

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012319\
 Data File : VF061479.D
 Acq On : 23 Jan 2019 12:24
 Operator : VA/AP
 Sample : VF0123SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0123SBL01

Quant Time: Jan 24 03:10:30 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	4.85	168	197134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.58	114	333360	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.76	117	289885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	166545	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	115680	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	
35) Dibromofluoromethane	4.09	113	138064	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
50) Toluene-d8	7.54	98	351996	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
62) 4-Bromofluorobenzene	11.40	95	165041	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	

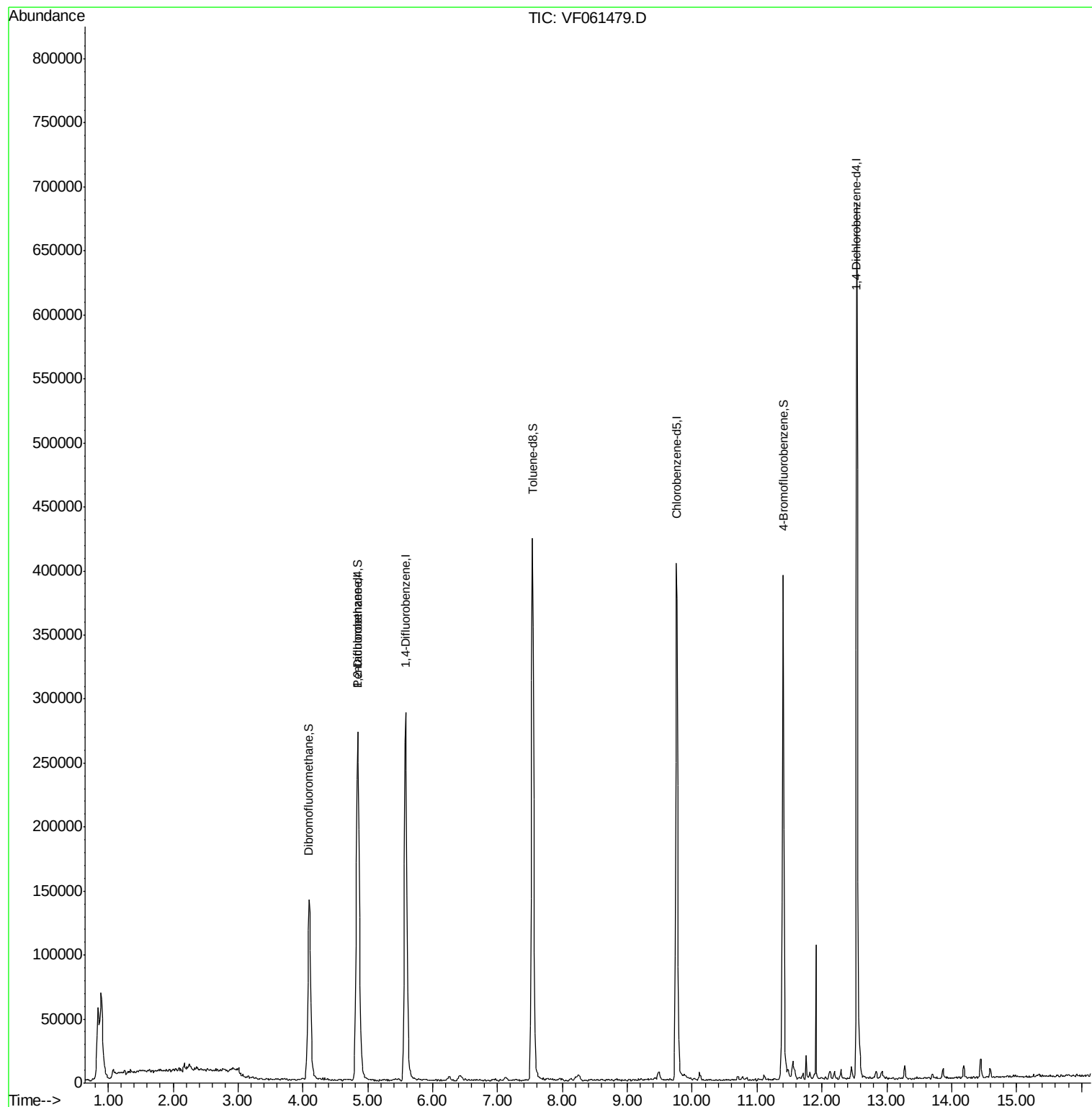
