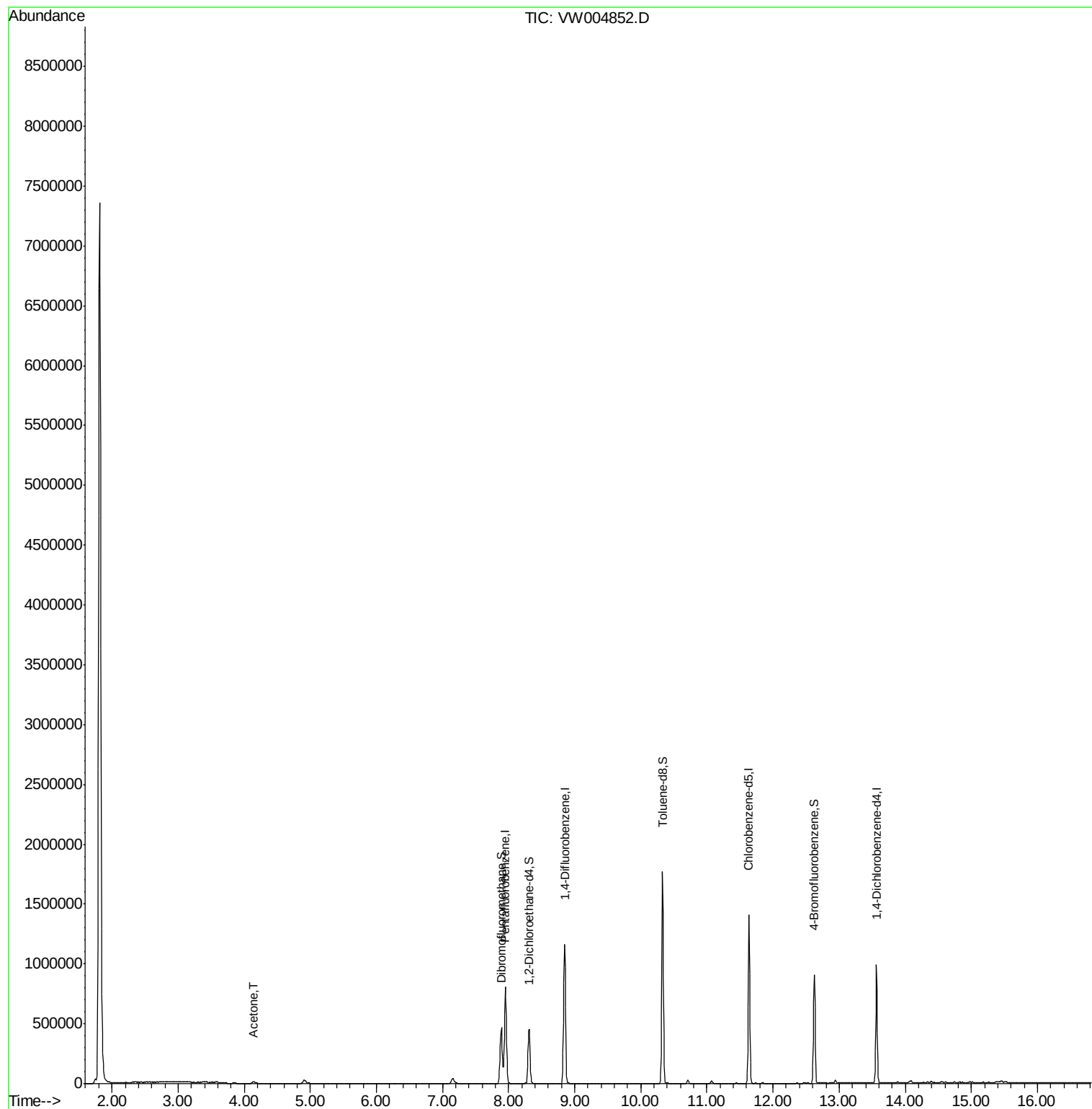
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	24580	16.15	ug/l	98

