

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011619\
 Data File : VF061427.D
 Acq On : 16 Jan 2019 22:34
 Operator : VA/AP
 Sample : K1157-02
 Misc : 5.03g/5mL/MSVOA-F/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 WC-01-011519

Quant Time: Jan 17 03:31:42 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	224080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	374526	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.76	117	280800	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	103644	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	127504	46.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.18%	
35) Dibromofluoromethane	4.10	113	139131	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
50) Toluene-d8	7.54	98	331946	41.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.00%	
62) 4-Bromofluorobenzene	11.40	95	125427	33.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.30%	

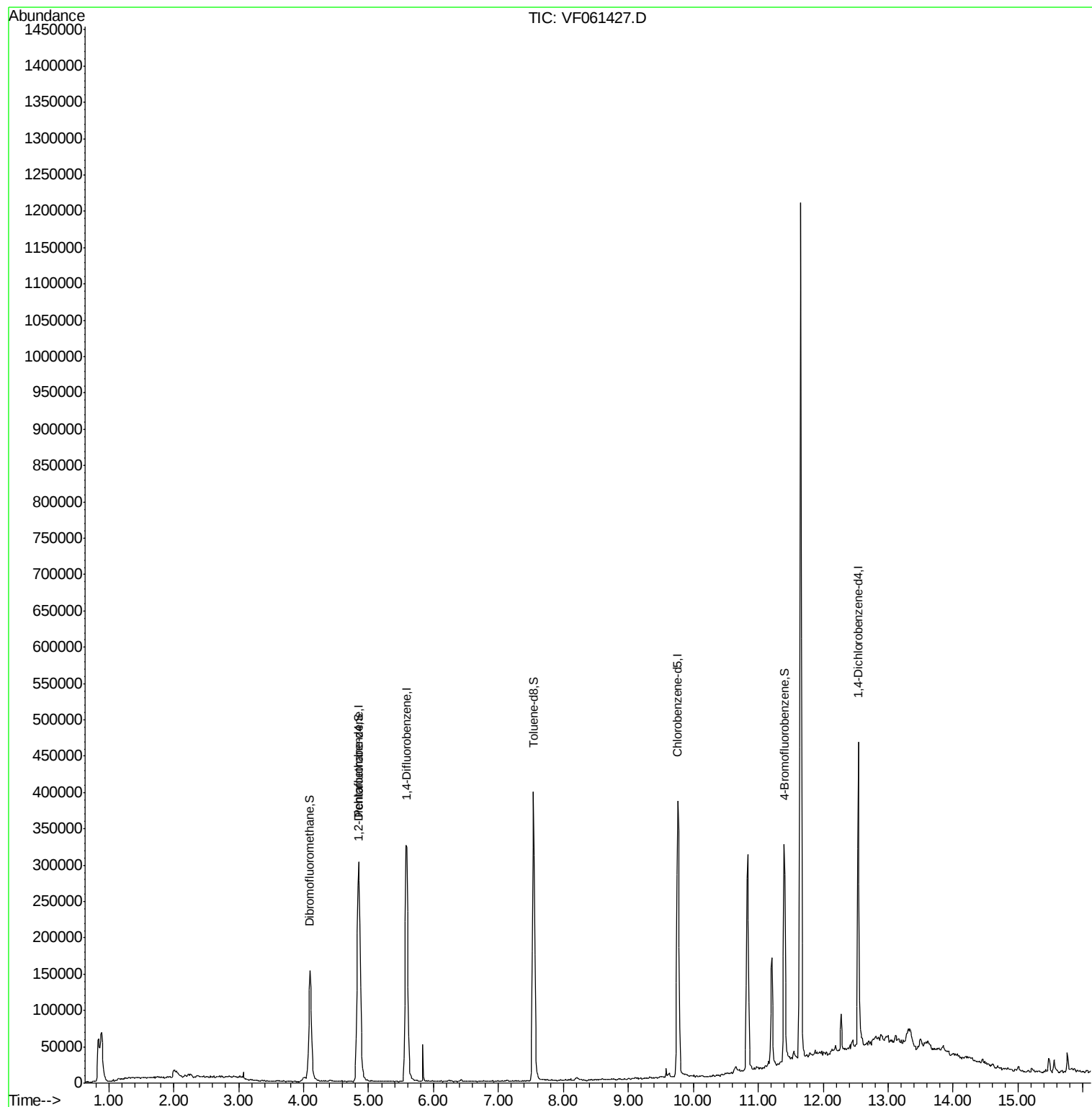
Target Compounds	Qvalue

(#) = 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
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.01 min

