

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011619\
 Data File : VF061432.D
 Acq On : 17 Jan 2019 00:58
 Operator : VA/AP
 Sample : K1157-12
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 WC-06-011519

Quant Time: Jan 17 03:38:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	115742	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.58	114	195897	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	137897	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	35196	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.83	65	64044	44.82	ug/l	0.00
Spiked Amount			Recovery	=	89.64%	
35) Dibromofluoromethane	4.09	113	76499	49.49	ug/l	0.00
Spiked Amount			Recovery	=	98.98%	
50) Toluene-d8	7.54	98	172502	40.73	ug/l	0.00
Spiked Amount			Recovery	=	81.46%	
62) 4-Bromofluorobenzene	11.40	95	50777	25.66	ug/l	0.00
Spiked Amount			Recovery	=	51.32%	

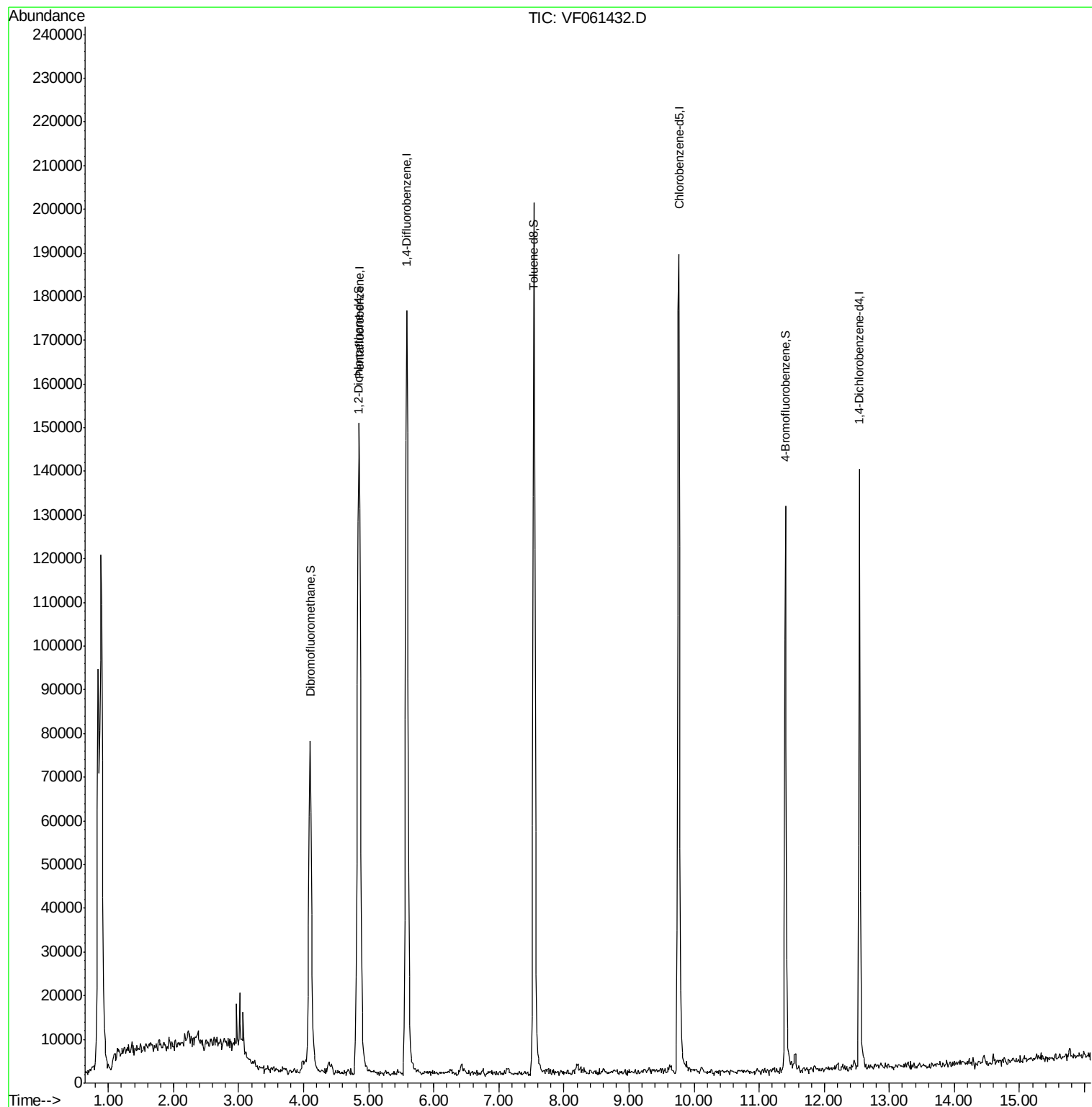
Target Compounds	Qvalue
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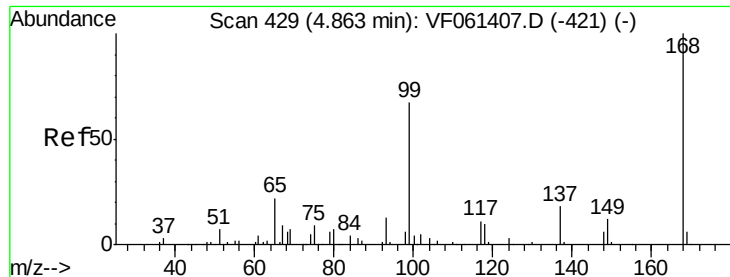
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.00 min

