

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062718\
 Data File : VF059340.D
 Acq On : 27 Jun 2018 15:46
 Operator : VA/AP
 Sample : J3629-16
 Misc : 6.95g/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 A0C22-02

Quant Time: Jun 28 01:58:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	61201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	77615	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	63113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	23598	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	154	0.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	0.38%	
35) Dibromofluoromethane	4.27	113	447	0.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.58%	
50) Toluene-d8	7.69	98	2147	1.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3.06%	
62) 4-Bromofluorobenzene	11.50	95	1141	1.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.88%	

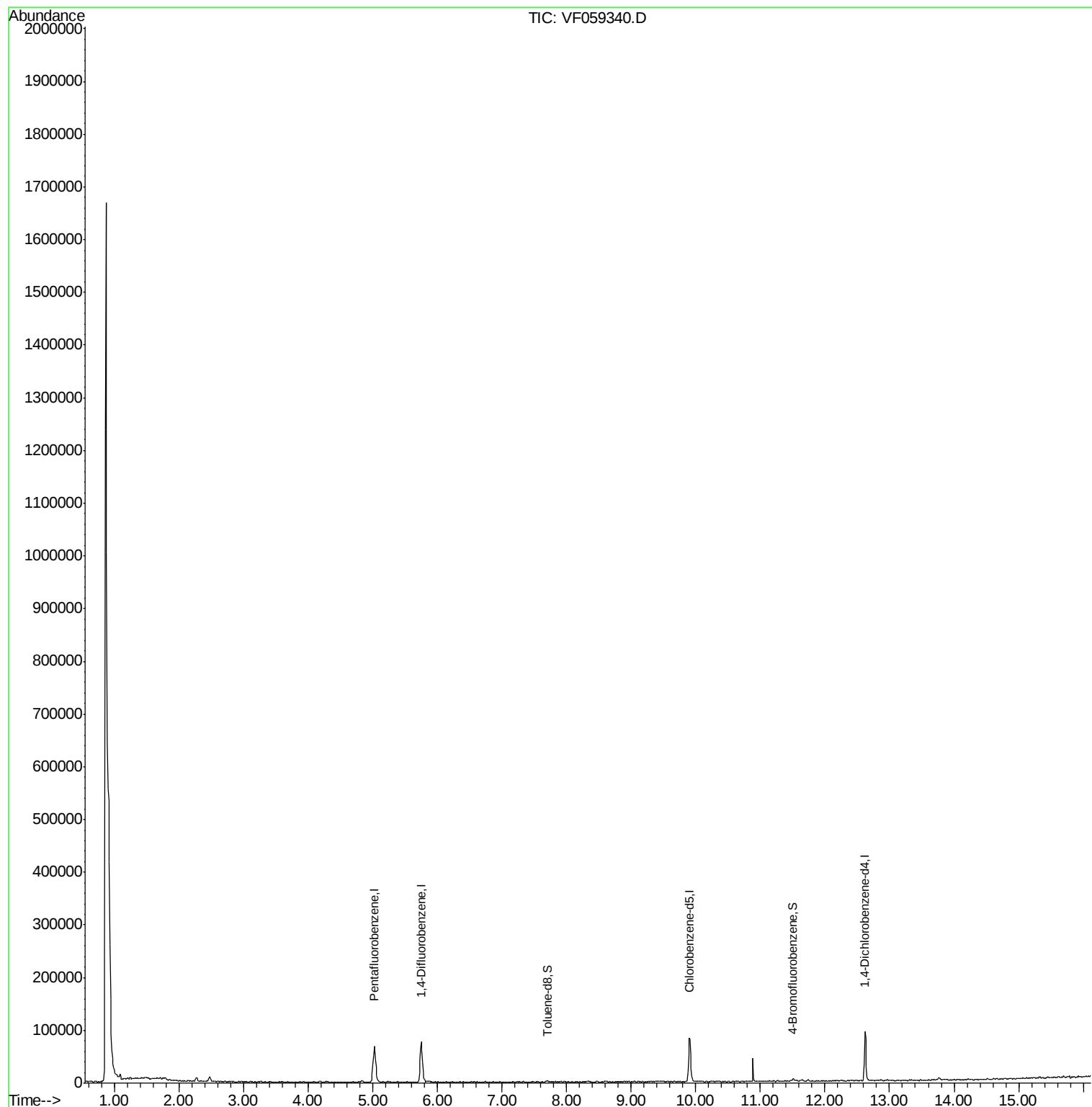
Target Compounds	Qvalue

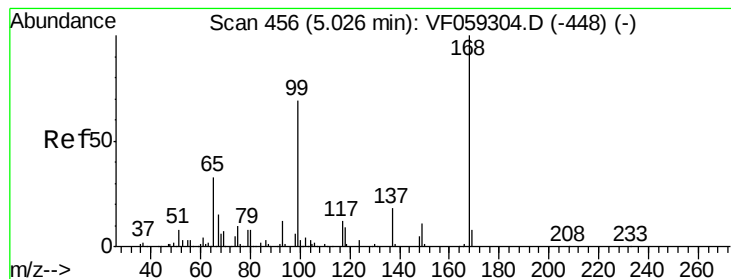
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF059340.D

Acq: 27 Jun 2018 15:46

Instrument :

MSVOA_F

ClientSampleId :

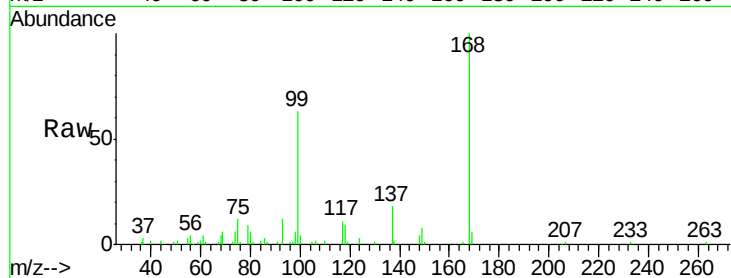
A0C22-02

Tot Ion:168 Resp: 61201

Ion Ratio Lower Upper

168 100

99 62.7 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.02

20000

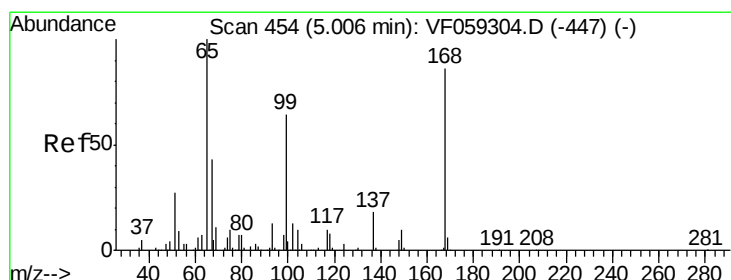
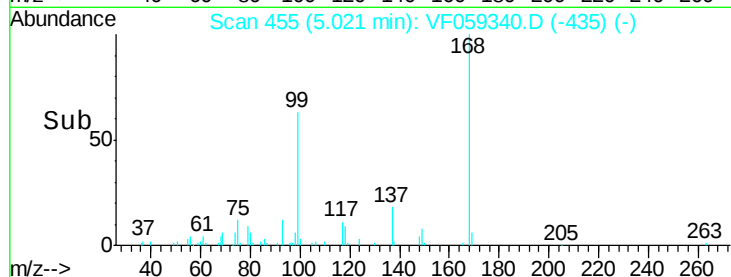
15000

