

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082118\
 Data File : VW004851.D
 Acq On : 21 Aug 2018 19:28
 Operator : SY/AP
 Sample : J4555-01
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01-3.5-4.0

Quant Time: Aug 22 06:57:02 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	583119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	973417	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	859707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	334097	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	310971	55.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.32%	
35) Dibromofluoromethane	7.88	113	316757	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
50) Toluene-d8	10.33	98	1124638	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	
62) 4-Bromofluorobenzene	12.62	95	331190	37.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.82%	

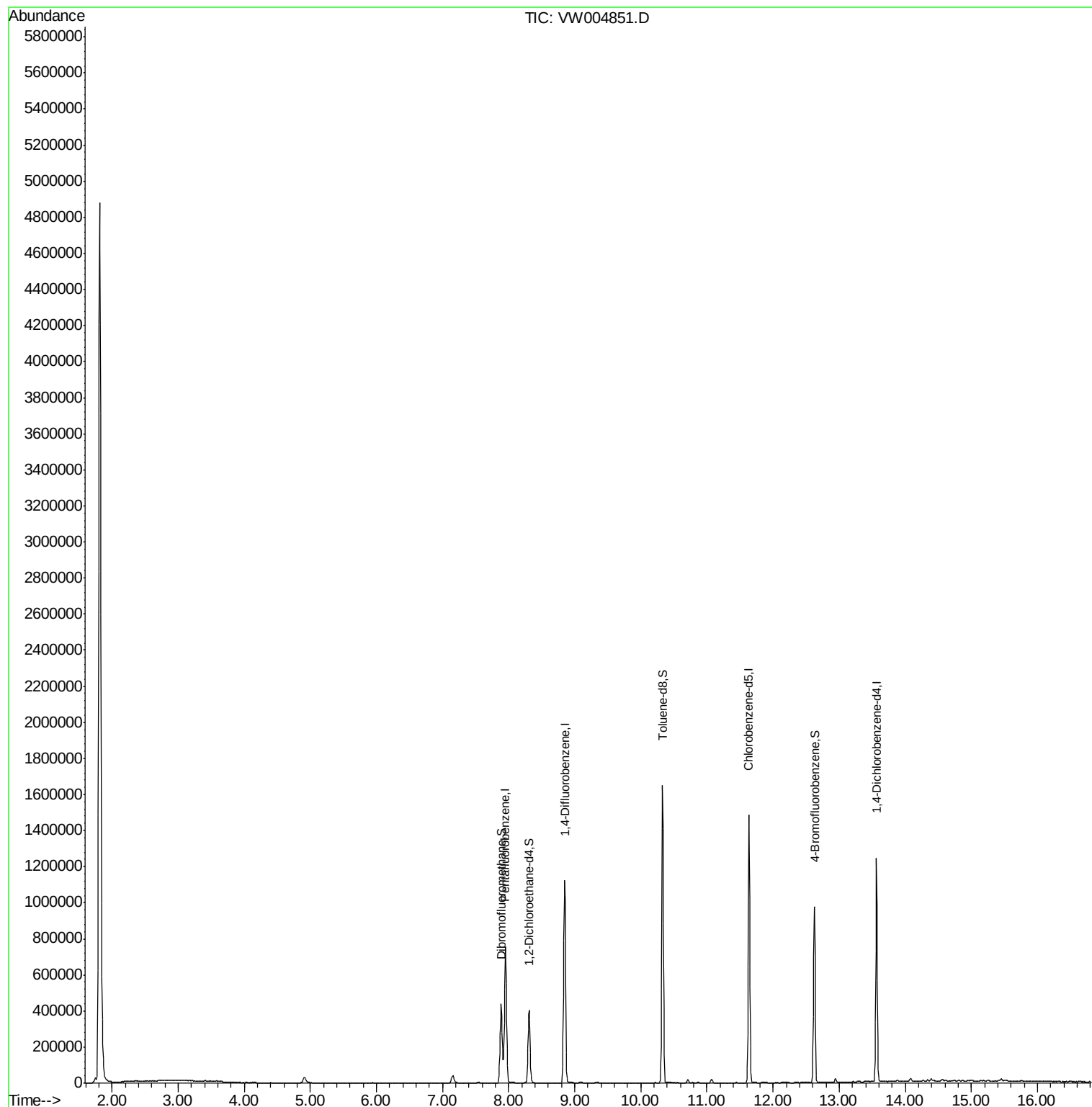
Target Compounds	Qvalue
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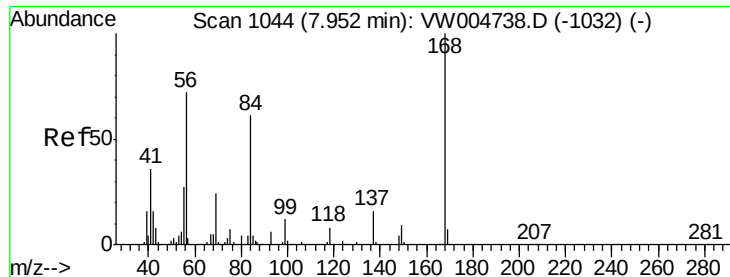
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW004851.D

