

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122618\
 Data File : VF061188.D
 Acq On : 26 Dec 2018 15:08
 Operator : VA/AP
 Sample : J6447-08
 Misc : 4.71g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS025-1218-01

Quant Time: Dec 27 08:17:00 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	137722	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	233825	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.76	117	188688	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	67155	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.83	65	91331	51.56	ug/l	-0.01
Spiked Amount			Recovery	=	103.12%	
35) Dibromofluoromethane	4.09	113	99895	53.33	ug/l	-0.02
Spiked Amount			Recovery	=	106.66%	
50) Toluene-d8	7.54	98	210296	39.62	ug/l	-0.02
Spiked Amount			Recovery	=	79.24%	
62) 4-Bromofluorobenzene	11.40	95	79605	32.53	ug/l	-0.01
Spiked Amount			Recovery	=	65.06%	

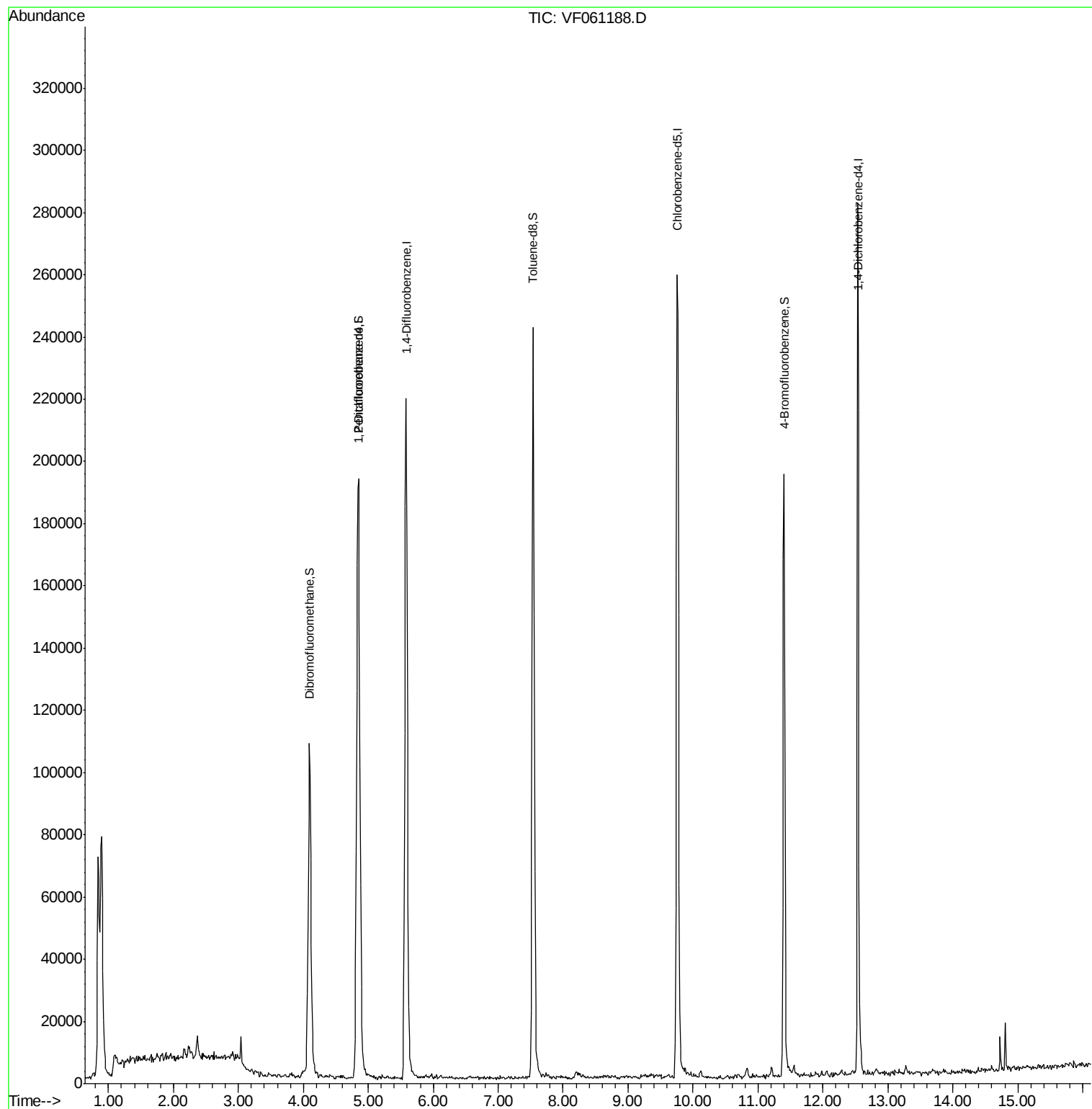
Target Compounds	Qvalue
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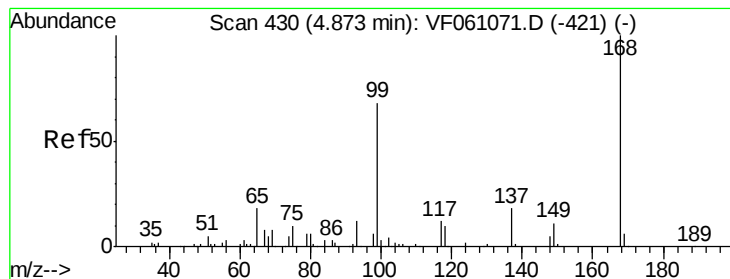
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF122618\
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Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.02 min