Lab File: VF061427.D

Acq: 16 Jan 2019 22:34

Instrument :

MSVOA_F

ClientSampleId :

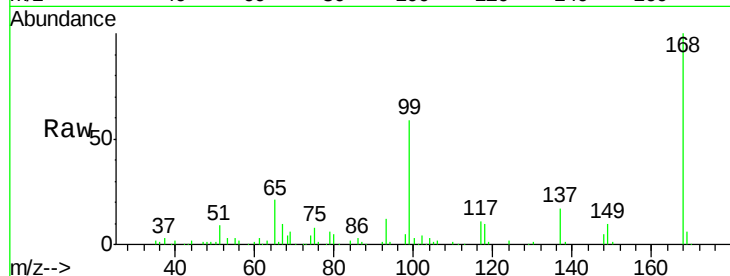
WC-01-011519

Tot Ion:168 Resp: 224080

Ion Ratio Lower Upper

168 100

99 58.6 53.5 80.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

80000

60000

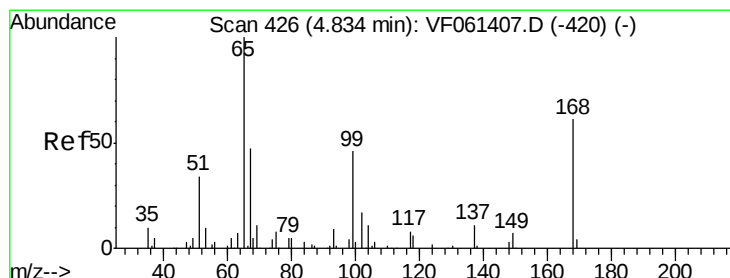
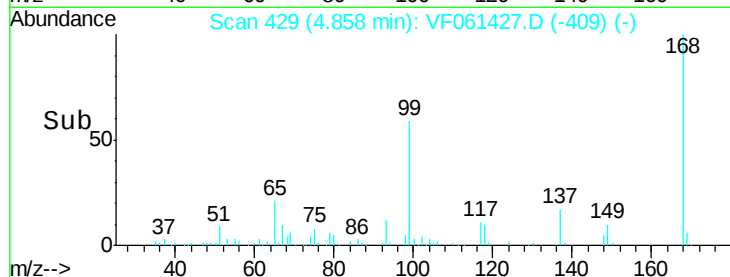
40000

20000

0

4.70 4.80 4.90 5.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.088 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.01 min

Lab File: VF061427.D

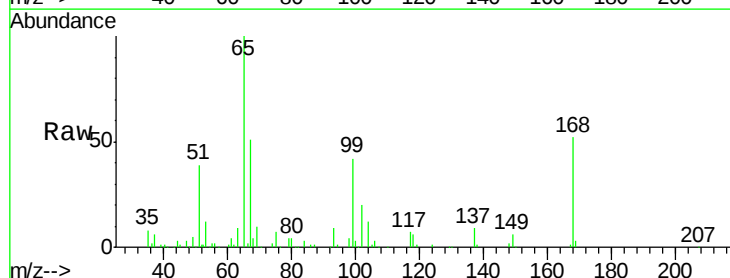
Acq: 16 Jan 2019 22:34

Tgt Ion: 65 Resp: 127504

Ion Ratio Lower Upper

65 100

67 50.9 0.0 99.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

50000

40000

30000

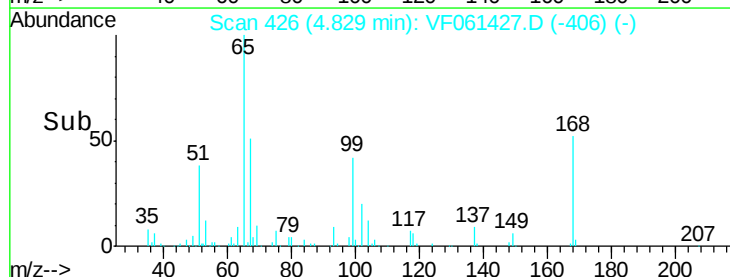
20000

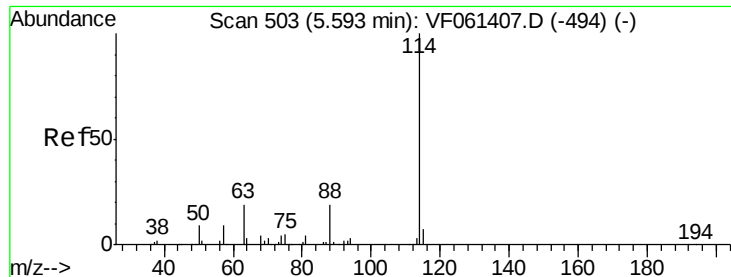
10000

0

4.70 4.80 4.90 5.00

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.01 min

Lab File: VF061427.D

Acq: 16 Jan 2019 22:34

Instrument :