Lab File: VF061432.D

Acq: 17 Jan 2019 00:58

Instrument :

MSVOA_F

ClientSampleId :

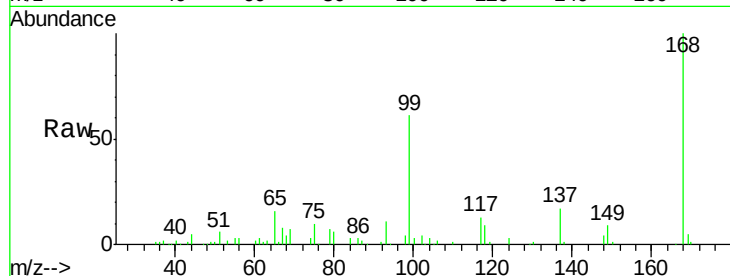
WC-06-011519

Tot Ion:168 Resp: 115742

Ion Ratio Lower Upper

168 100

99 61.4 53.5 80.3



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

4.86

40000

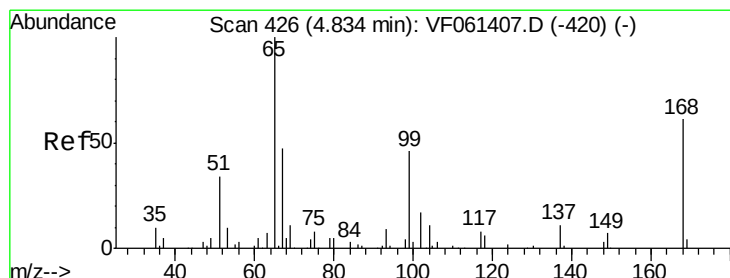
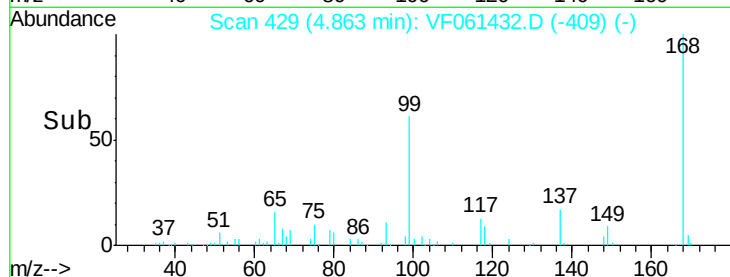
30000

20000

10000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 44.818 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.00 min