Acq: 21 Aug 2018 19:28

Instrument :

MSVOA_W

ClientSampleId :

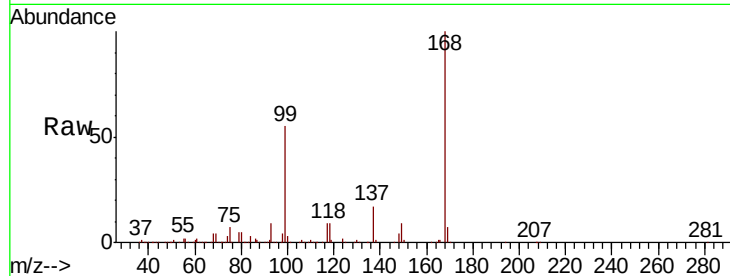
SB-01-3.5-4.0

Tot Ion:168 Resp: 583119

Ion Ratio Lower Upper

168 100

99 54.5 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

250000

200000

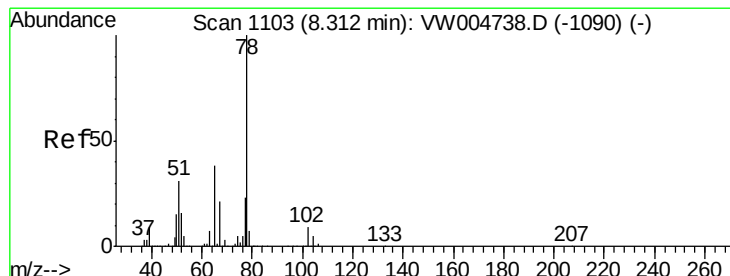
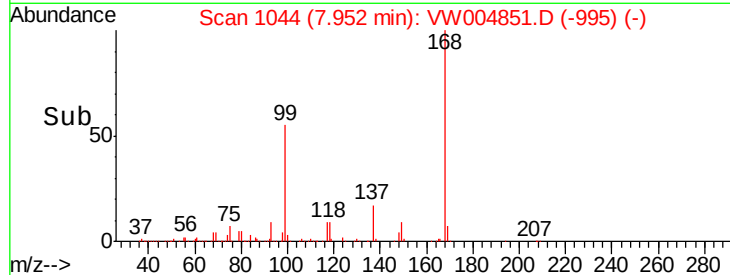
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 55.16 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW004851.D