MSVOA_F

ClientSampleId :

WC-01-011519

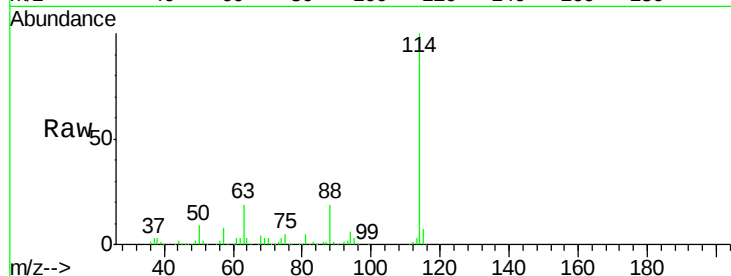
Tot Ion:114 Resp: 374526

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.0

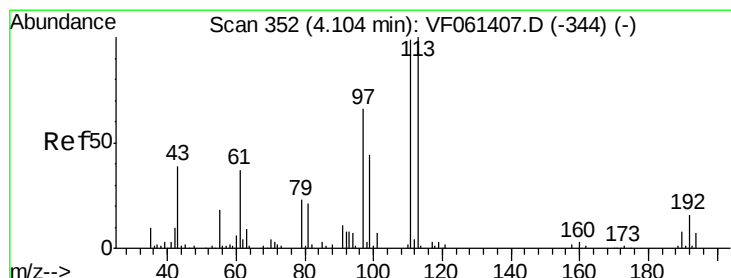
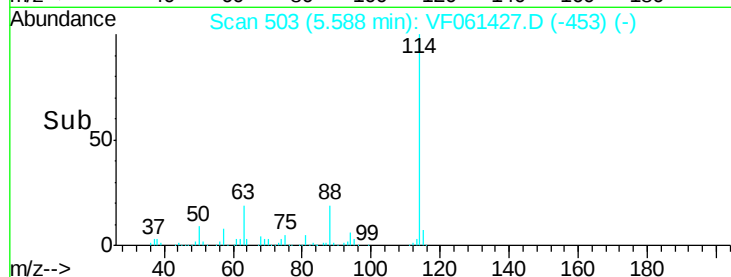
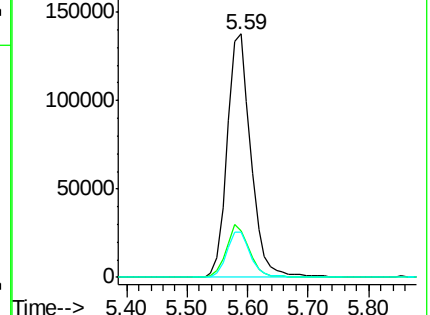
88 18.8 0.0 37.4



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: 47.078 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.01 min

Lab File: VF061427.D

Acq: 16 Jan 2019 22:34

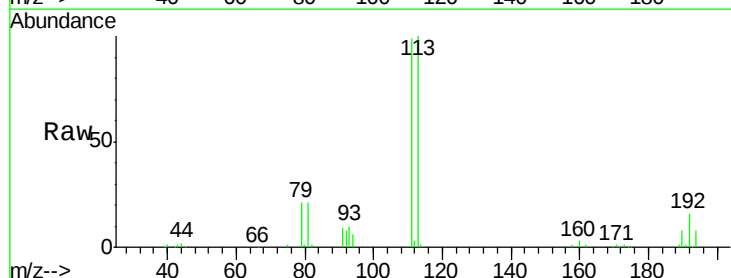
Tgt Ion:113 Resp: 139131

Ion Ratio Lower Upper

113 100

111 98.9 79.4 119.0

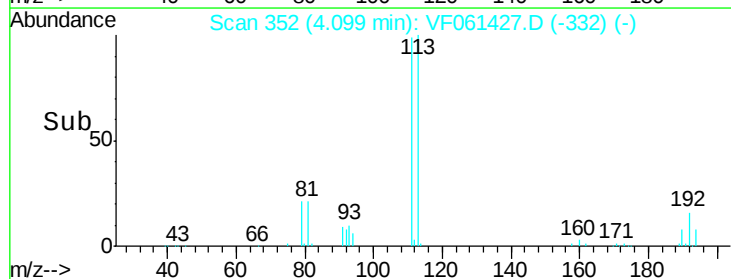
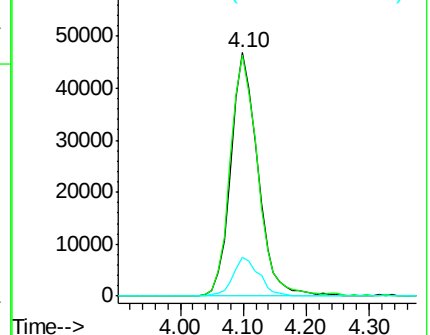
192 16.1 12.4 18.6