Lab File: VF061188.D

Acq: 26 Dec 2018 15:08

Instrument :

MSVOA_F

ClientSampleId :

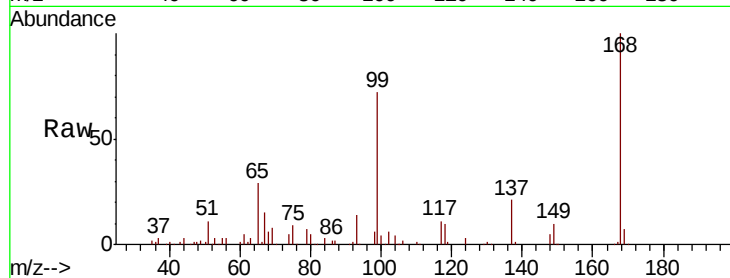
P001-SS025-1218-01

Tot Ion:168 Resp: 137722

Ion Ratio Lower Upper

168 100

99 72.1 54.4 81.6



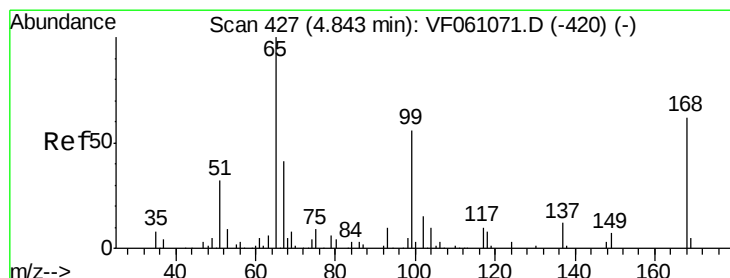
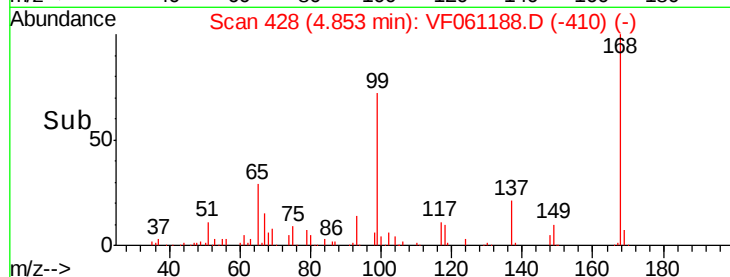
Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

Time-->

4.70 4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 51.560 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.01 min