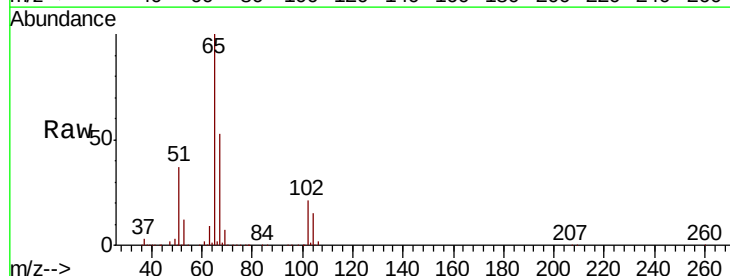
Acq: 21 Aug 2018 19:28

Tgt Ion: 65 Resp: 310971

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

8.31

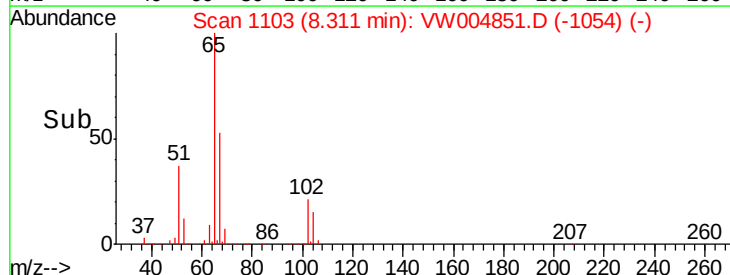
150000

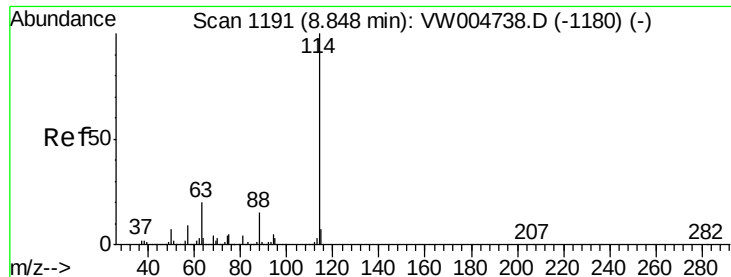
100000

50000

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: VW004851.D

Acq: 21 Aug 2018 19:28

Instrument :

MSVOA_W

ClientSampleId :

SB-01-3.5-4.0

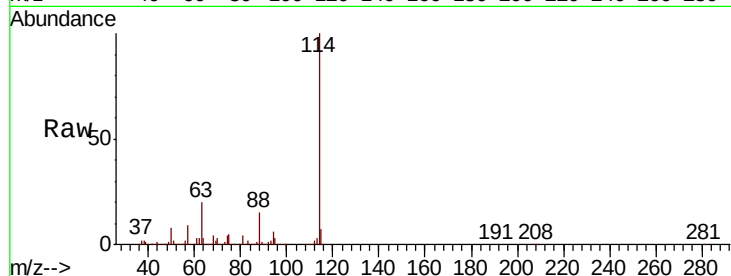
Tot Ion:114 Resp: 973417

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.0

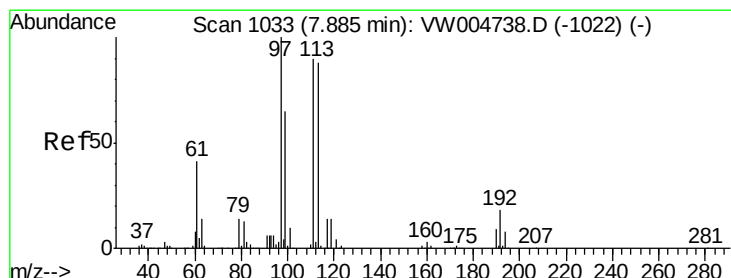
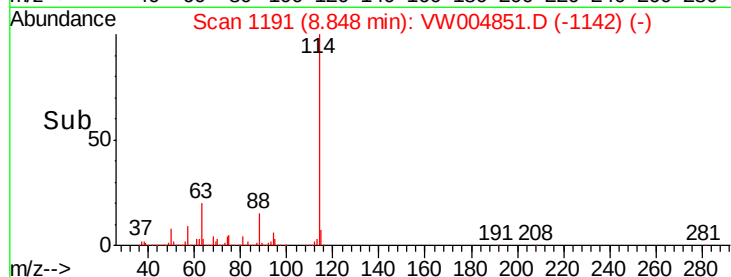
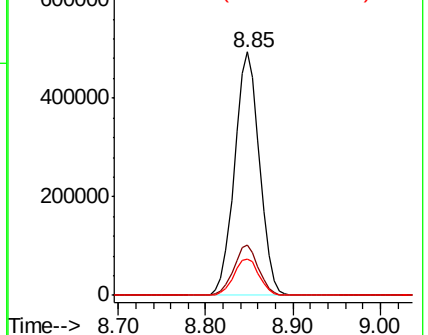
88 15.1 0.0 30.0



