

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122718\
 Data File : VF061206.D
 Acq On : 27 Dec 2018 14:16
 Operator : VA/AP
 Sample : J6499-01RE
 Misc : 5.06g/5mL/MSVOA-F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 72-11989

Quant Time: Dec 27 16:26:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	223752	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	394093	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.75	117	365510	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.53	152	175673	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	147947	51.41	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	102.82%	
35) Dibromofluoromethane	4.09	113	80460	25.49	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	50.98%	
50) Toluene-d8	7.53	98	390105	43.61	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	87.22%	
62) 4-Bromofluorobenzene	11.39	95	182754	44.31	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	88.62%	

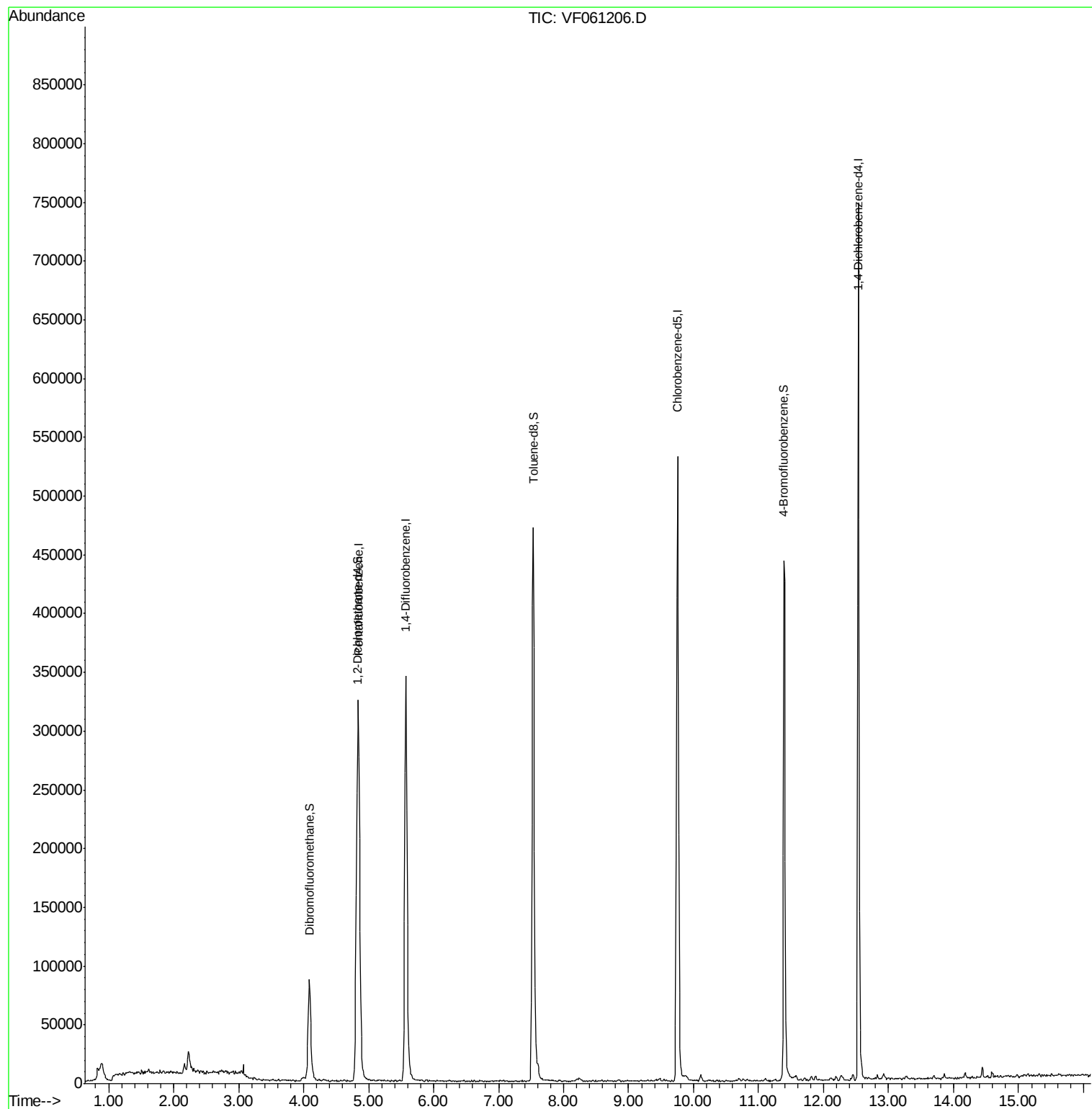
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.02 min

