

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082118\
 Data File : VW004853.D
 Acq On : 21 Aug 2018 20:19
 Operator : SY/AP
 Sample : J4555-03
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01-COMP

Quant Time: Aug 22 06:59:54 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	397856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	623264	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	513451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	162446	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	231366	60.15	ug/l	0.00
Spiked Amount			Recovery	=	120.30%	
35) Dibromofluoromethane	7.88	113	221516	55.61	ug/l	0.00
Spiked Amount			Recovery	=	111.22%	
50) Toluene-d8	10.33	98	731910	47.07	ug/l	0.00
Spiked Amount			Recovery	=	94.14%	
62) 4-Bromofluorobenzene	12.62	95	184650	33.01	ug/l	0.00
Spiked Amount			Recovery	=	66.02%	

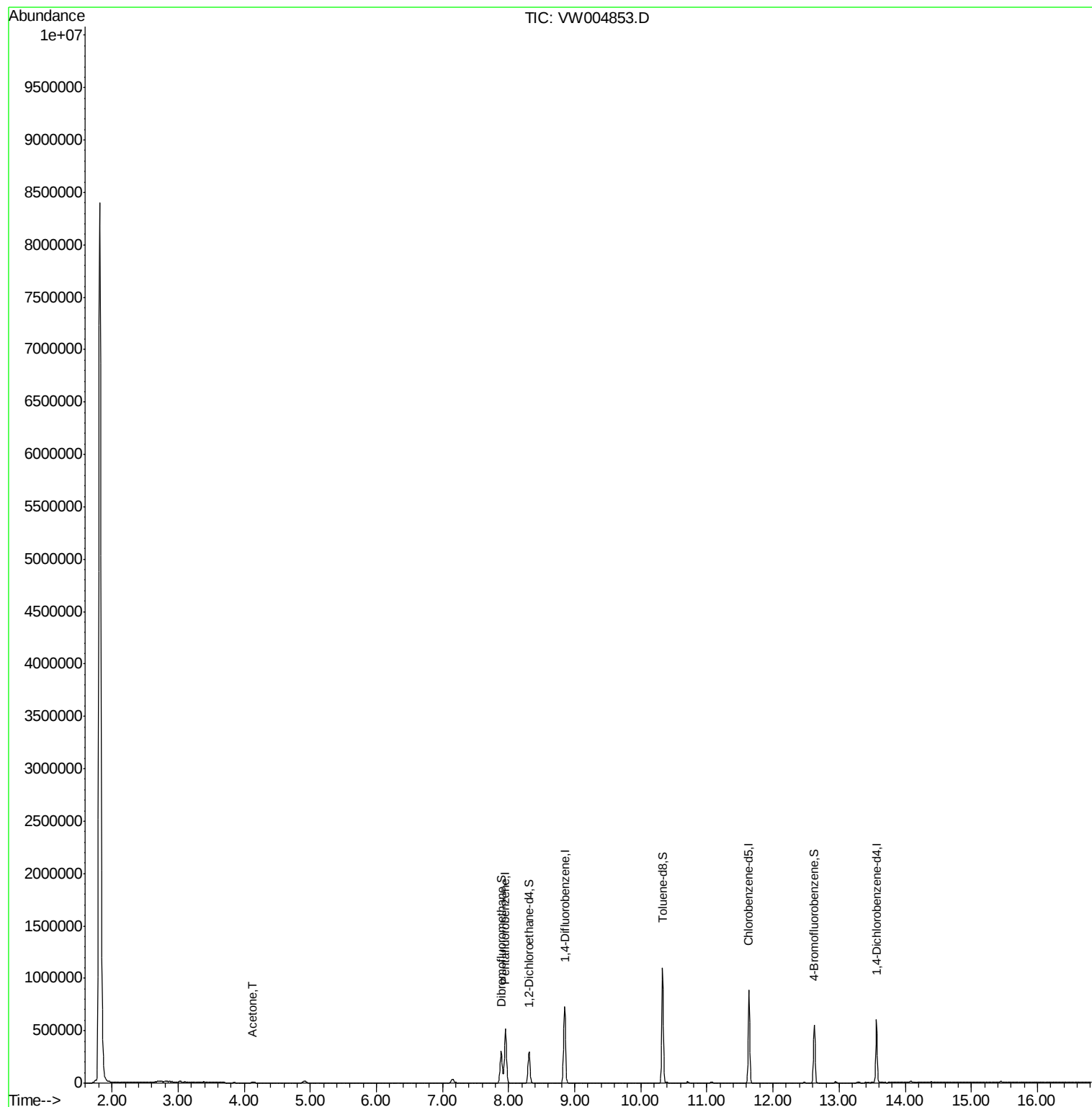
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	21898	22.30	ug/l	98