Lab File: VF061432.D

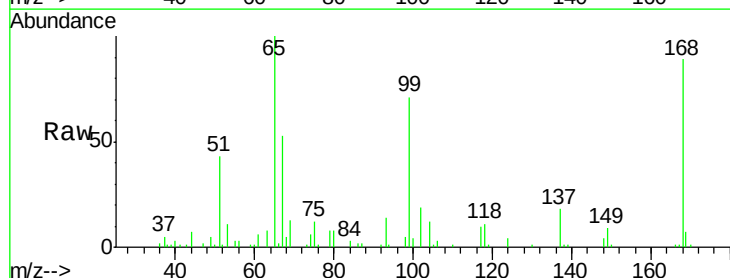
Acq: 17 Jan 2019 00:58

Tgt Ion: 65 Resp: 64044

Ion Ratio Lower Upper

65 100

67 52.7 0.0 99.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.83

25000

20000

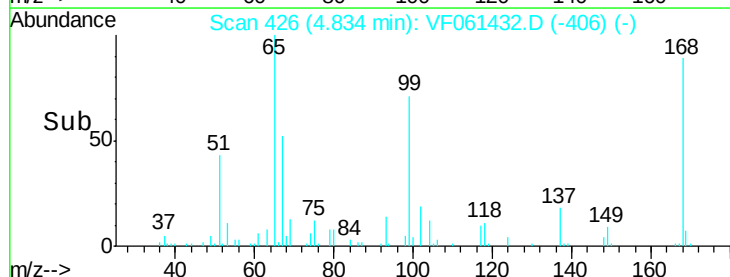
15000

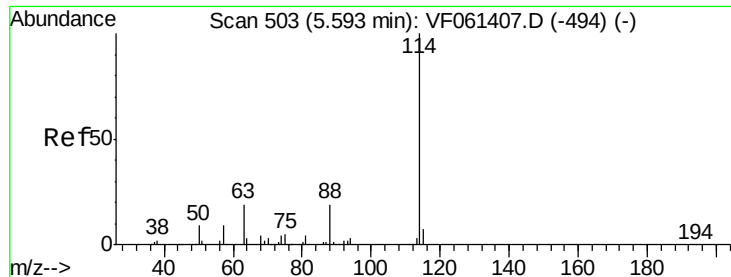
10000

5000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.01 min

Lab File: VF061432.D

Acq: 17 Jan 2019 00:58

Instrument :

MSVOA_F

ClientSampleId :

WC-06-011519

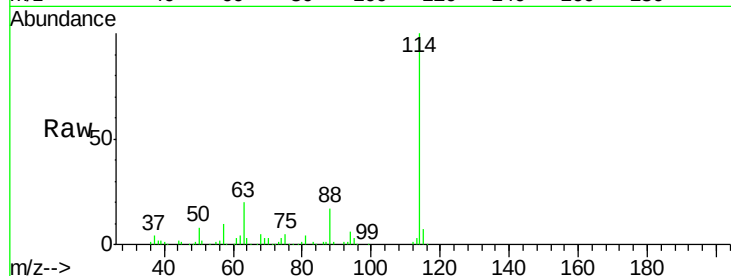
Tot Ion:114 Resp: 195897

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.0

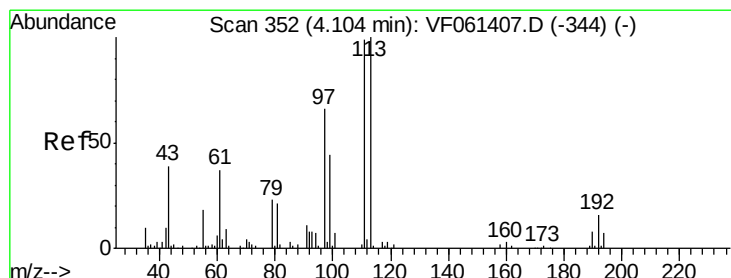
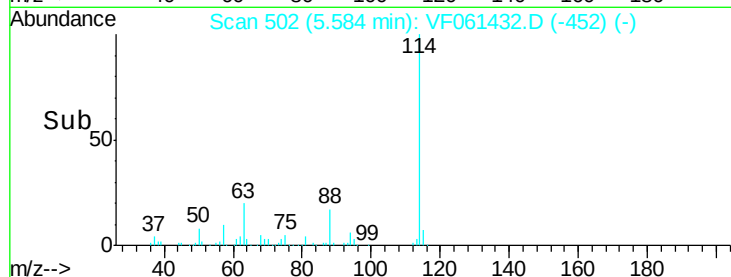
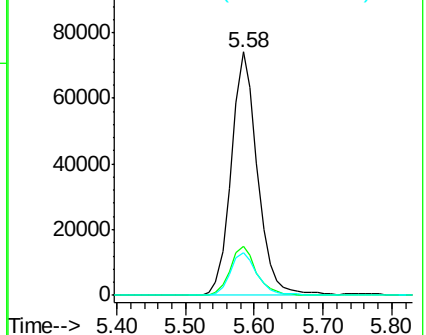
88 17.3 0.0 37.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 49.488 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.01 min