Target Compounds	Qvalue

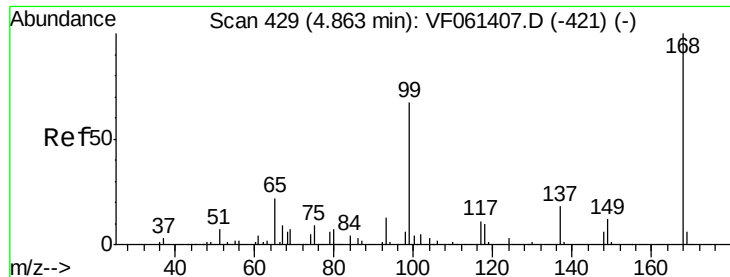
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF012319\
Data File : VF061479.D
Acq On : 23 Jan 2019 12:24
Operator : VA/AP
Sample : VF0123SBL01
Misc : 5.00µ/5mL/MSVOA-F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0123SBL01

Quant Time: Jan 24 03:10:30 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
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: 4.85 min Scan# 428

Delta R.T. -0.01 min

Lab File: VF061479.D

Acq: 23 Jan 2019 12:24

Instrument :

MSVOA_F

ClientSampleId :

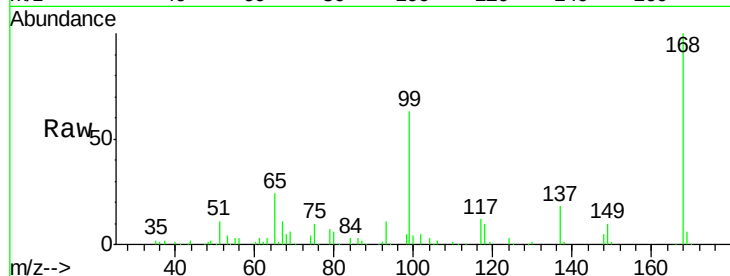
VF0123SBL01

Tot Ion:168 Resp: 197134

Ion Ratio Lower Upper

168 100

99 62.7 53.5 80.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

60000

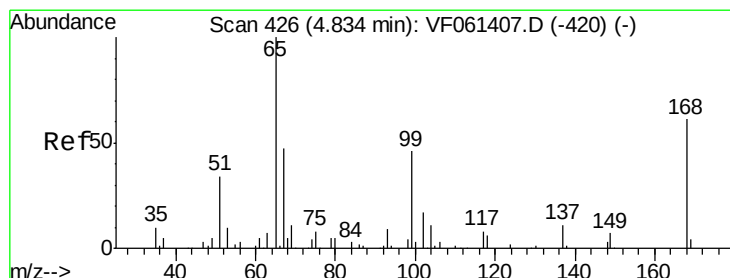
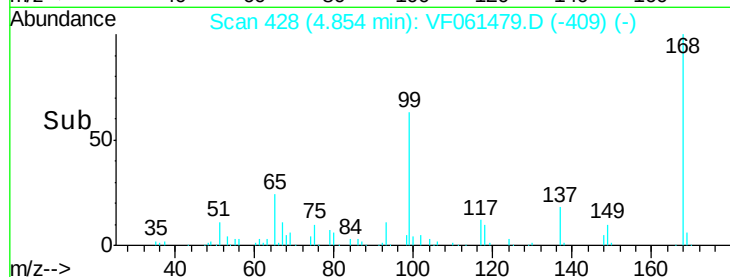
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 47.529 ug/l