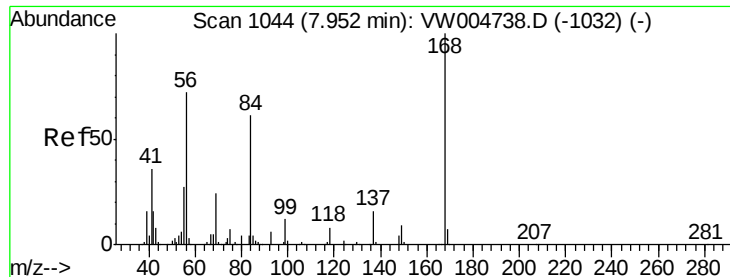
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW004853.D

Acq: 21 Aug 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

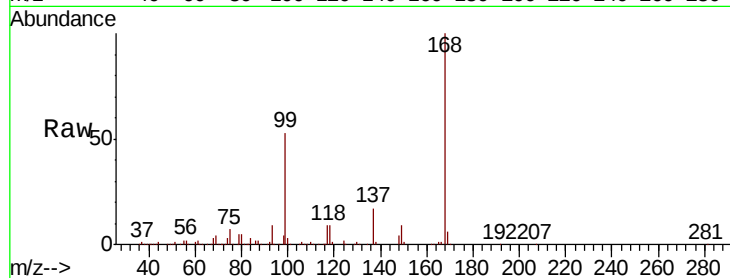
SB-01-COMP

Tot Ion:168 Resp: 397856

Ion Ratio Lower Upper

168 100

99 53.2 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

200000

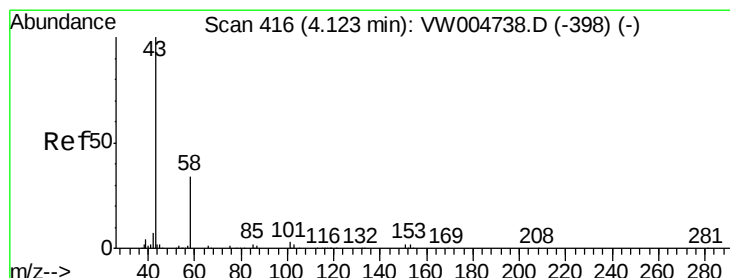
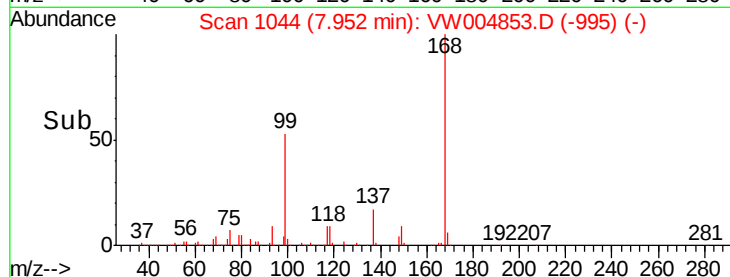
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 22.30 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW004853.D