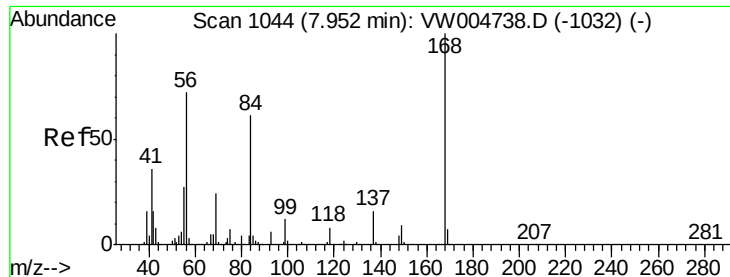
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW004852.D

Acq: 21 Aug 2018 19:54

Instrument :

MSVOA_W

ClientSampleId :

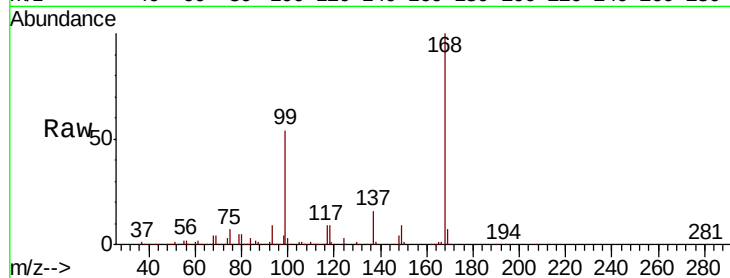
SB-02-3.5-4.0

Tot Ion:168 Resp: 616866

Ion Ratio Lower Upper

168 100

99 53.8 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

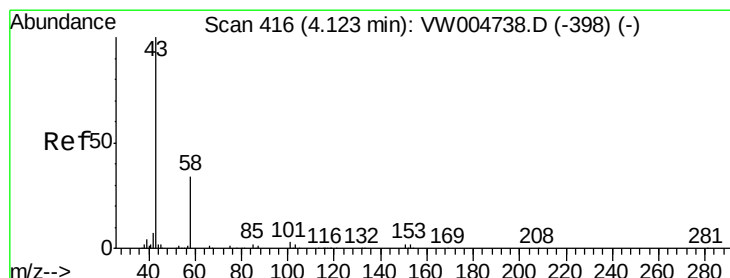
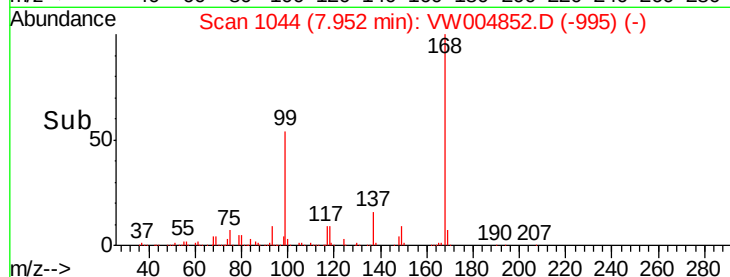
300000

200000

100000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 16.15 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.02 min