Lab File: VF061188.D

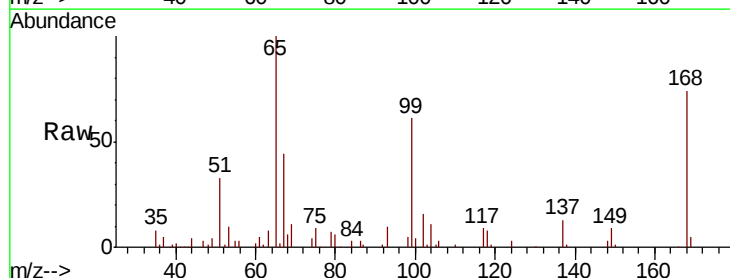
Acq: 26 Dec 2018 15:08

Tgt Ion: 65 Resp: 91331

Ion Ratio Lower Upper

65 100

67 43.8 0.0 94.6



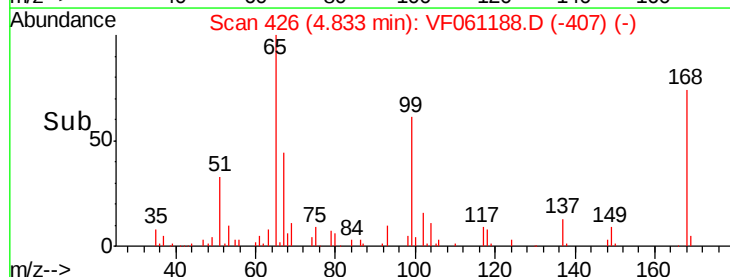
Abundance Ion 65.00 (64.70 to 65.70): VF0

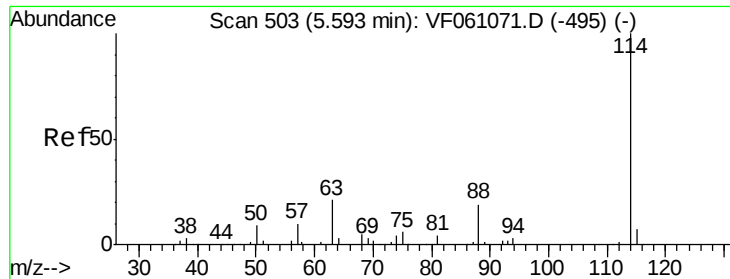
Ion 67.00 (66.70 to 67.70): VF0

4.83

Time-->

4.70 4.80 4.90 5.00

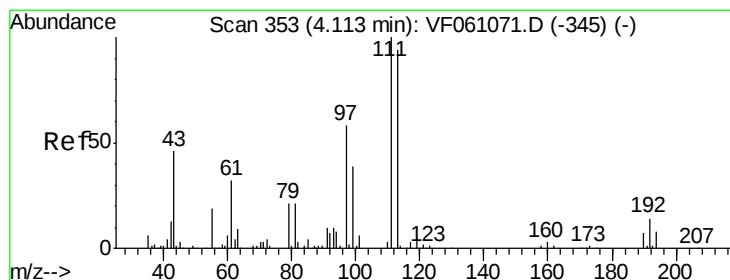
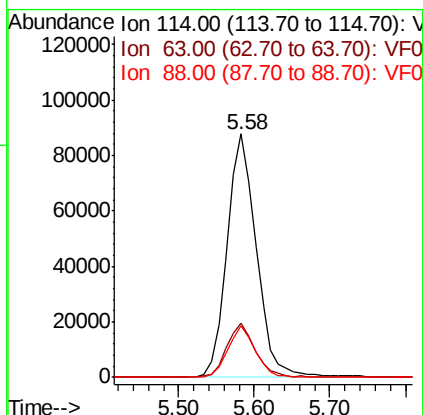
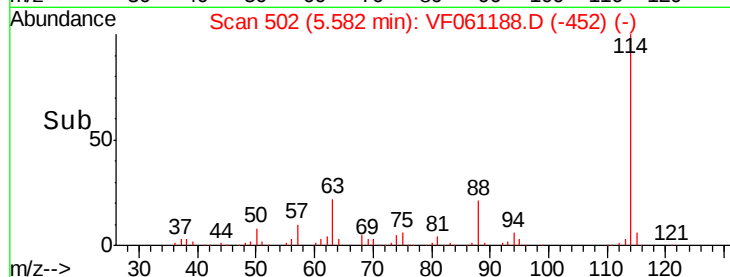
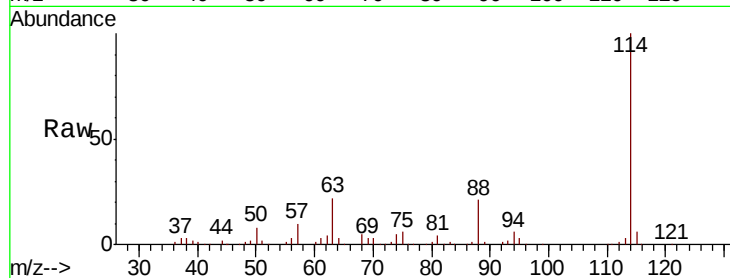