Lab File: VF061206.D

Acq: 27 Dec 2018 14:16

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ClientSampleId :

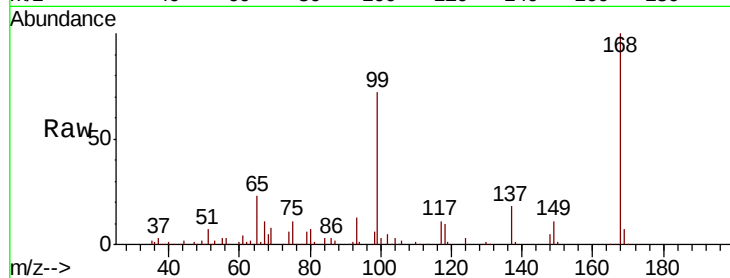
72-11989

Tot Ion:168 Resp: 223752

Ion Ratio Lower Upper

168 100

99 72.3 54.4 81.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

80000

60000

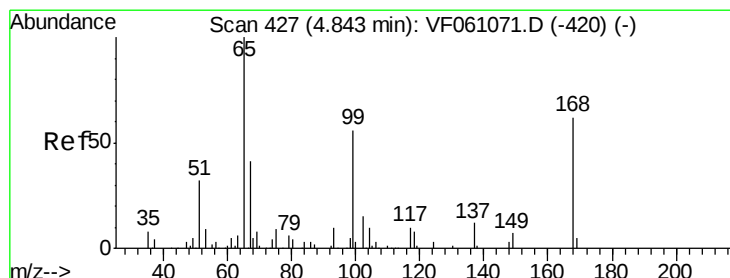
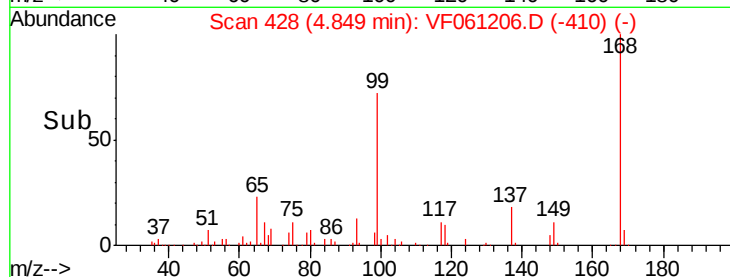
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 51.409 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.02 min