RT: 4.83 min Scan# 426

Delta R.T. 0.00 min

Lab File: VF061479.D

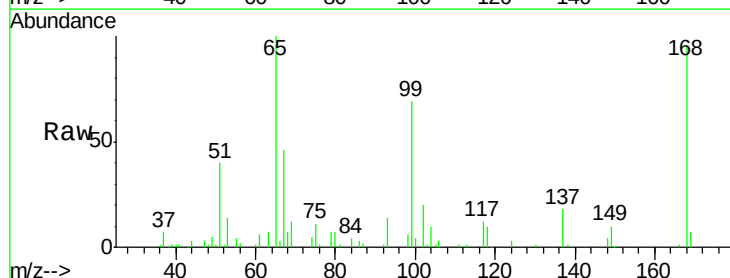
Acq: 23 Jan 2019 12:24

Tgt Ion: 65 Resp: 115680

Ion Ratio Lower Upper

65 100

67 45.7 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

40000

30000

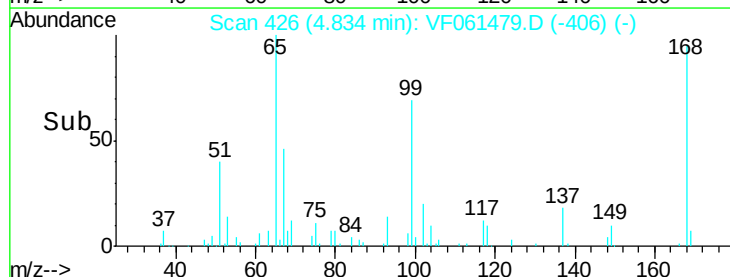
20000

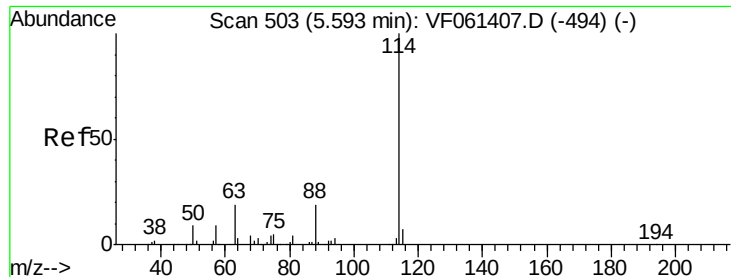
10000

0

Time-->

4.70 4.80 4.90 5.00





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.01 min

Lab File: VF061479.D

Acq: 23 Jan 2019 12:24

Instrument :

MSVOA_F

ClientSampleId :

VF0123SBL01

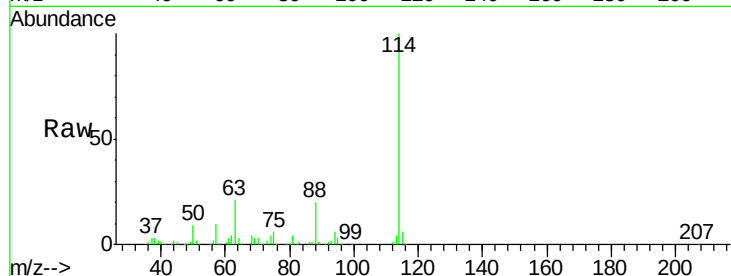
Tot Ion:114 Resp: 333360

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.0

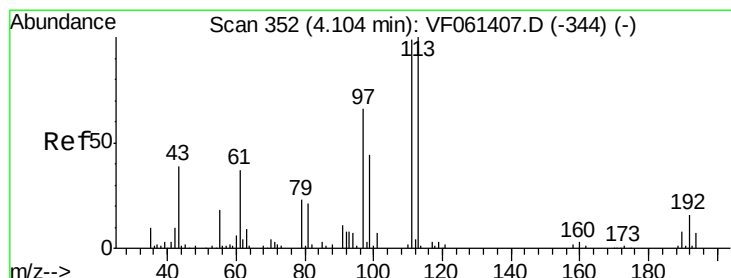
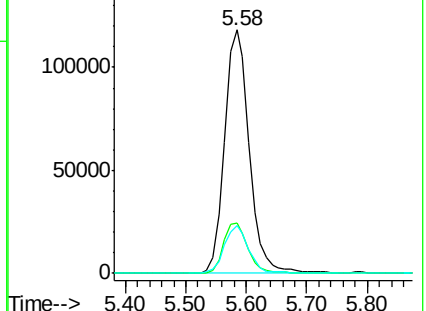
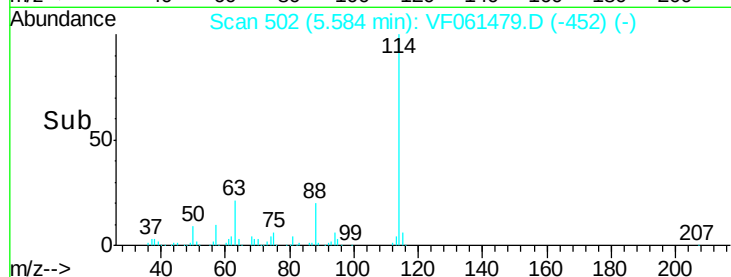
88 19.7 0.0 37.4