Lab File: VW004852.D

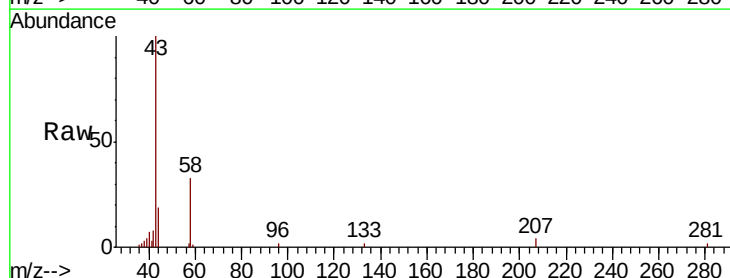
Acq: 21 Aug 2018 19:54

Tgt Ion: 43 Resp: 24580

Ion Ratio Lower Upper

43 100

58 33.0 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

8000

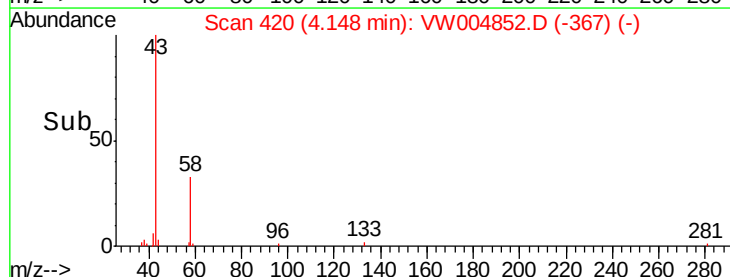
6000

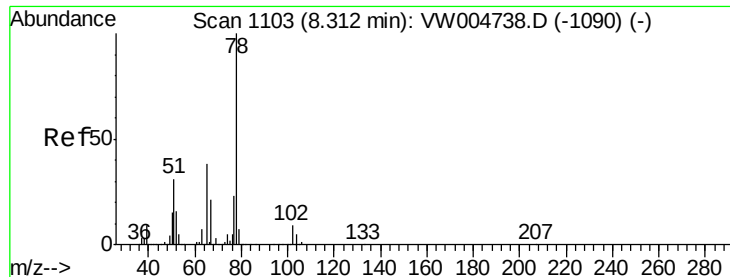
4000

2000

0

Time--> 4.00 4.10 4.20





#33

1,2-Dichloroethane-d4

Concen: 60.74 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004852.D

Acq: 21 Aug 2018 19:54

Instrument :

MSVOA_W

ClientSampleId :

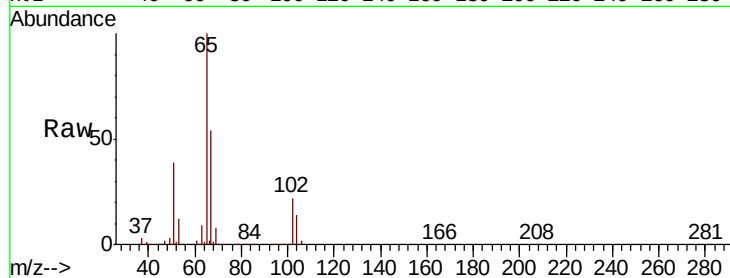
SB-02-3.5-4.0

Tot Ion: 65 Resp: 362273

Ion Ratio Lower Upper

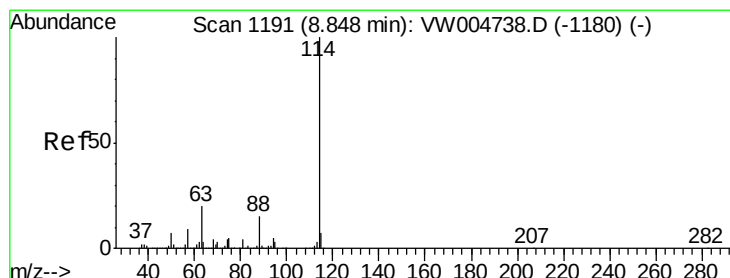
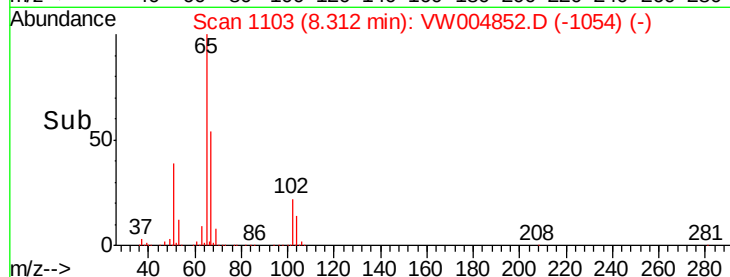
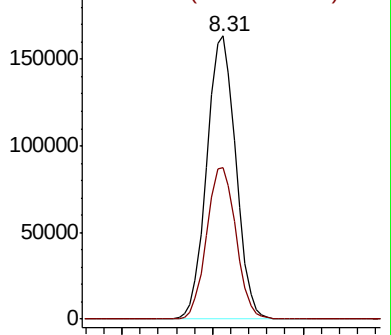
65 100