Lab File: VF061206.D

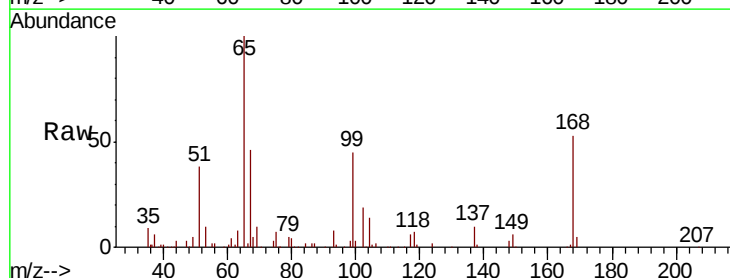
Acq: 27 Dec 2018 14:16

Tgt Ion: 65 Resp: 147947

Ion Ratio Lower Upper

65 100

67 46.3 0.0 94.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

60000

50000

40000

30000

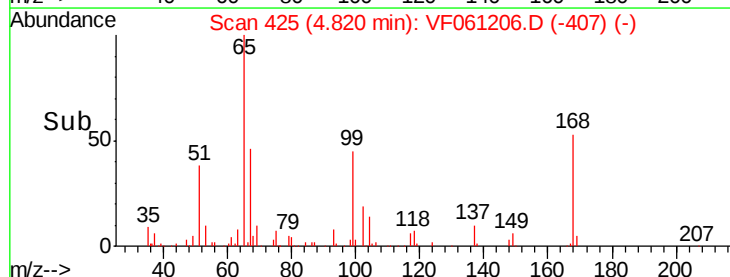
20000

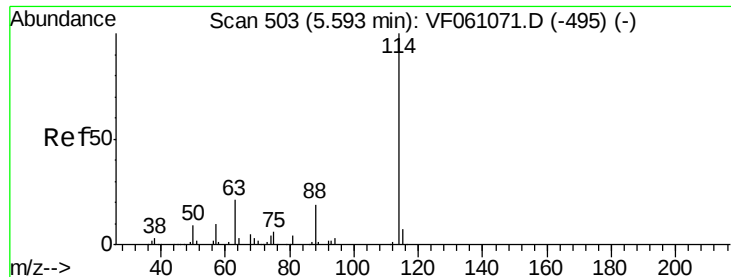
10000

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: VF061206.D

Acq: 27 Dec 2018 14:16

Instrument :

MSVOA_F

ClientSampleId :

72-11989

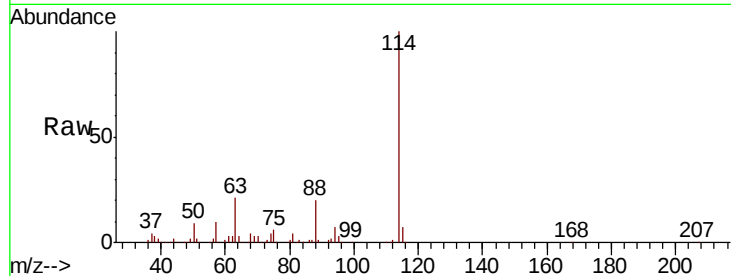
Tot Ion:114 Resp: 394093

Ion Ratio Lower Upper

114 100

63 21.5 0.0 41.6

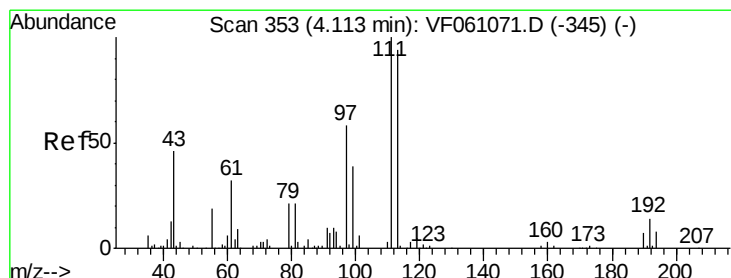
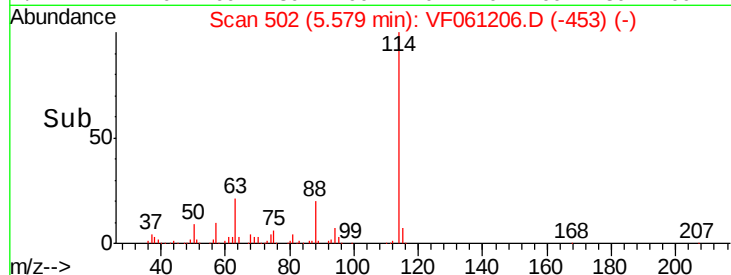
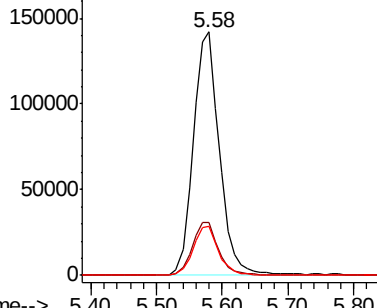
88 20.0 0.0 38.0



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: 25.487 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.02 min