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: 52.486 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.01 min

Lab File: VF061479.D

Acq: 23 Jan 2019 12:24

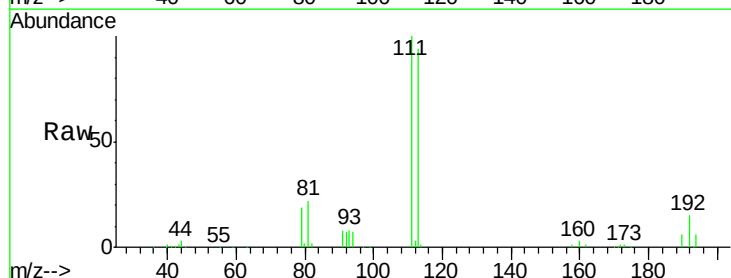
Tgt Ion:113 Resp: 138064

Ion Ratio Lower Upper

113 100

111 106.1 79.4 119.0

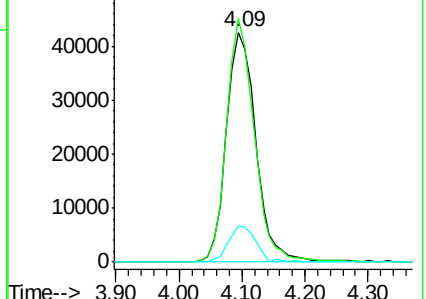
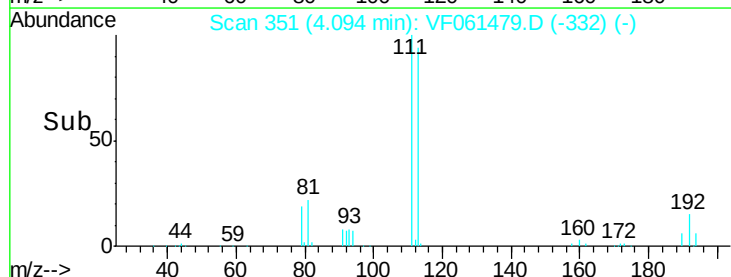
192 15.9 12.4 18.6

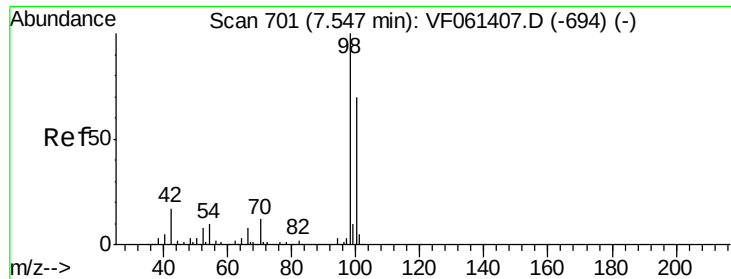


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 48.840 ug/l

RT: 7.54 min Scan# 700

Delta R.T. -0.01 min

Lab File: VF061479.D

Acq: 23 Jan 2019 12:24

Instrument :

MSVOA_F

ClientSampleId :