67 54.2 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004852.D

Acq: 21 Aug 2018 19:54

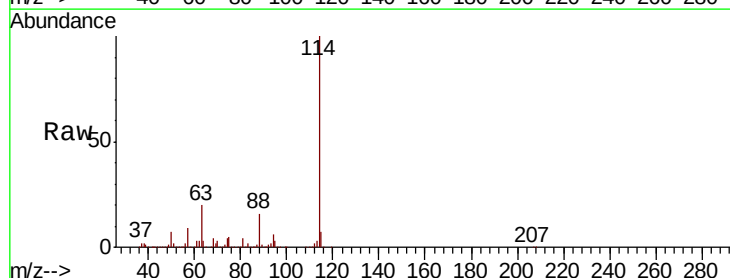
Tgt Ion: 114 Resp: 997304

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.0

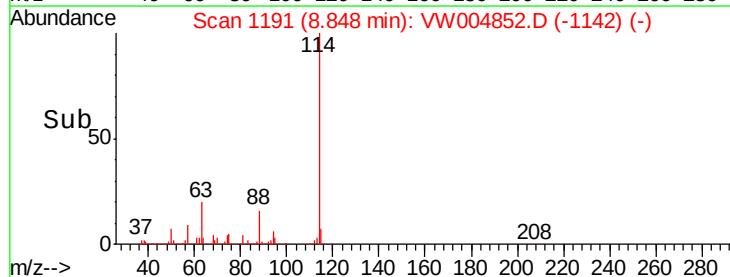
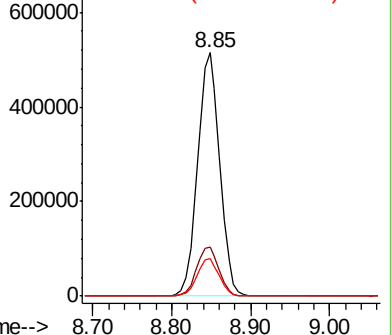
88 15.6 0.0 30.0