Lab File: VF061206.D

Acq: 27 Dec 2018 14:16

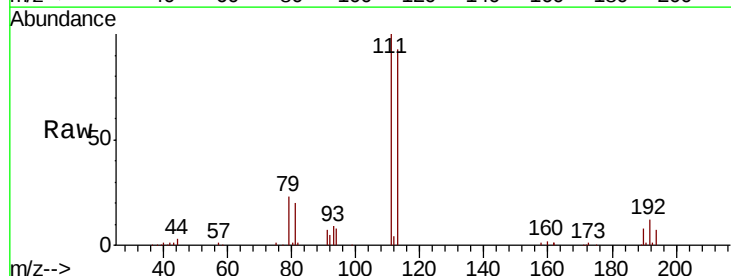
Tgt Ion:113 Resp: 80460

Ion Ratio Lower Upper

113 100

111 107.3 85.2 127.8

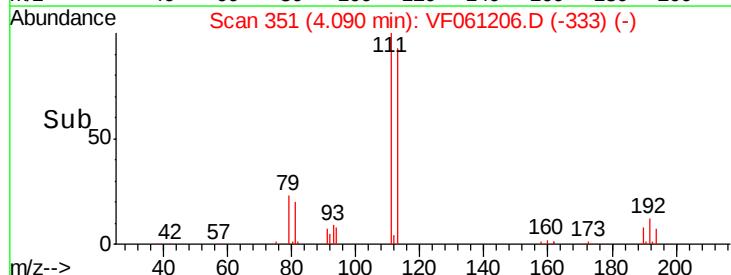
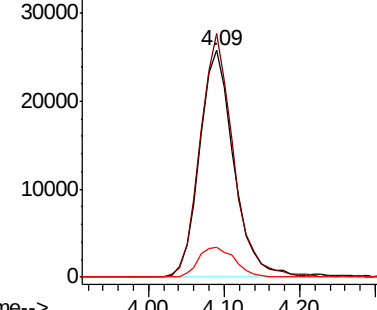
192 13.8 12.8 19.2