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: 50.91 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW004851.D

Acq: 21 Aug 2018 19:28

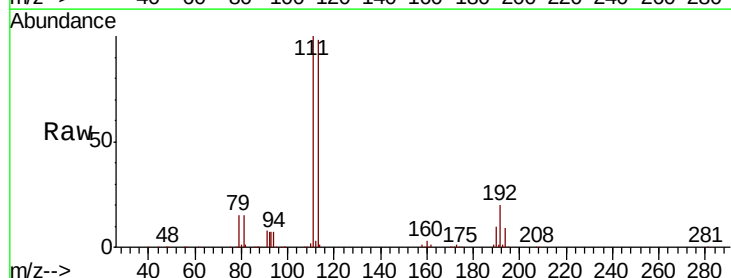
Tgt Ion:113 Resp: 316757

Ion Ratio Lower Upper

113 100

111 103.4 82.4 123.6

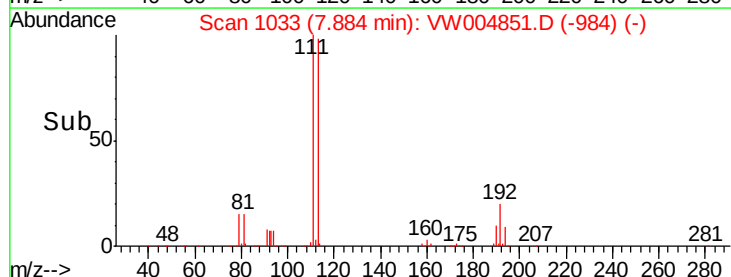
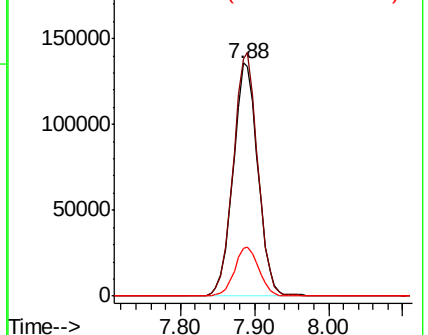
192 20.8 16.7 25.1