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.58 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: VF061188.D
 Acq: 26 Dec 2018 15:08

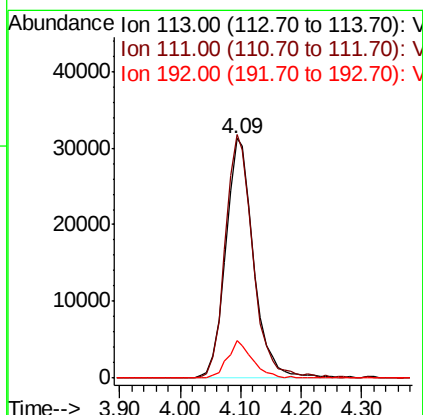
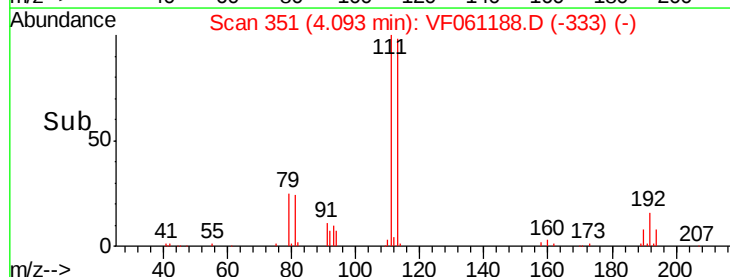
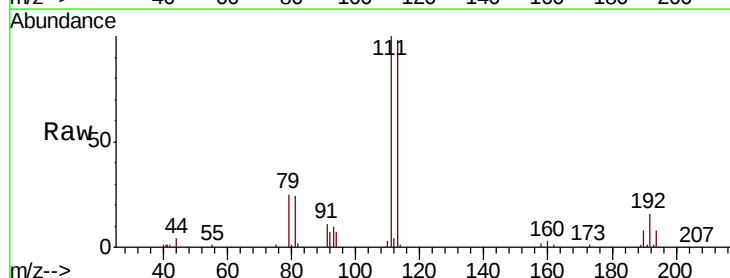
Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS025-1218-01

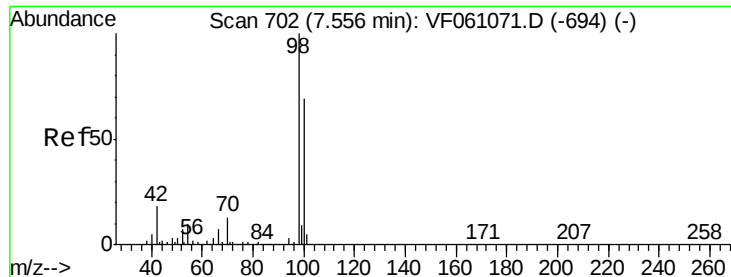
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	41.6
88	21.2	0.0	38.0



#35
 Dibromofluoromethane
 Concen: 53.332 ug/l
 RT: 4.09 min Scan# 351
 Delta R.T. -0.02 min
 Lab File: VF061188.D
 Acq: 26 Dec 2018 15:08

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	85.2	127.8
192	15.9	12.8	19.2





#50

Toluene-d8

Concen: 39.618 ug/l

RT: 7.54 min Scan# 700

Delta R.T. -0.02 min

Lab File: VF061188.D

Acq: 26 Dec 2018 15:08

Instrument :

MSVOA_F

ClientSampleId :