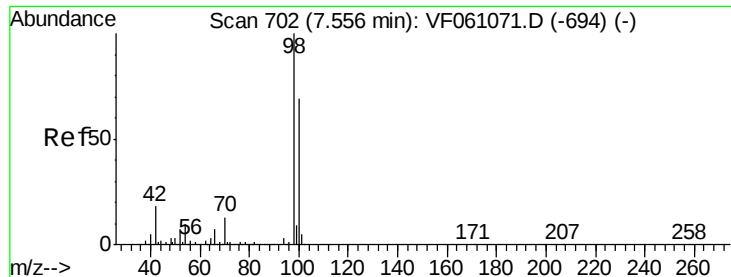


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

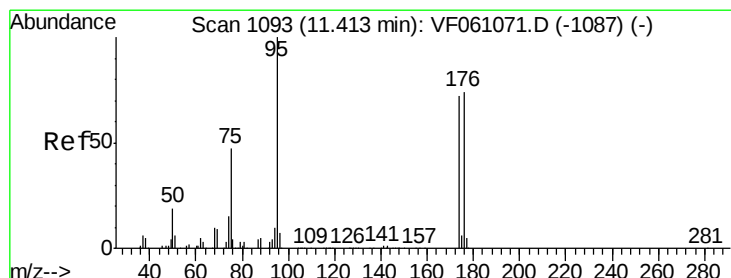
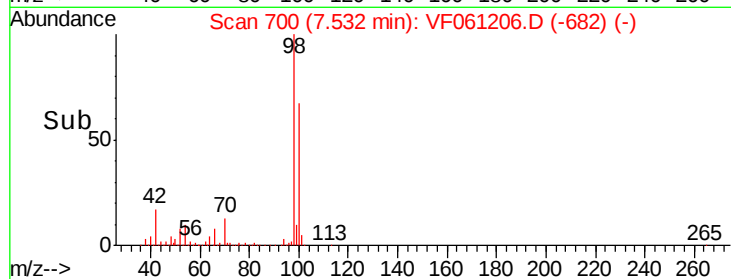
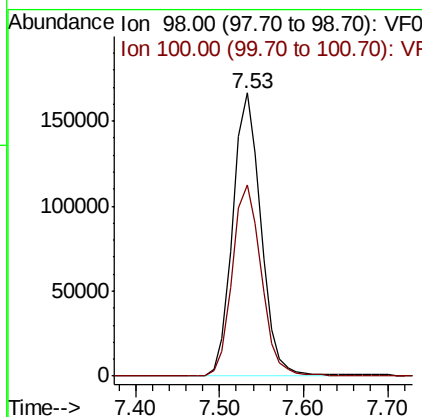
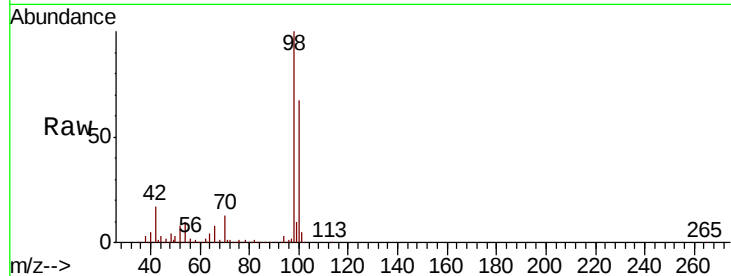




#50
Toluene-d8
Concen: 43.605 ug/l
RT: 7.53 min Scan# 700
Delta R.T. -0.02 min
Lab File: VF061206.D
Acq: 27 Dec 2018 14:16

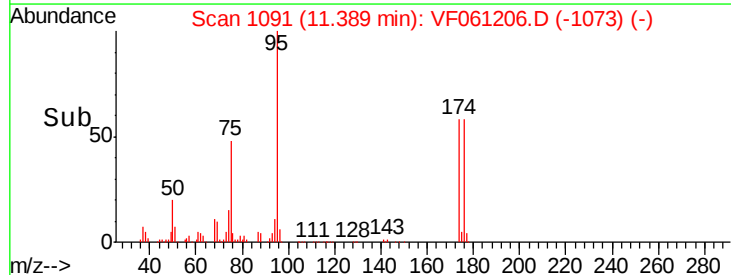
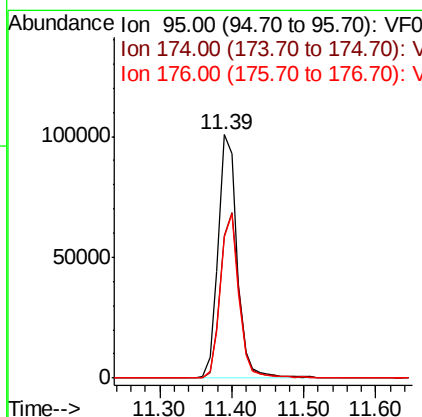
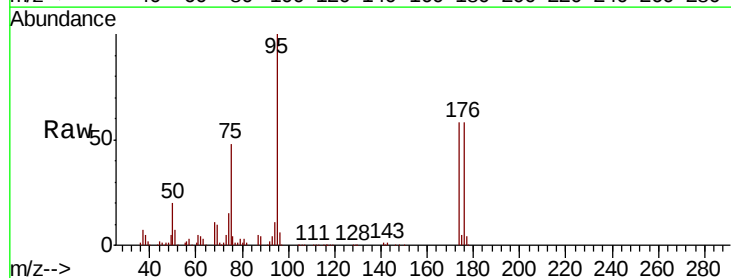
Instrument :
MSVOA_F
ClientSampleId :
72-11989