Lab File: VF061432.D

Acq: 17 Jan 2019 00:58

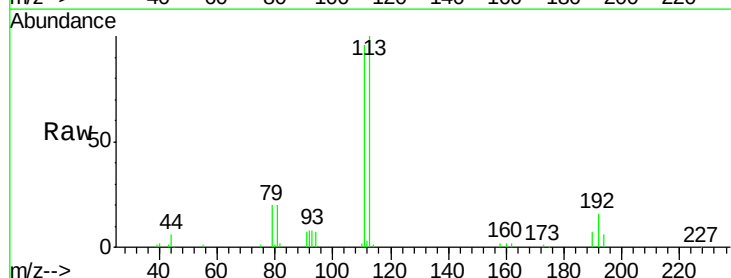
Tgt Ion:113 Resp: 76499

Ion Ratio Lower Upper

113 100

111 96.3 79.4 119.0

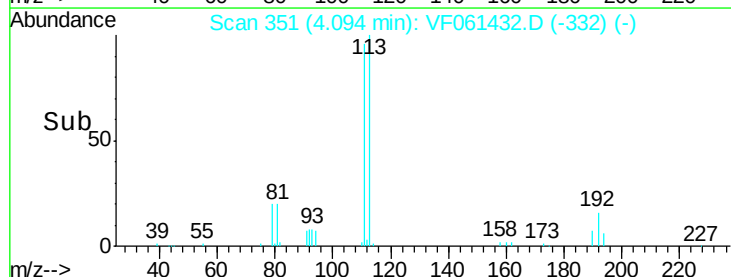
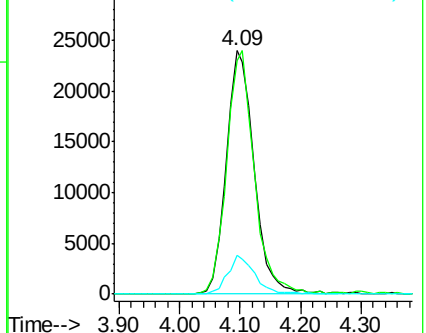
192 16.2 12.4 18.6

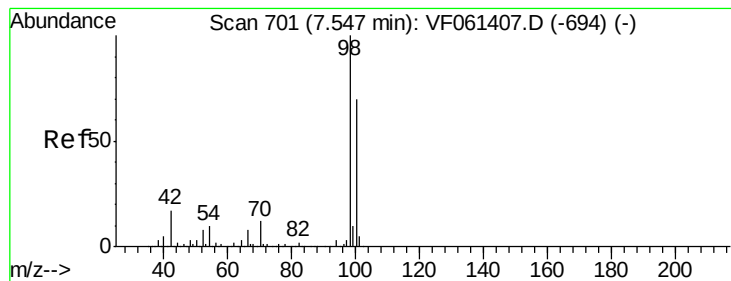


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 40.731 ug/l

RT: 7.54 min Scan# 700

Delta R.T. -0.01 min

Lab File: VF061432.D

Acq: 17 Jan 2019 00:58

Instrument :

MSVOA_F

ClientSampleId :