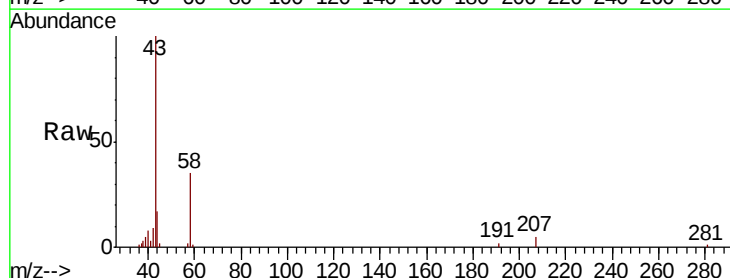
Acq: 21 Aug 2018 20:19

Tgt Ion: 43 Resp: 21898

Ion Ratio Lower Upper

43 100

58 35.1 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

8000

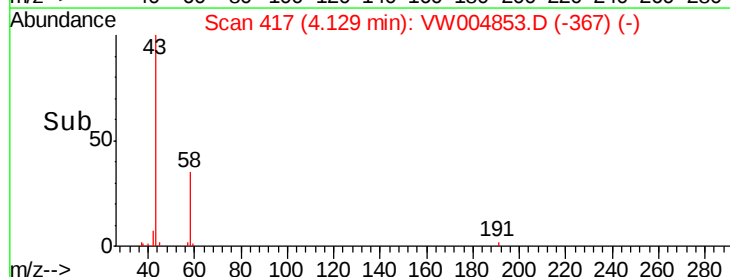
6000

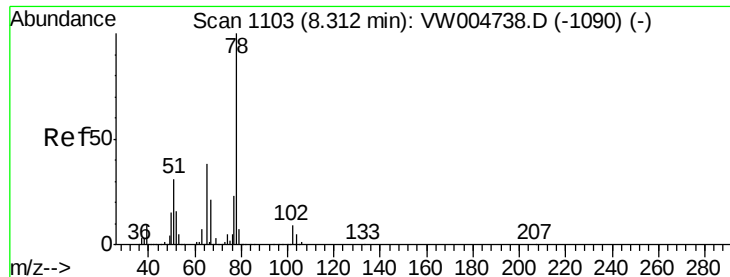
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 60.15 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW004853.D

Acq: 21 Aug 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

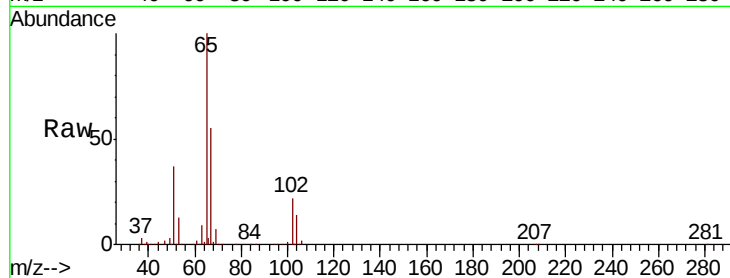
SB-01-COMP

Tot Ion: 65 Resp: 231366

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

120000

100000

80000

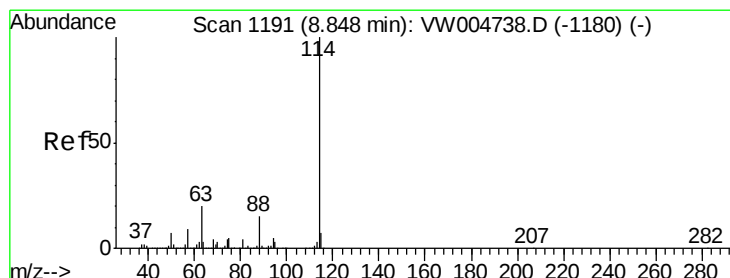
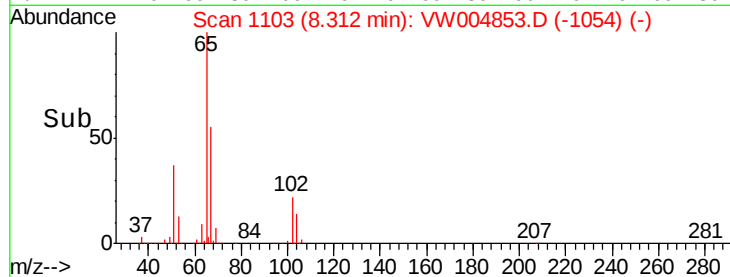
60000