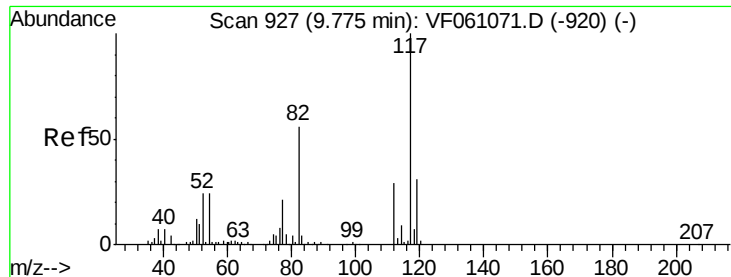
Tot Ion: 98 Resp: 390105
Ion Ratio Lower Upper
98 100
100 67.5 55.3 82.9



#62
4-Bromofluorobenzene
Concen: 44.311 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.02 min
Lab File: VF061206.D
Acq: 27 Dec 2018 14:16

Tgt Ion: 95 Resp: 182754
Ion Ratio Lower Upper
95 100
174 58.4 0.0 143.8
176 58.0 0.0 147.6

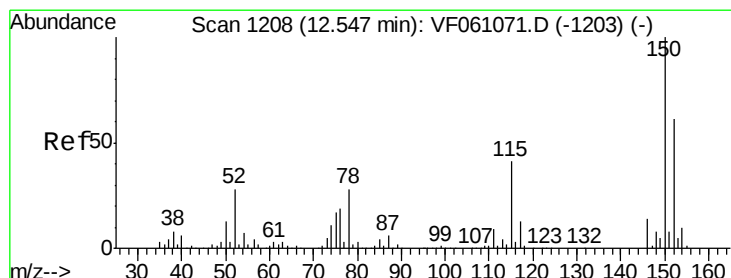
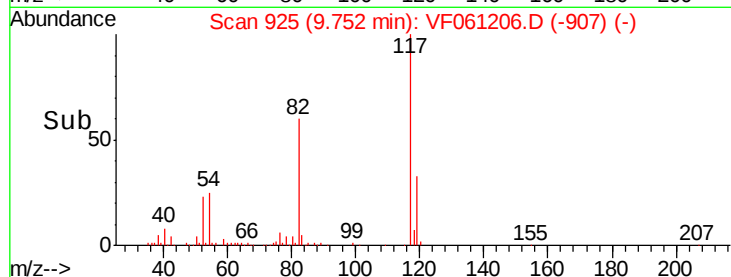
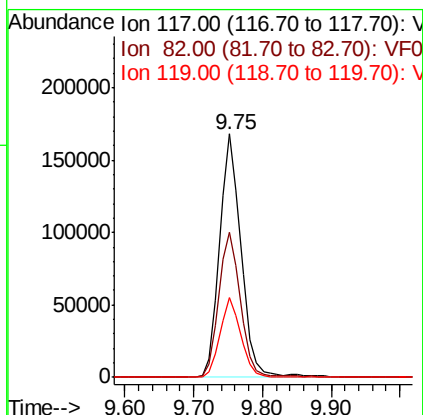
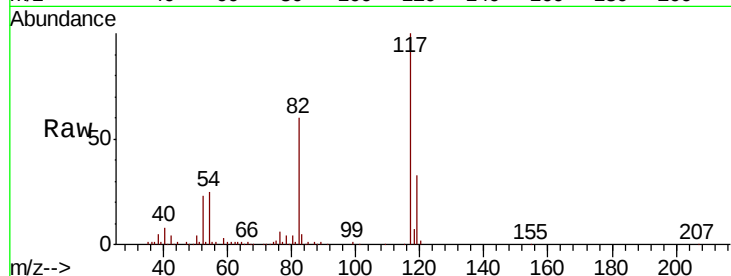




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.02 min
Lab File: VF061206.D
Acq: 27 Dec 2018 14:16

Instrument :
MSVOA_F
ClientSampleId :
72-11989

Tot Ion:117 Resp: 365510
Ion Ratio Lower Upper
117 100
82 59.6 45.0 67.4
119 32.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.53 min Scan# 1207
Delta R.T. -0.01 min
Lab File: VF061206.D
Acq: 27 Dec 2018 14:16

Tgt Ion:152 Resp: 175673
Ion Ratio Lower Upper
152 100
115 63.5 33.3 99.9
150 155.3 0.0 328.2