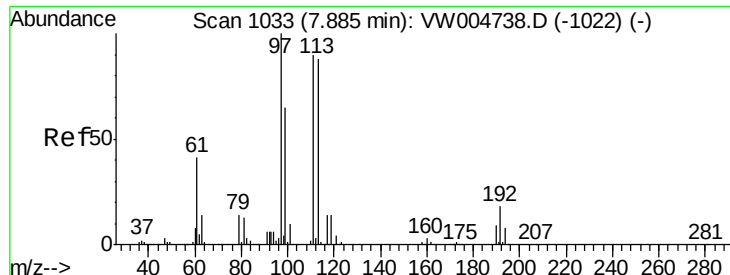


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

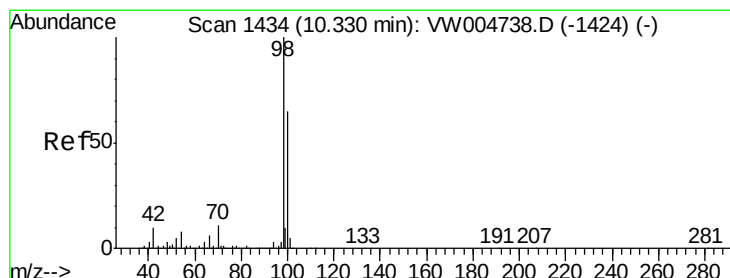
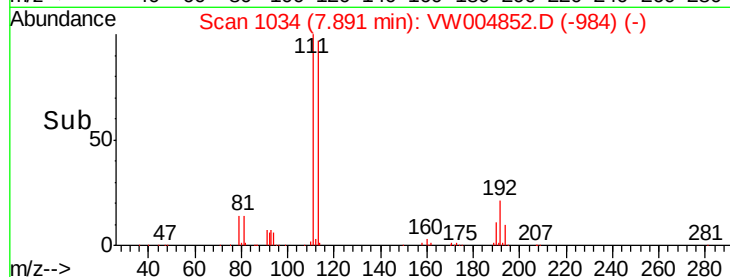
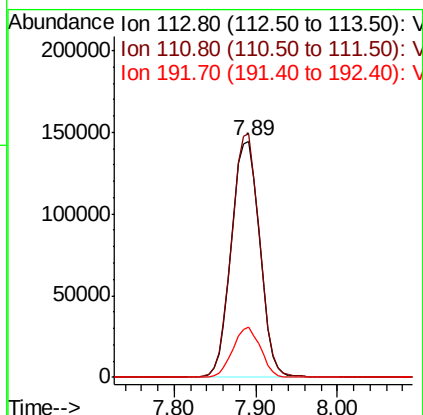
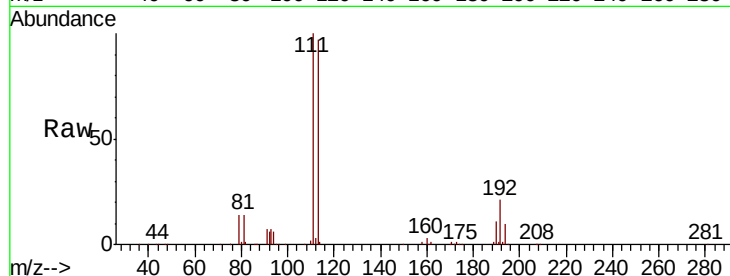




#35
 Dibromofluoromethane
 Concen: 54.57 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004852.D
 Acq: 21 Aug 2018 19:54

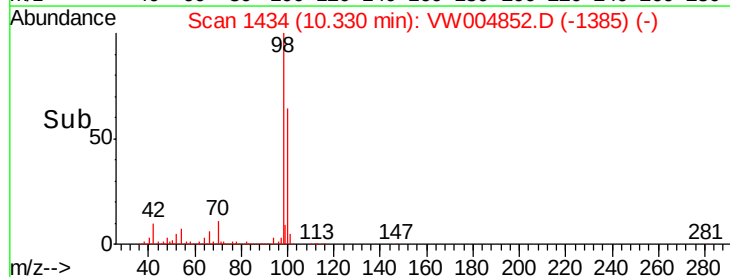
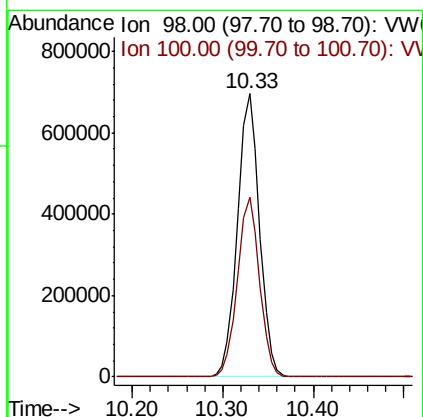
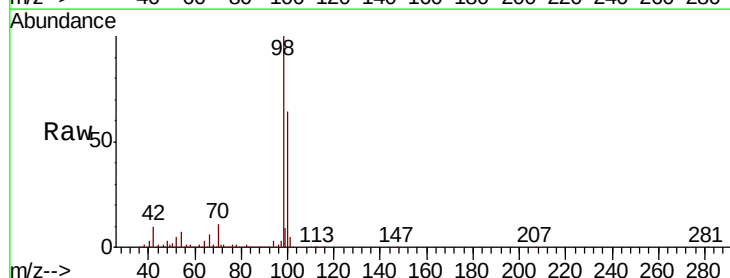
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-02-3.5-4.0