10000

5000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 0.19 ug/l

RT: 5.00 min Scan# 453

Delta R.T. -0.01 min

Lab File: VF059340.D

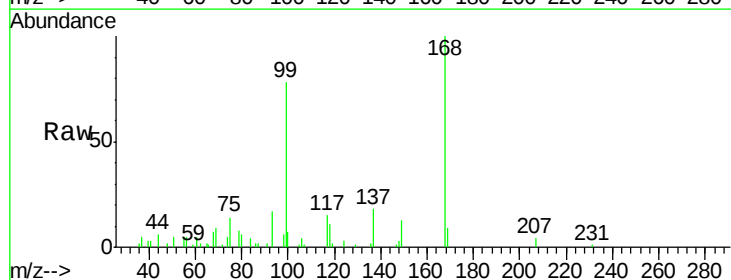
Acq: 27 Jun 2018 15:46

Tgt Ion: 65 Resp: 154

Ion Ratio Lower Upper

65 100

67 0.0 0.0 96.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.00

300

250

200

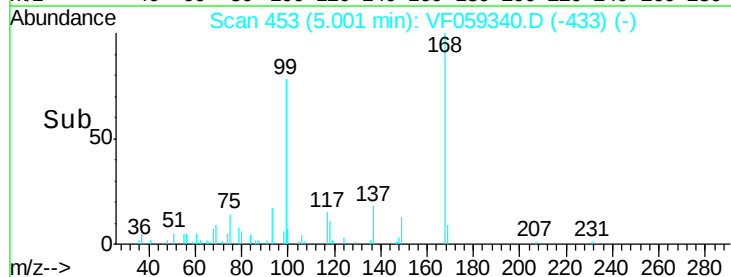
150

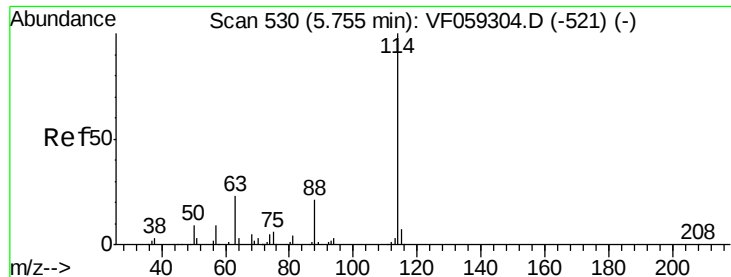
100

50

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 529

Delta R.T. -0.01 min

Lab File: VF059340.D

Acq: 27 Jun 2018 15:46

Instrument :

MSVOA_F

ClientSampleId :

A0C22-02

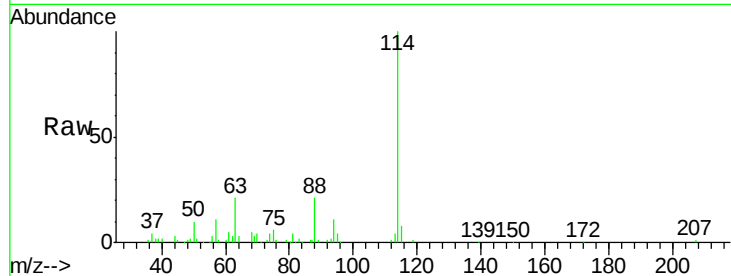
Tot Ion:114 Resp: 77615

Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.8

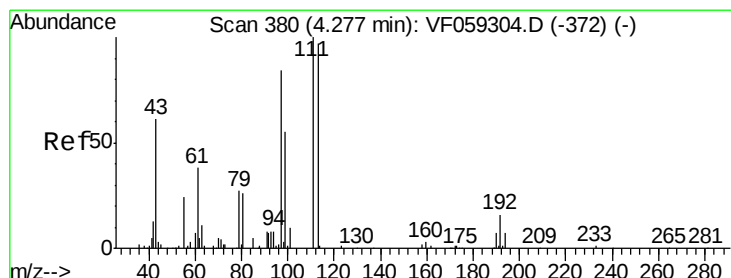
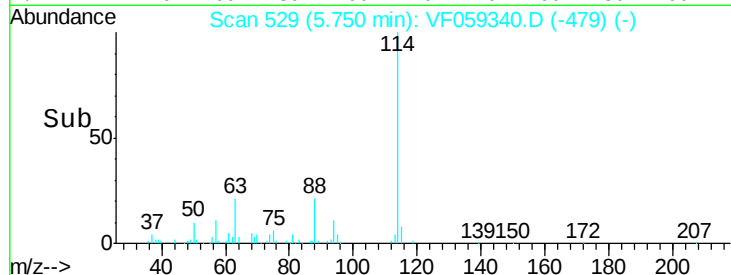
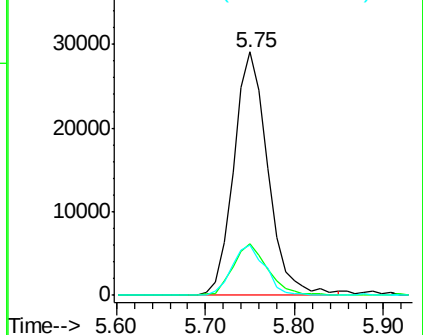
88 20.9 0.0 41.2