40000

20000

0

Time--> 8.20 8.30 8.40



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW004853.D

Acq: 21 Aug 2018 20:19

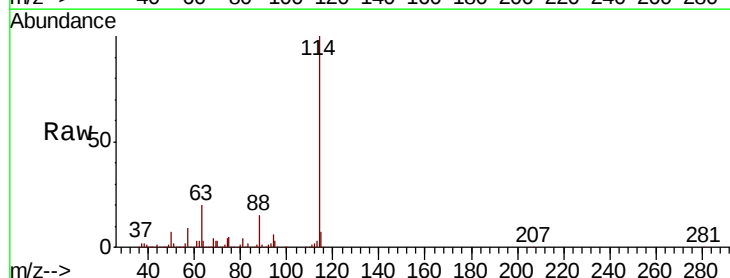
Tgt Ion: 114 Resp: 623264

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.0

88 15.4 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

8.85

400000

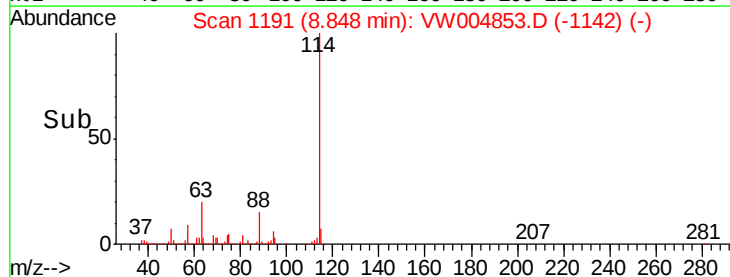
300000

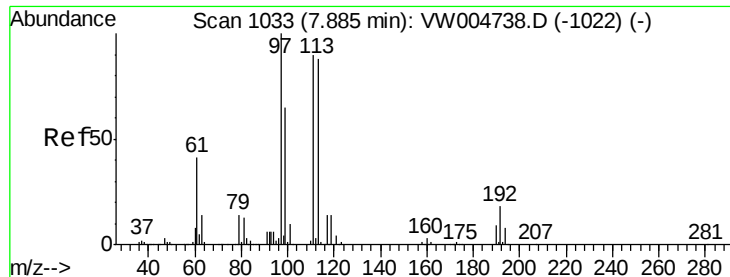
200000

100000

0

Time--> 8.70 8.80 8.90 9.00

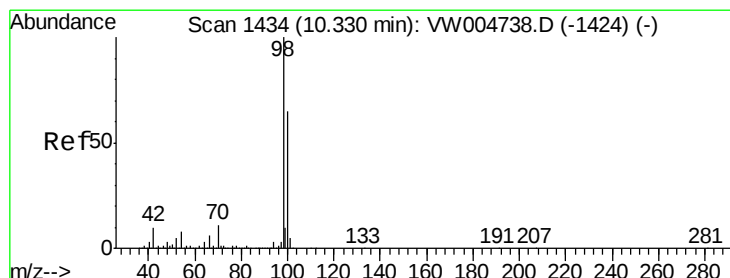