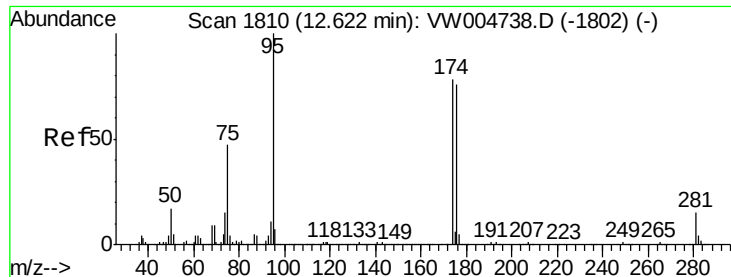
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.4	123.6
192	20.7	16.7	25.1



#50
 Toluene-d8
 Concen: 47.22 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW004852.D
 Acq: 21 Aug 2018 19:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.8	77.8

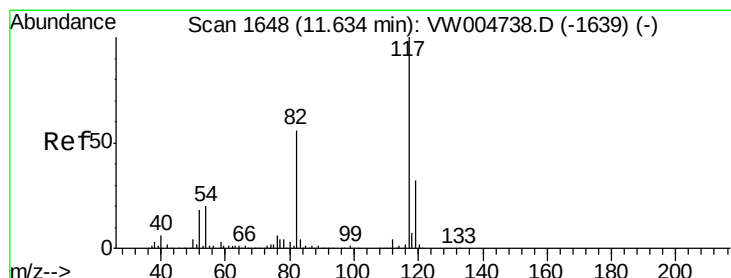
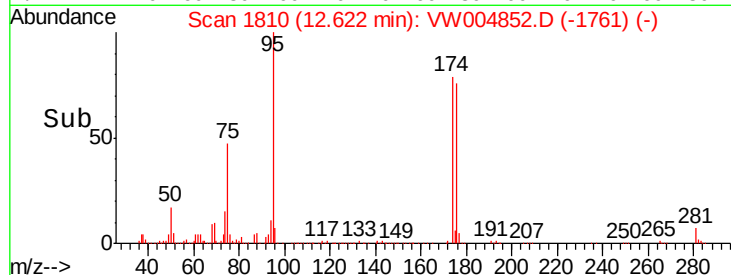
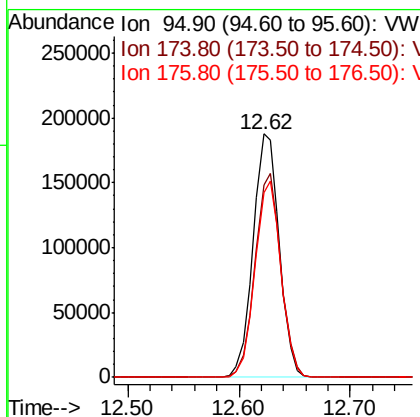
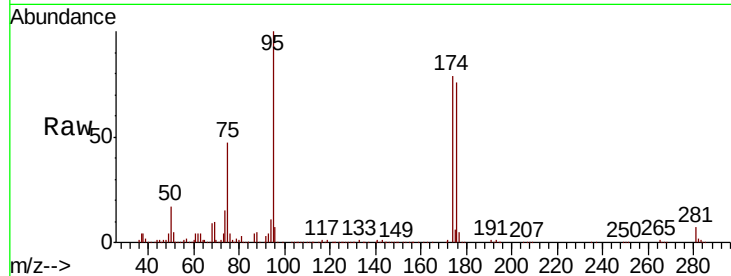




#62
4-Bromofluorobenzene
Concen: 34.36 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW004852.D
Acq: 21 Aug 2018 19:54