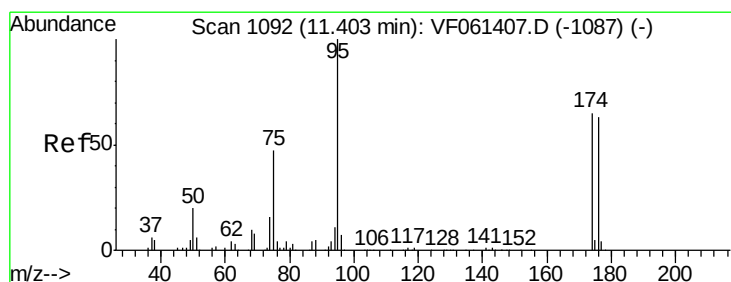
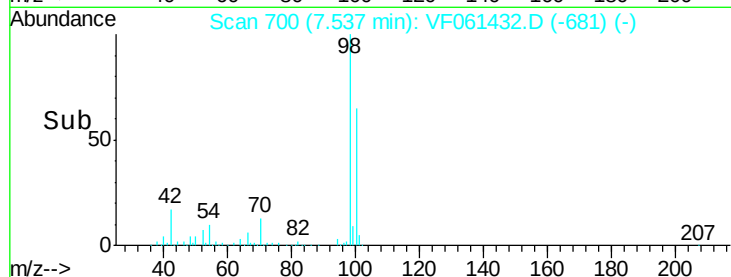
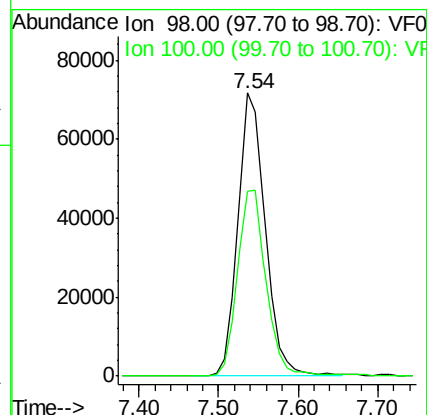
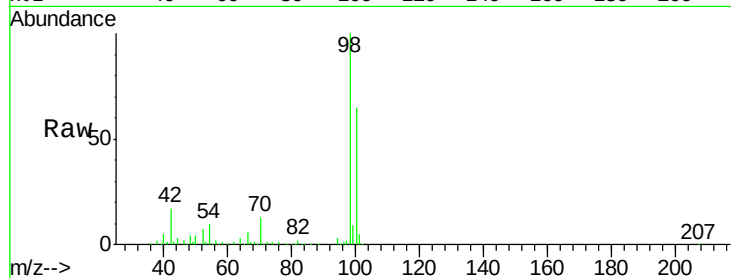
WC-06-011519

Tot Ion: 98 Resp: 172502

Ion Ratio Lower Upper

98 100

100 65.1 55.6 83.4



#62

4-Bromofluorobenzene

Concen: 25.660 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VF061432.D

Acq: 17 Jan 2019 00:58

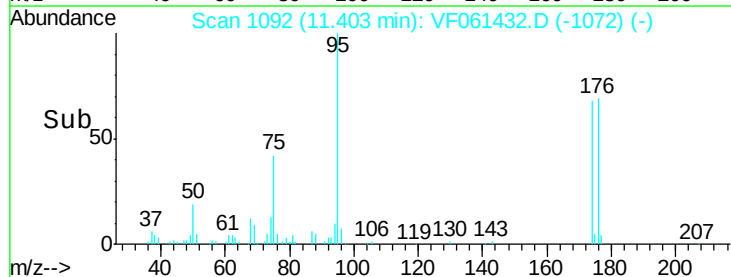
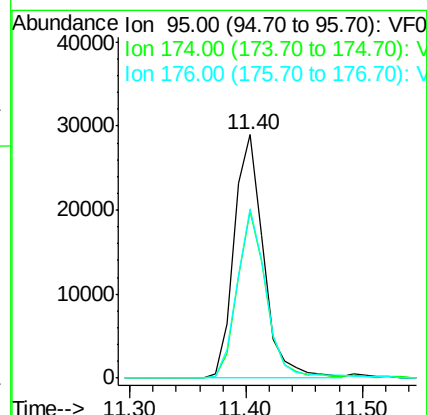
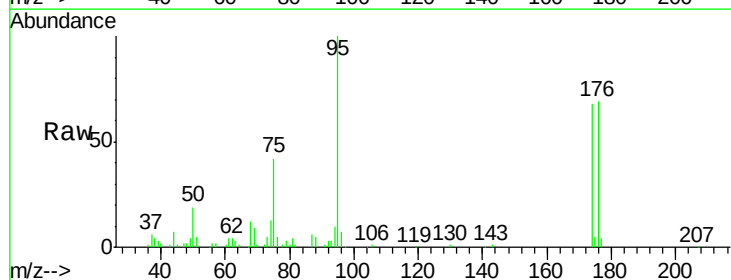
Tgt Ion: 95 Resp: 50777