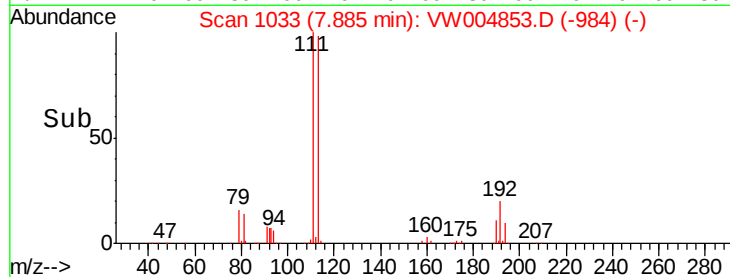
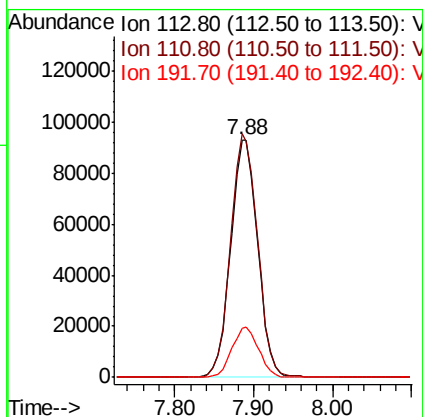
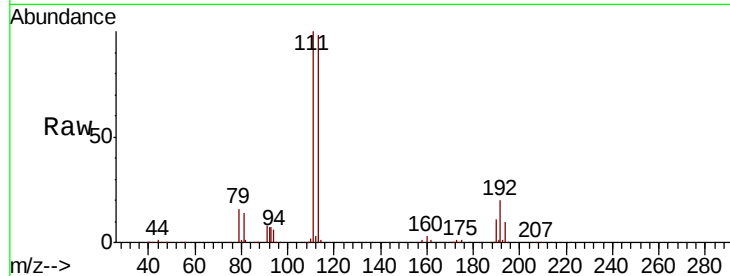




#35
Dibromofluoromethane
Concen: 55.61 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. -0.00 min
Lab File: VW004853.D
Acq: 21 Aug 2018 20:19

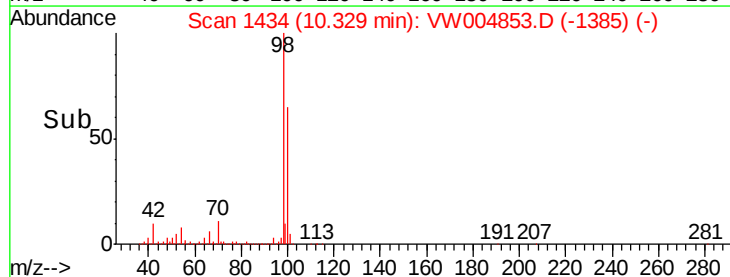
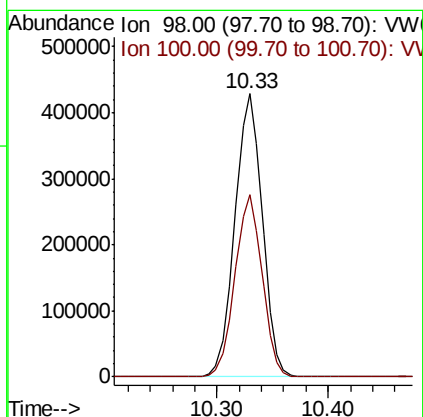
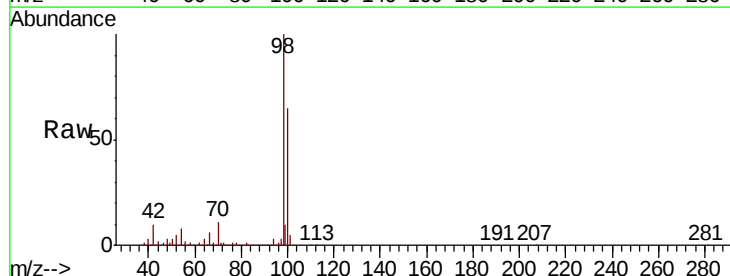
Instrument :
MSVOA_W
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SB-01-COMP