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: 0.79 ug/l

RT: 4.27 min Scan# 379

Delta R.T. -0.01 min

Lab File: VF059340.D

Acq: 27 Jun 2018 15:46

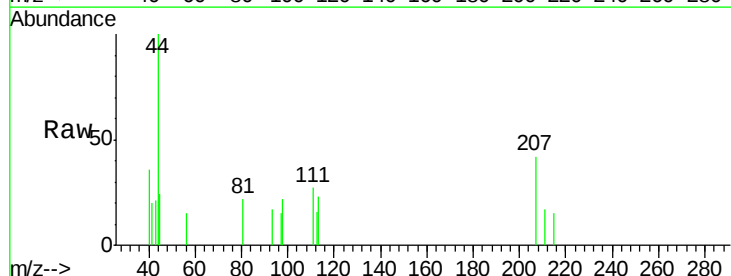
Tgt Ion:113 Resp: 447

Ion Ratio Lower Upper

113 100

111 69.7 82.1 123.1#

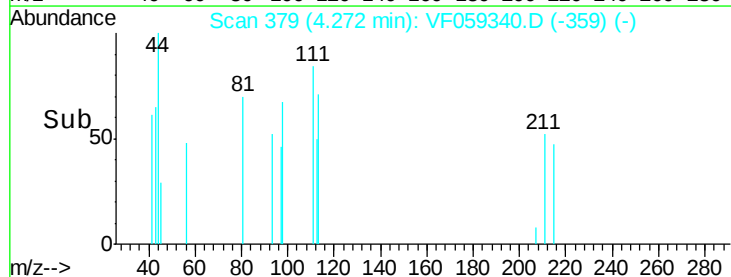
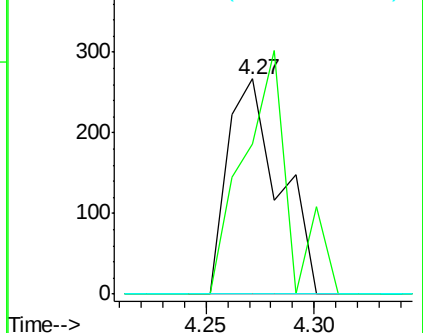
192 0.0 13.0 19.6#

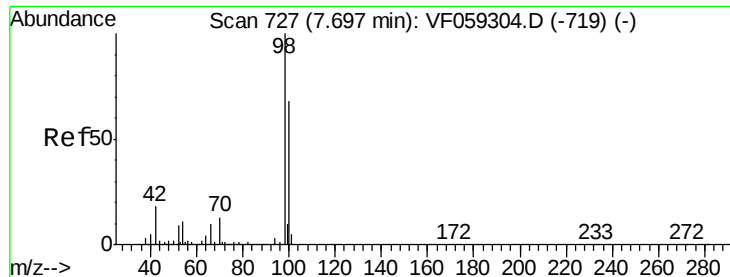


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 1.53 ug/l

RT: 7.69 min Scan# 726

Delta R.T. -0.01 min

Lab File: VF059340.D

Acq: 27 Jun 2018 15:46

Instrument :

MSVOA_F

ClientSampleId :