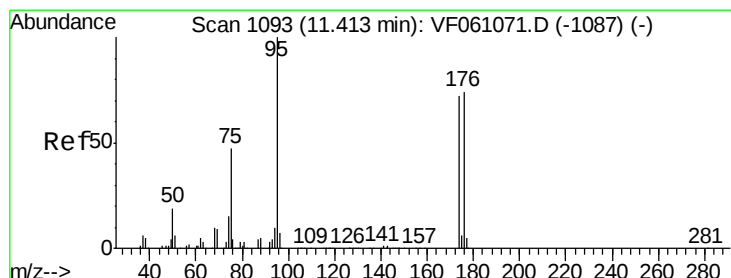
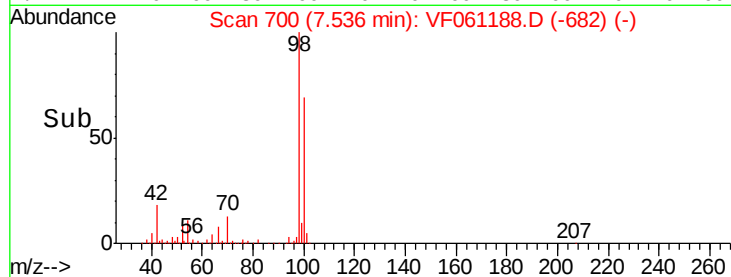
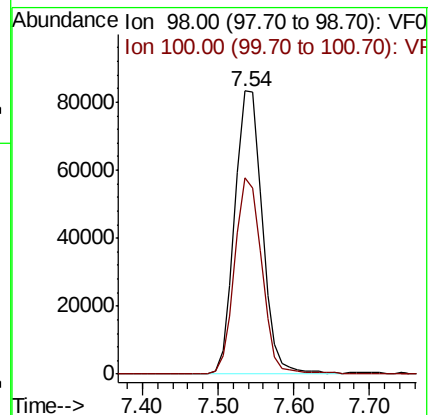
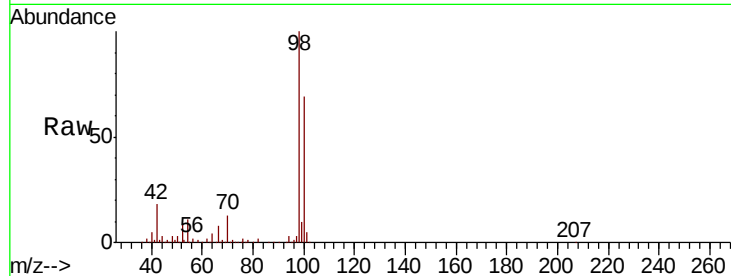
P001-SS025-1218-01

Tot Ion: 98 Resp: 210296

Ion Ratio Lower Upper

98 100

100 69.4 55.3 82.9



#62

4-Bromofluorobenzene

Concen: 32.531 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VF061188.D

Acq: 26 Dec 2018 15:08

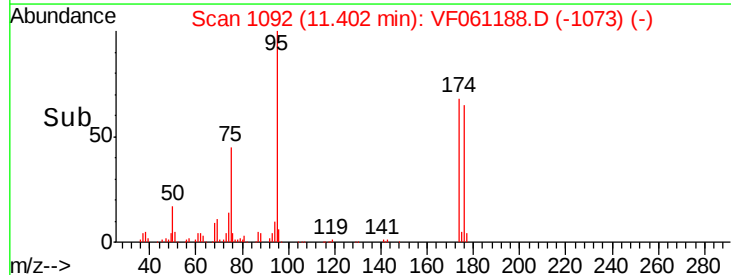
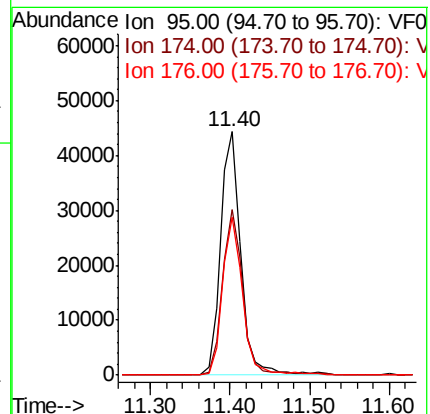
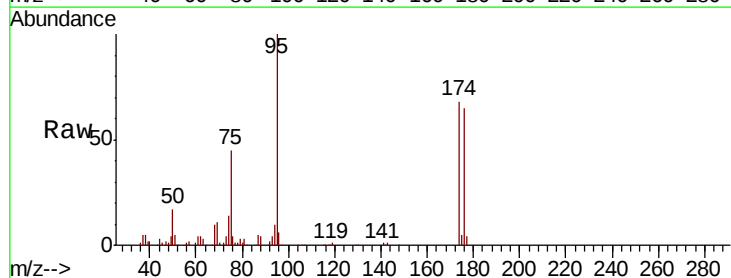
Tgt Ion: 95 Resp: 79605