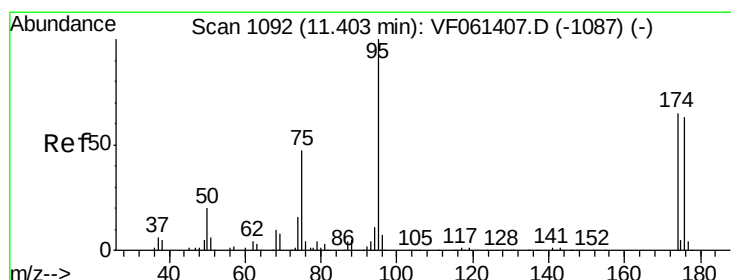
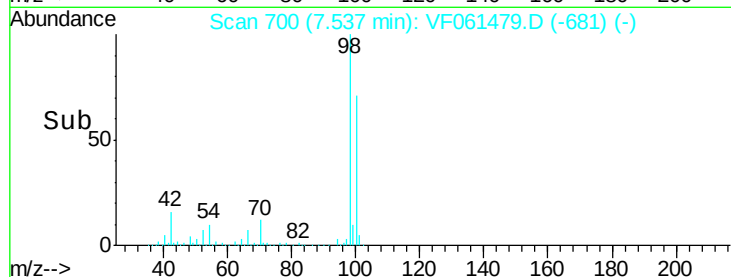
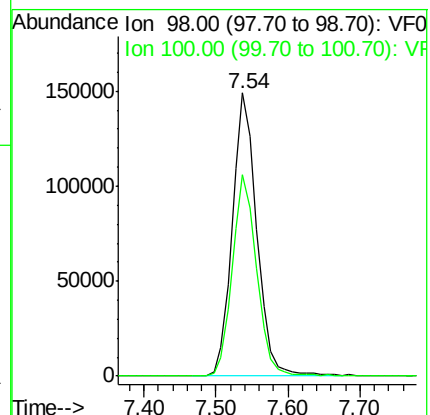
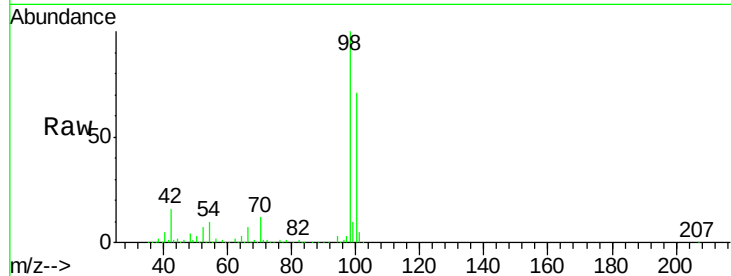
VF0123SBL01

Tot Ion: 98 Resp: 351996

Ion Ratio Lower Upper

98 100

100 71.1 55.6 83.4



#62

4-Bromofluorobenzene

Concen: 49.012 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VF061479.D

Acq: 23 Jan 2019 12:24

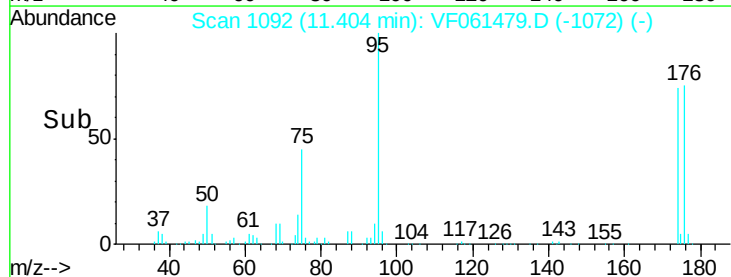
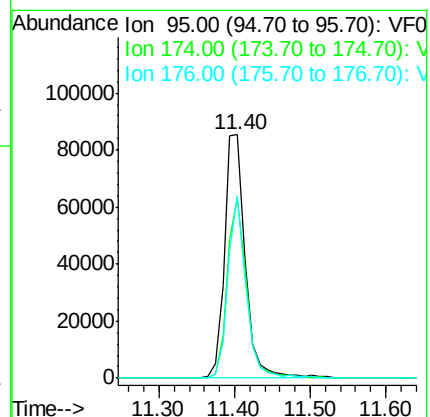
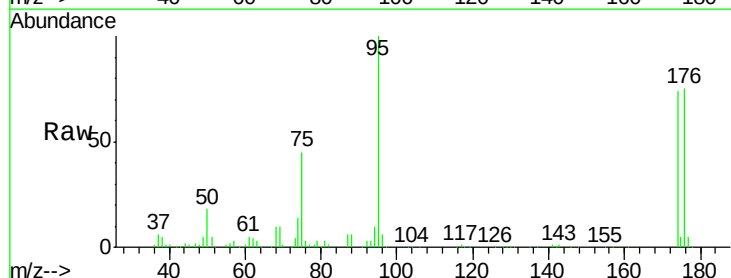
Tgt Ion: 95 Resp: 165041