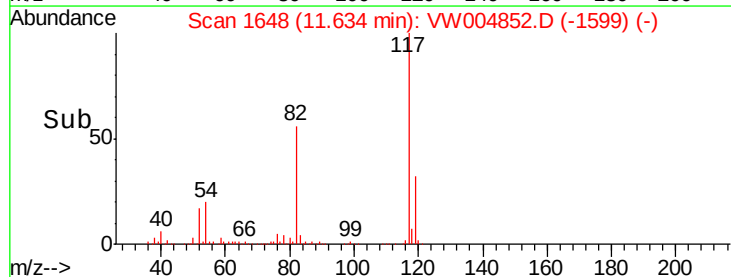
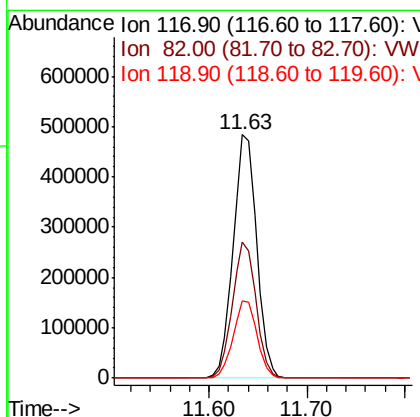
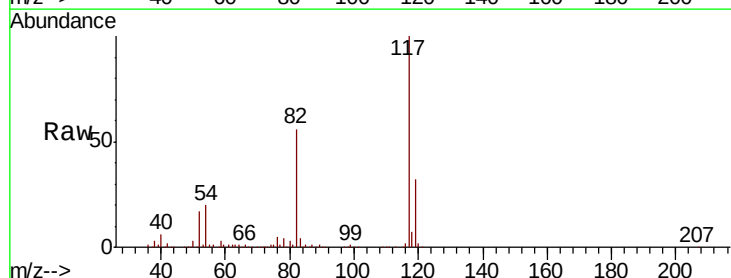
Instrument :
MSVOA_W
ClientSampleId :
SB-02-3.5-4.0

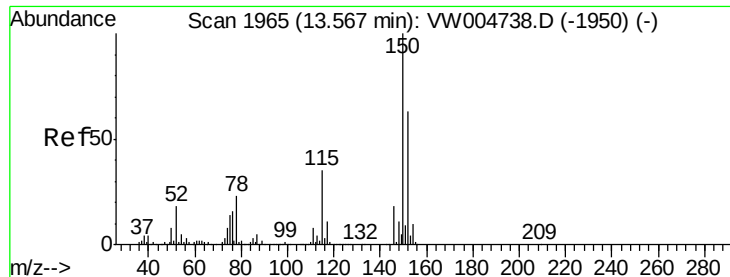
Tot Ion	95	Resp	307533
Ion Ratio	Lower	Upper	
95	100		
174	82.5	0.0	165.8
176	79.9	0.0	159.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004852.D
Acq: 21 Aug 2018 19:54

Tgt Ion	117	Resp	809032
Ion Ratio	Lower	Upper	
117	100		
82	56.1	44.6	67.0
119	31.6	25.6	38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004852.D

Acq: 21 Aug 2018 19:54

Instrument :

MSVOA_W

ClientSampleId :

SB-02-3.5-4.0

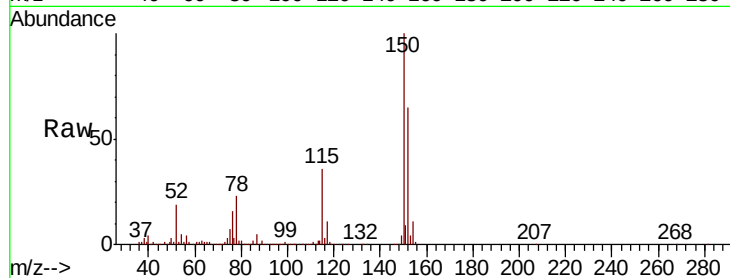
Tot Ion:152 Resp: 267045

Ion Ratio Lower Upper

152 100

115 57.1 28.5 85.5

150 155.7 0.0 344.8



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