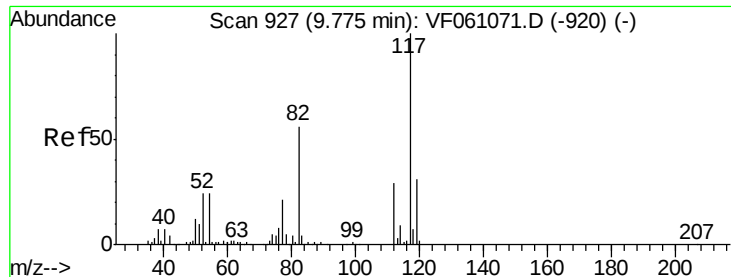
Ion Ratio Lower Upper

95 100

174 68.0 0.0 143.8

176 64.7 0.0 147.6

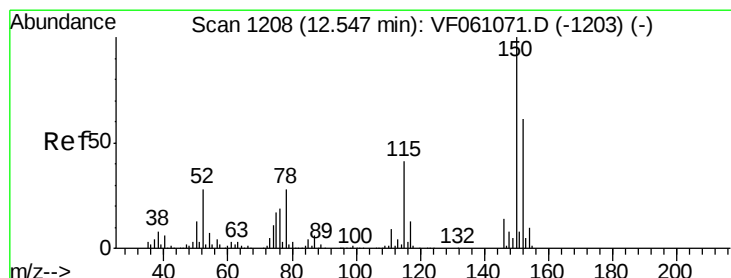
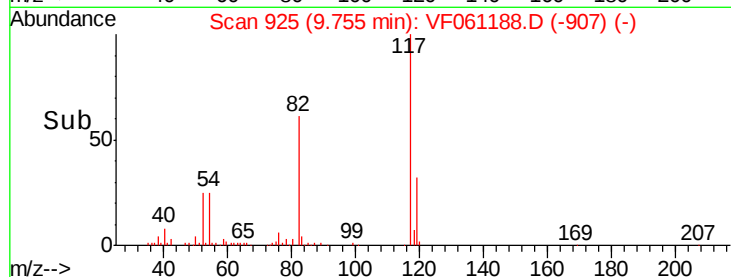
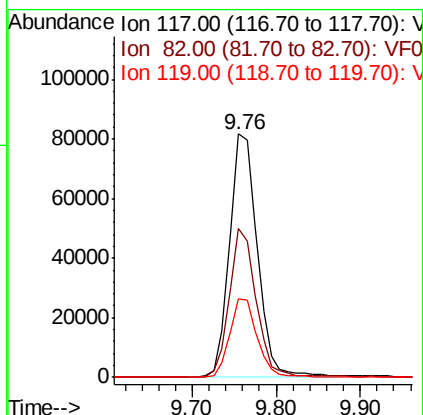
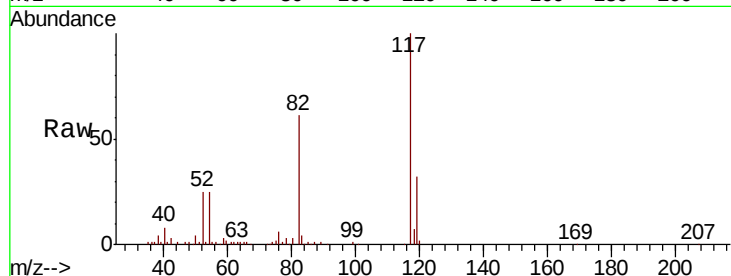




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 925
Delta R.T. -0.02 min
Lab File: VF061188.D
Acq: 26 Dec 2018 15:08

Instrument :
MSVOA_F
ClientSampleId :
P001-SS025-1218-01

Tot Ion:117 Resp: 188688
Ion Ratio Lower Upper
117 100
82 61.0 45.0 67.4
119 32.0 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.01 min
Lab File: VF061188.D
Acq: 26 Dec 2018 15:08

Tgt Ion:152 Resp: 67155
Ion Ratio Lower Upper
152 100
115 66.9 33.3 99.9
150 152.3 0.0 328.2