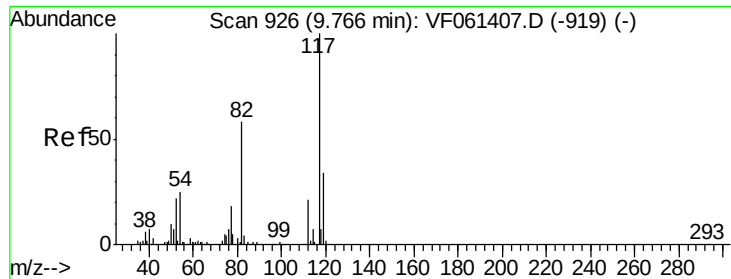
Ion Ratio Lower Upper

95 100

174 73.6 0.0 130.4

176 74.8 0.0 126.2

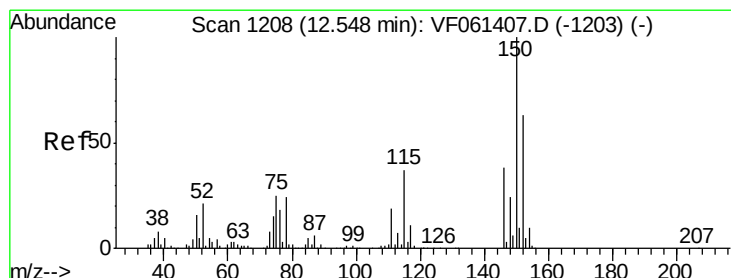
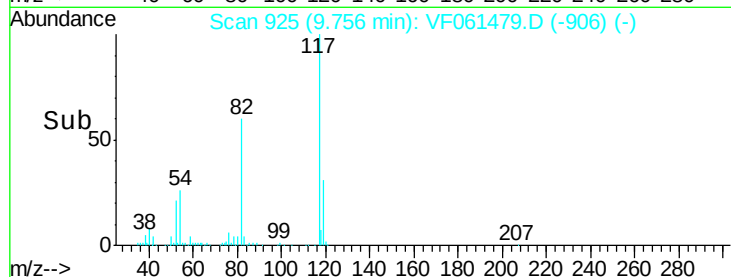
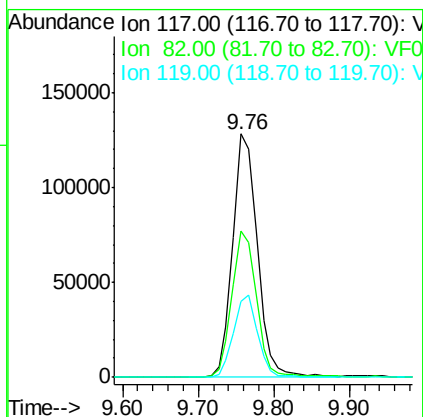
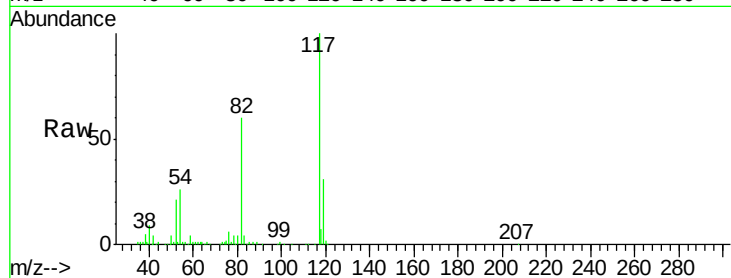




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 925
Delta R.T. -0.01 min
Lab File: VF061479.D
Acq: 23 Jan 2019 12:24

Instrument :
MSVOA_F
ClientSampleId :
VF0123SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.9	46.4	69.6
119	31.0	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: VF061479.D
Acq: 23 Jan 2019 12:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.1	30.0	90.0
150	156.6	0.0	321.4