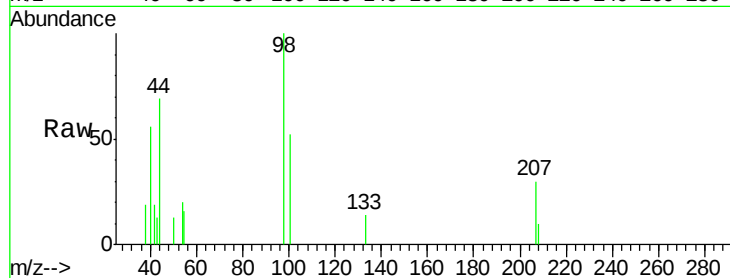
A0C22-02

Tot Ion: 98 Resp: 2147

Ion Ratio Lower Upper

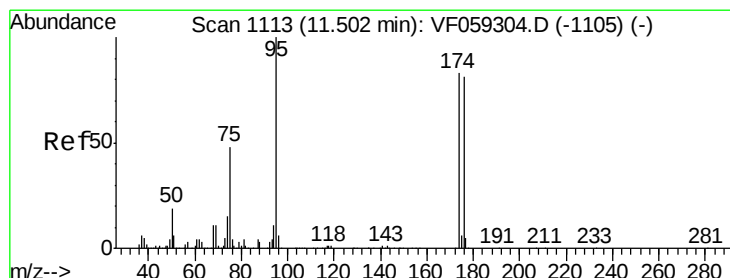
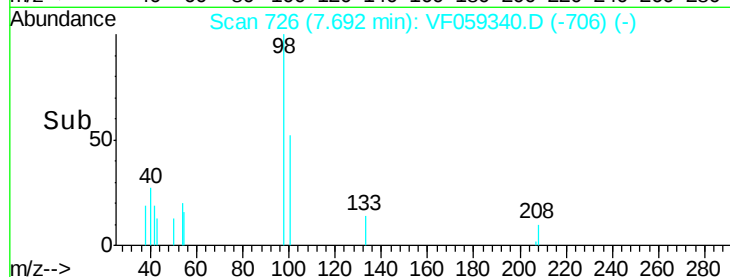
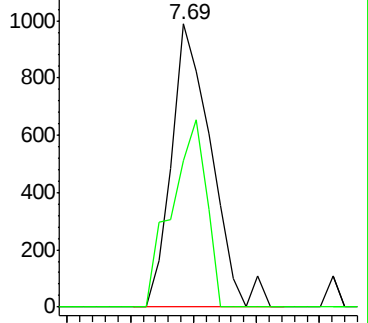
98 100

100 51.8 54.6 82.0#



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0



#62

4-Bromofluorobenzene

Concen: 1.44 ug/l

RT: 11.50 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VF059340.D

Acq: 27 Jun 2018 15:46

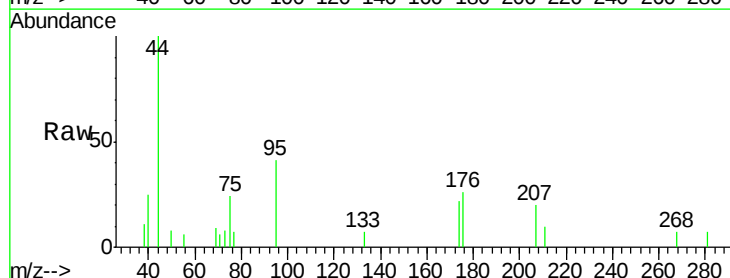
Tgt Ion: 95 Resp: 1141

Ion Ratio Lower Upper

95 100

174 53.4 0.0 165.2

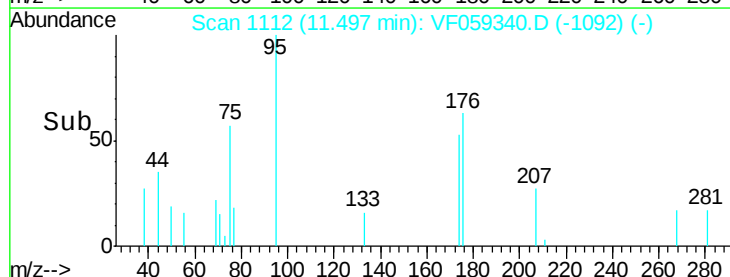
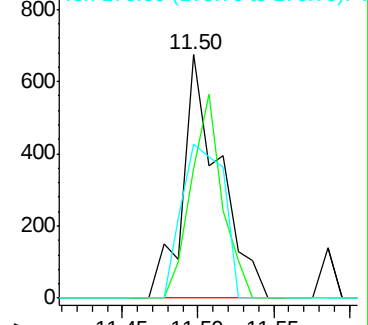
176 63.2 0.0 161.0