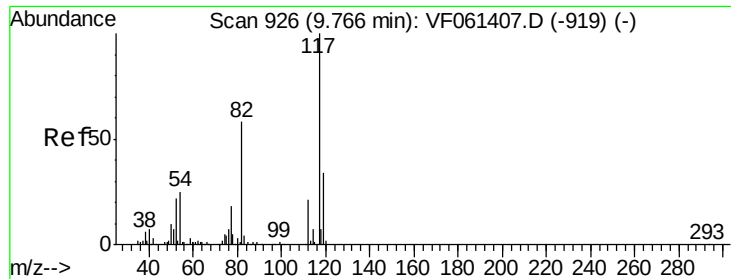
Ion Ratio Lower Upper

95 100

174 68.4 0.0 130.4

176 69.3 0.0 126.2

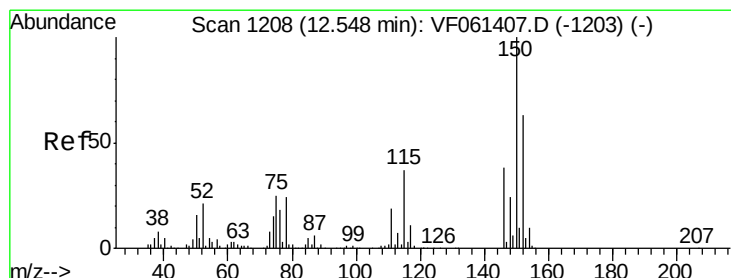
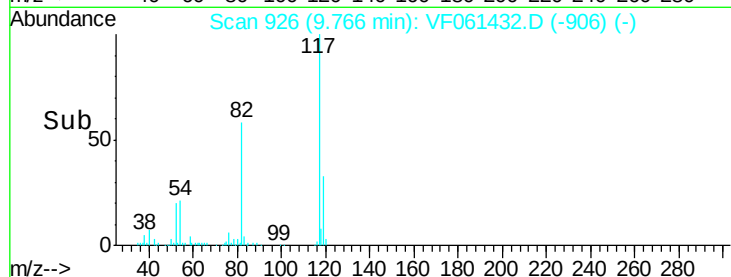
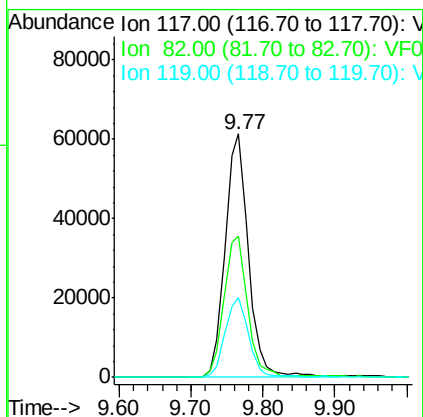
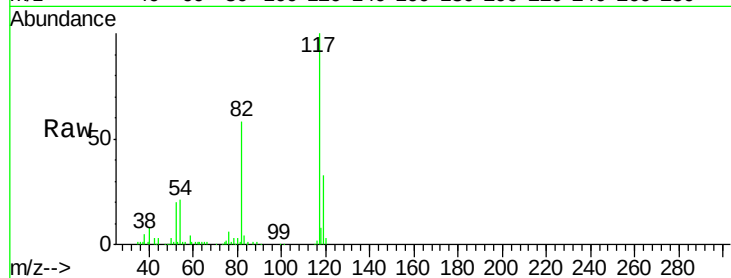




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 926
Delta R.T. -0.00 min
Lab File: VF061432.D
Acq: 17 Jan 2019 00:58

Instrument :
MSVOA_F
ClientSampleId :
WC-06-011519

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.1	46.4	69.6
119	32.6	27.2	40.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.01 min
Lab File: VF061432.D
Acq: 17 Jan 2019 00:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.7	30.0	90.0
150	160.0	0.0	321.4