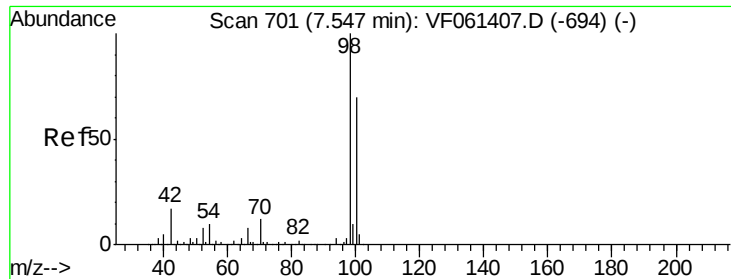


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 40.996 ug/l

RT: 7.54 min Scan# 701

Delta R.T. -0.01 min

Lab File: VF061427.D

Acq: 16 Jan 2019 22:34

Instrument :

MSVOA_F

ClientSampleId :

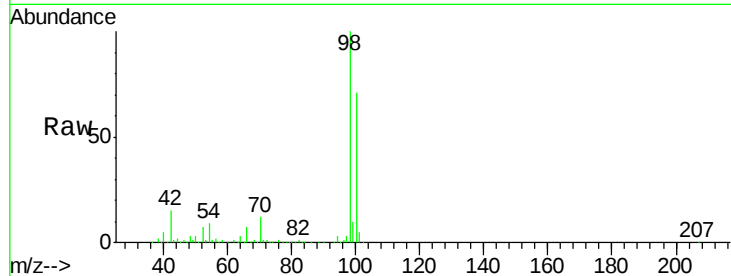
WC-01-011519

Tot Ion: 98 Resp: 331946

Ion Ratio Lower Upper

98 100

100 71.0 55.6 83.4



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

7.54

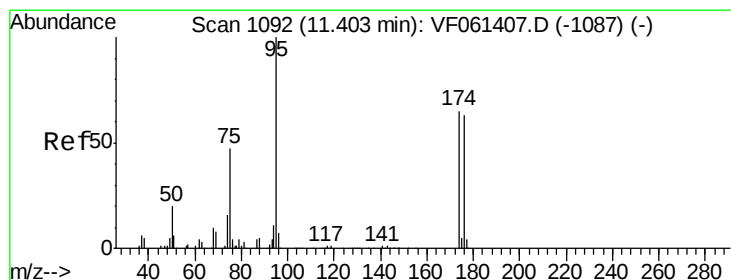
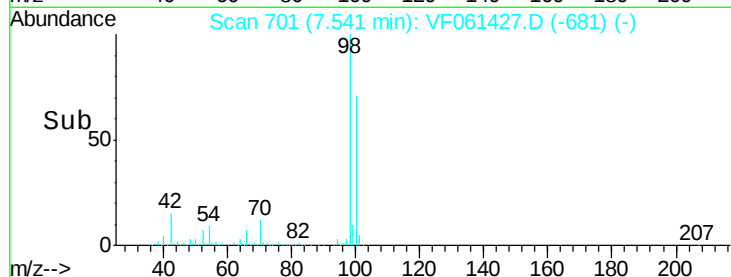
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 33.154 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VF061427.D