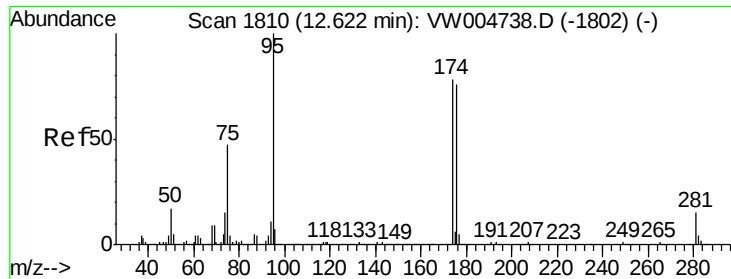
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.4	123.6
192	20.8	16.7	25.1



#50
Toluene-d8
Concen: 47.07 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004853.D
Acq: 21 Aug 2018 20:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.8	77.8

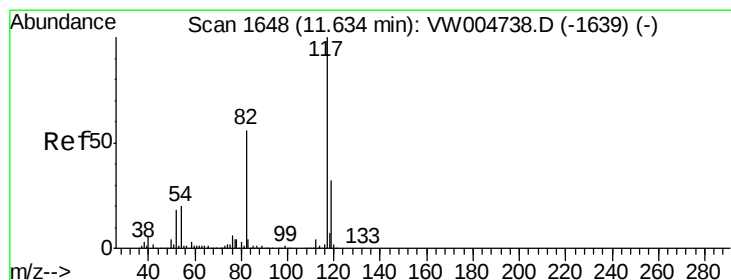
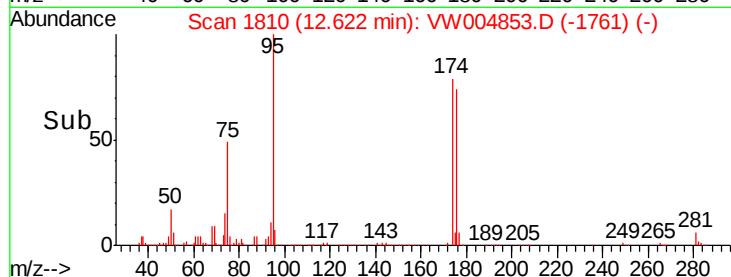
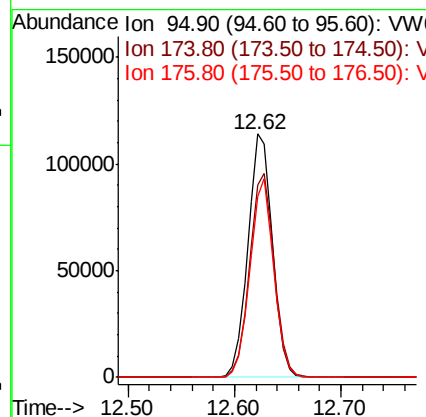
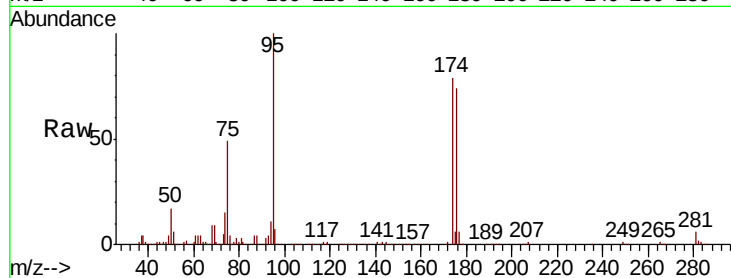




#62
4-Bromofluorobenzene
Concen: 33.01 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW004853.D
Acq: 21 Aug 2018 20:19