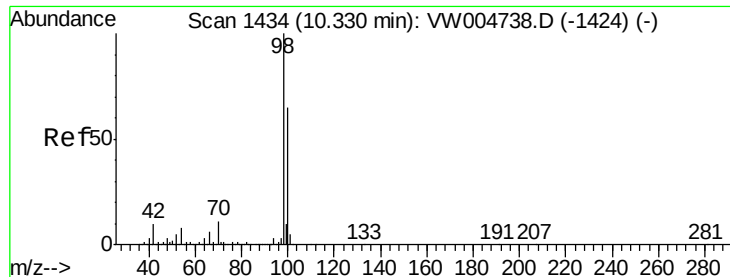


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

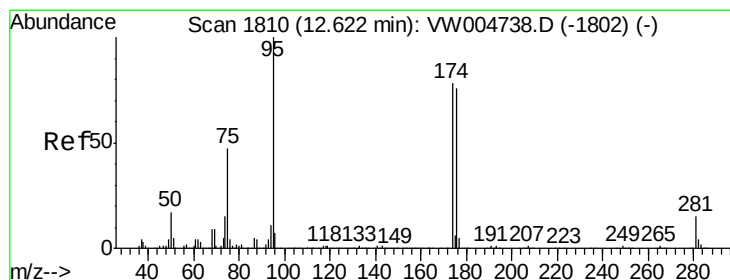
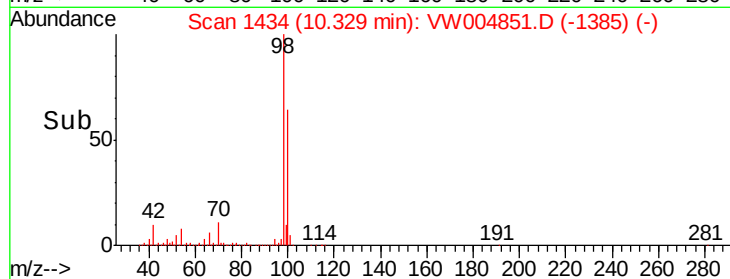
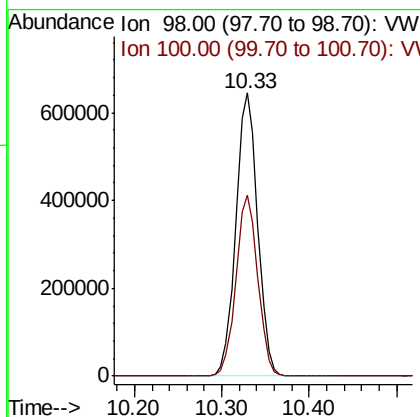
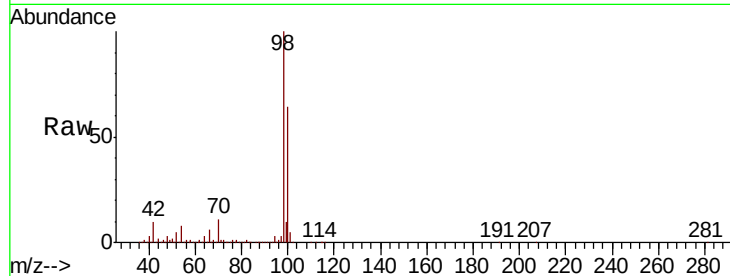




#50
Toluene-d8
Concen: 46.31 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004851.D
Acq: 21 Aug 2018 19:28

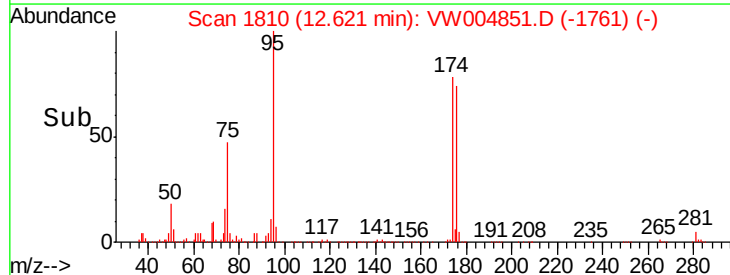
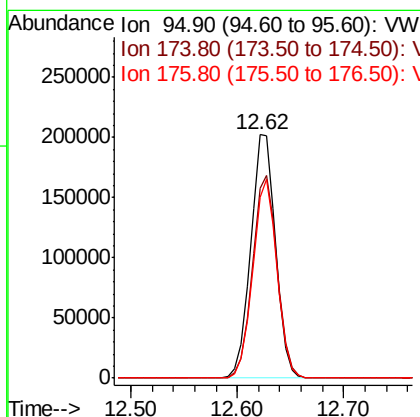
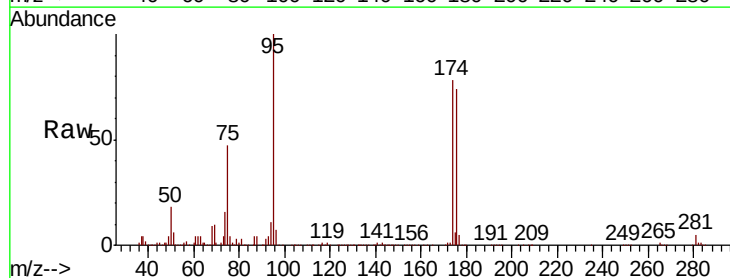
Instrument :
MSVOA_W
ClientSampleId :
SB-01-3.5-4.0