Acq: 16 Jan 2019 22:34

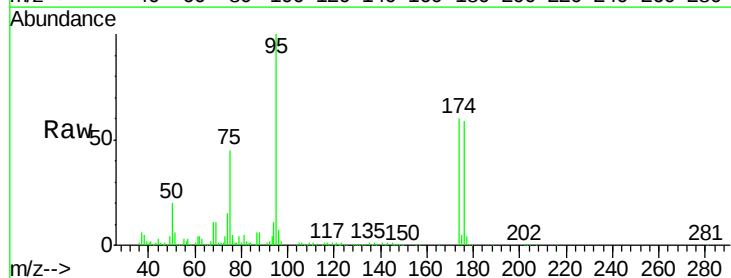
Tgt Ion: 95 Resp: 125427

Ion Ratio Lower Upper

95 100

174 60.3 0.0 130.4

176 58.5 0.0 126.2



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

11.40

80000

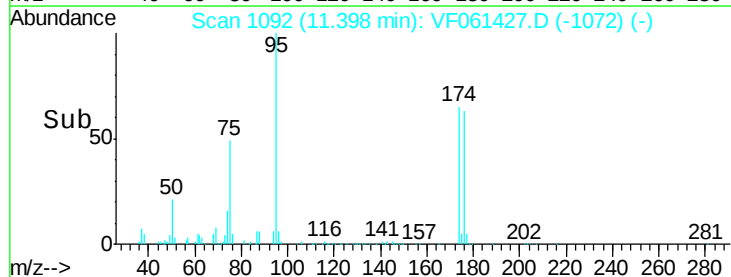
60000

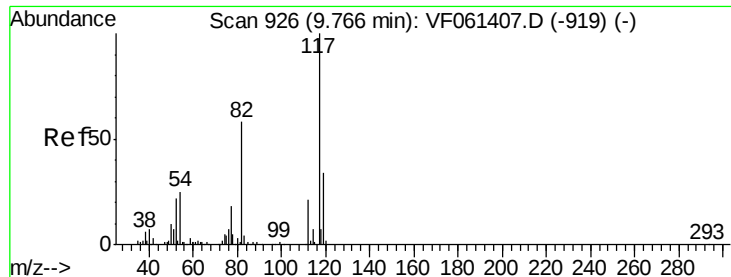
40000

20000

0

Time-->

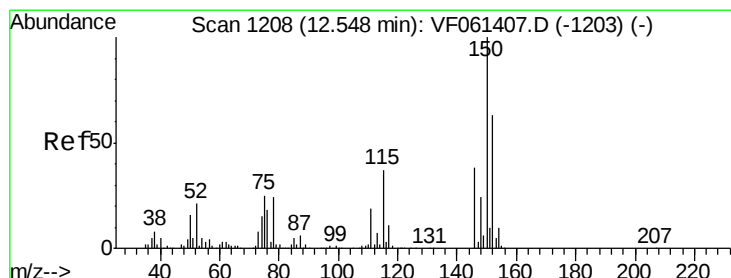
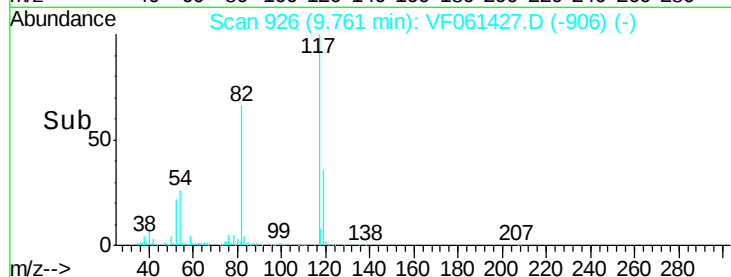
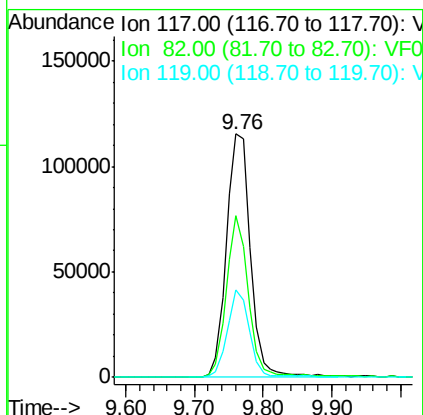
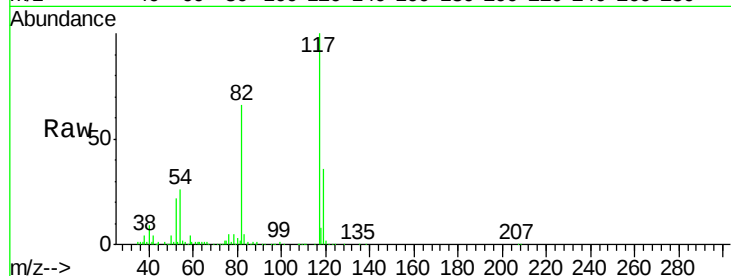




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.01 min
Lab File: VF061427.D
Acq: 16 Jan 2019 22:34

Instrument :
MSVOA_F
ClientSampleId :
WC-01-011519

Tot Ion:117 Resp: 280800
Ion Ratio Lower Upper
117 100
82 66.4 46.4 69.6
119 35.8 27.2 40.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF061427.D
Acq: 16 Jan 2019 22:34

Tgt Ion:152 Resp: 103644
Ion Ratio Lower Upper
152 100
115 58.9 30.0 90.0
150 151.6 0.0 321.4