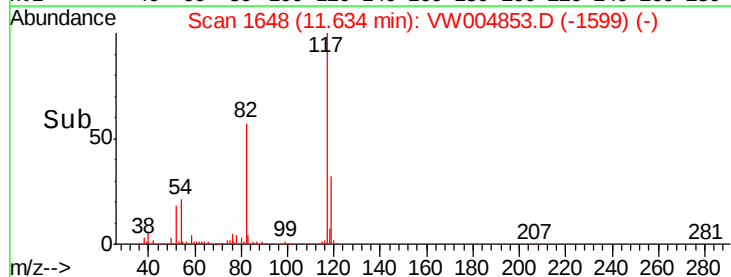
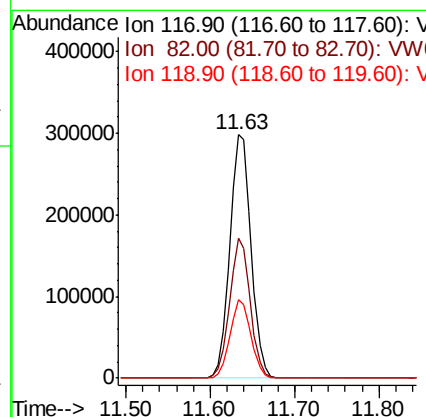
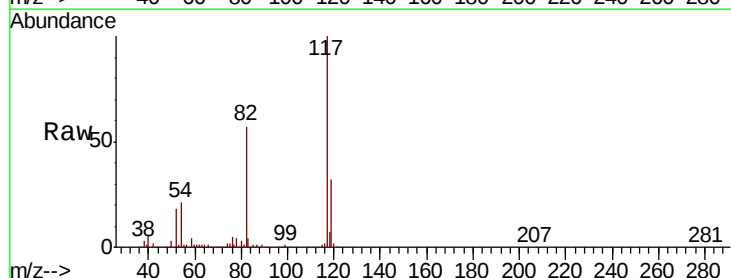
Instrument :
MSVOA_W
ClientSampleId :
SB-01-COMP

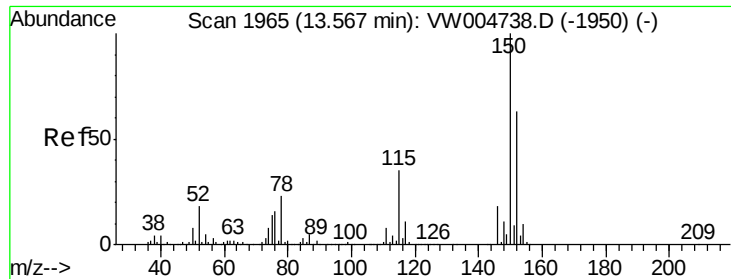
Tot Ion	Ratio	Lower	Upper
95	100		
174	84.0	0.0	165.8
176	79.2	0.0	159.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004853.D
Acq: 21 Aug 2018 20:19

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.4	44.6	67.0
119	32.3	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: VW004853.D

Acq: 21 Aug 2018 20:19

Instrument :

MSVOA_W

ClientSampleId :

SB-01-COMP

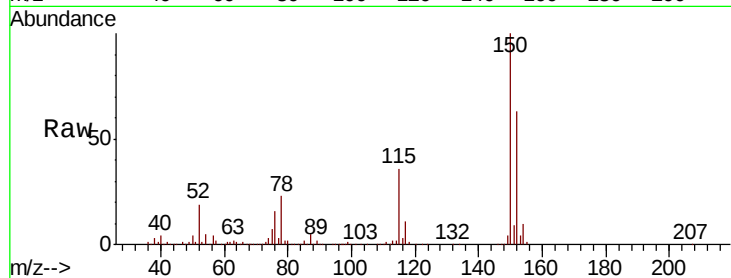
Tot Ion:152 Resp: 162446

Ion Ratio Lower Upper

152 100

115 57.8 28.5 85.5

150 157.9 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