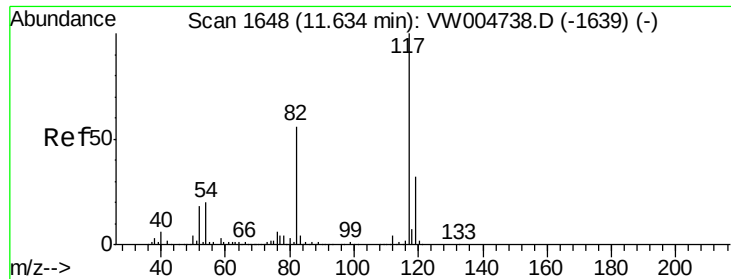
Tot Ion: 98 Resp: 1124638
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 37.91 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW004851.D
Acq: 21 Aug 2018 19:28

Tgt Ion: 95 Resp: 331190
Ion Ratio Lower Upper
95 100
174 82.8 0.0 165.8
176 79.2 0.0 159.8

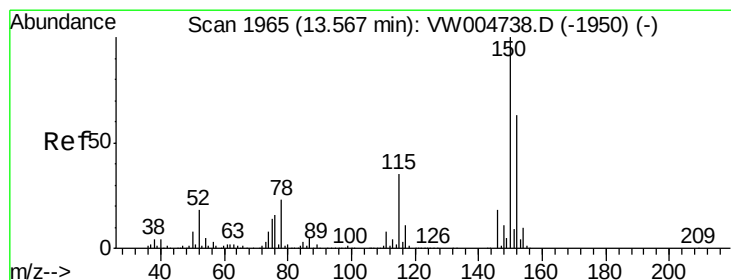
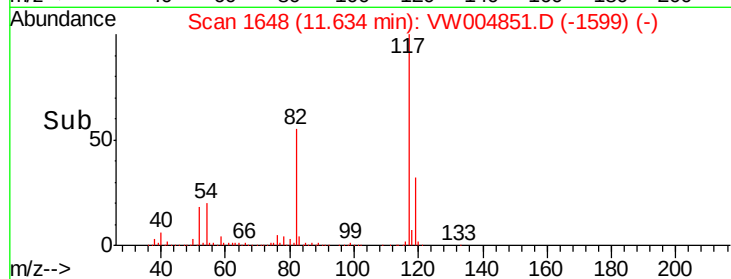
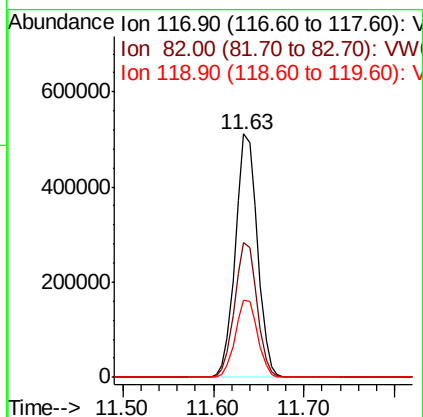
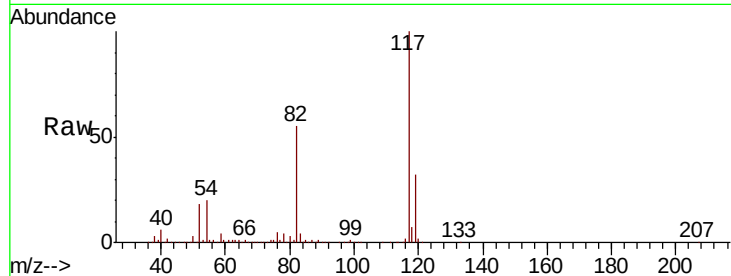




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004851.D
Acq: 21 Aug 2018 19:28

Instrument :
MSVOA_W
ClientSampleId :
SB-01-3.5-4.0

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.6	67.0
119	31.7	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: VW004851.D
Acq: 21 Aug 2018 19:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	28.5	85.5
150	156.5	0.0	344.8