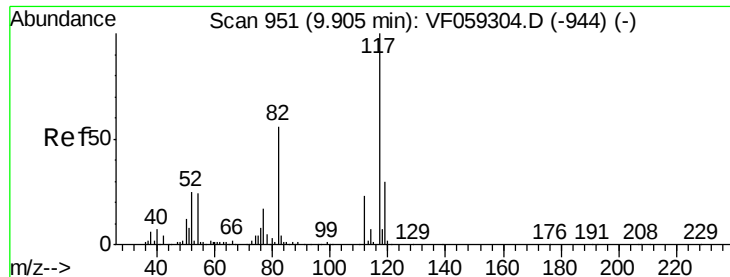


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

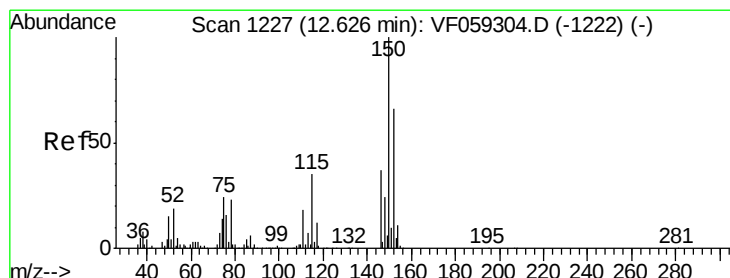
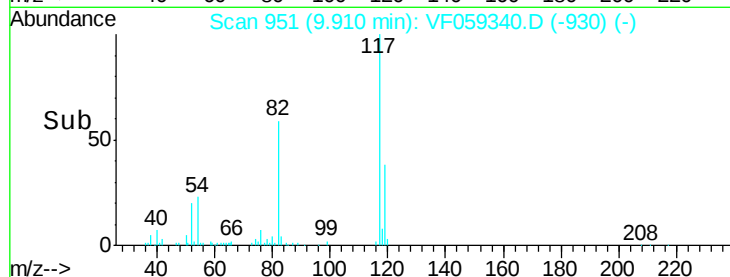
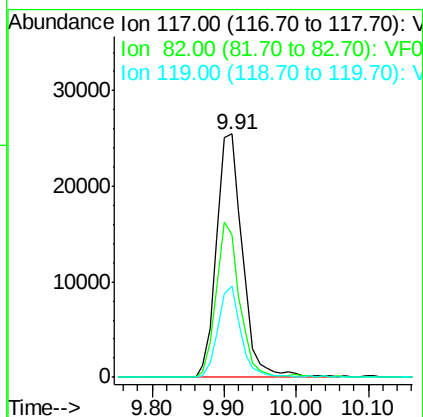
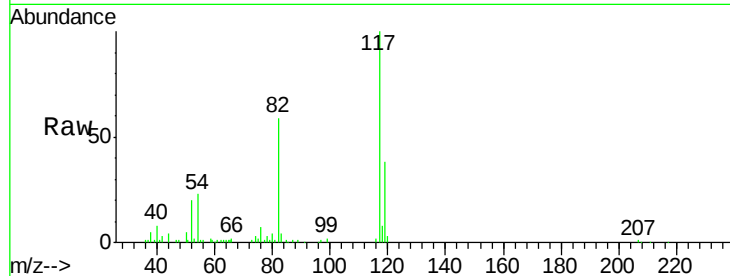




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. 0.00 min
Lab File: VF059340.D
Acq: 27 Jun 2018 15:46

Instrument :
MSVOA_F
ClientSampleId :
A0C22-02

Tot Ion:117 Resp: 63113
Ion Ratio Lower Upper
117 100
82 58.6 44.6 66.8
119 37.6 24.1 36.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. 0.00 min
Lab File: VF059340.D
Acq: 27 Jun 2018 15:46

Tgt Ion:152 Resp: 23598
Ion Ratio Lower Upper
152 100
115 50.4 27.1 81.3
150 142.5 0.0 305.2

