

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111218\
 Data File : VF060697.D
 Acq On : 12 Nov 2018 21:27
 Operator : VA/AP
 Sample : J5907-22RE
 Misc : 7.29g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-3-DRE

Quant Time: Nov 13 04:50:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	24011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.58	114	28584	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.77	117	18426	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	4584	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	3944	16.26	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	32.52%	
35) Dibromofluoromethane	4.10	113	5673	25.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	51.38%	
50) Toluene-d8	7.55	98	24810	37.92	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	75.84%	
62) 4-Bromofluorobenzene	11.40	95	5877	20.54	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	41.08%	

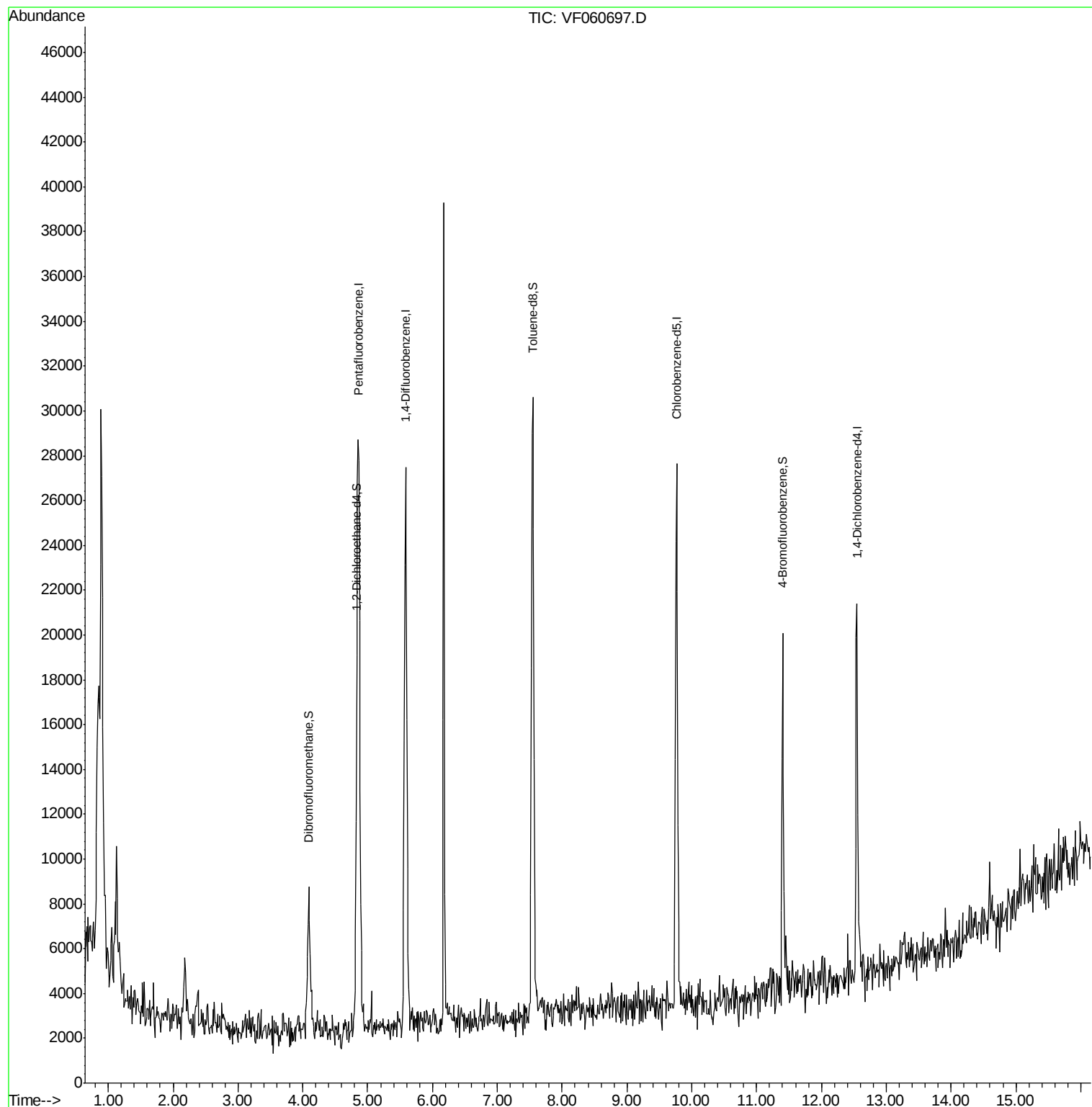
Target Compounds	Qvalue
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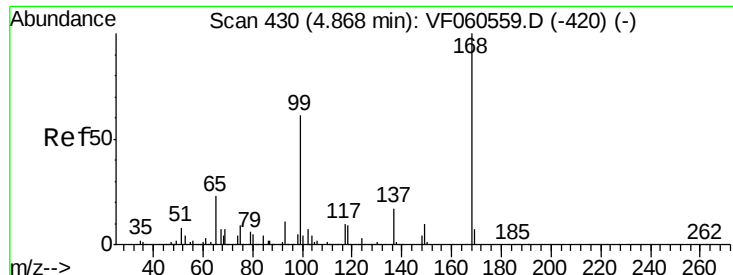
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.00 min

Lab File: VF060697.D

Acq: 12 Nov 2018 21:27

Instrument :

MSVOA_F

ClientSampleId :

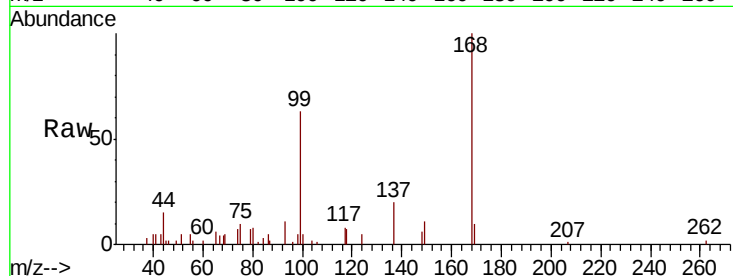
TP-3-DRE

Tot Ion:168 Resp: 24011

Ion Ratio Lower Upper

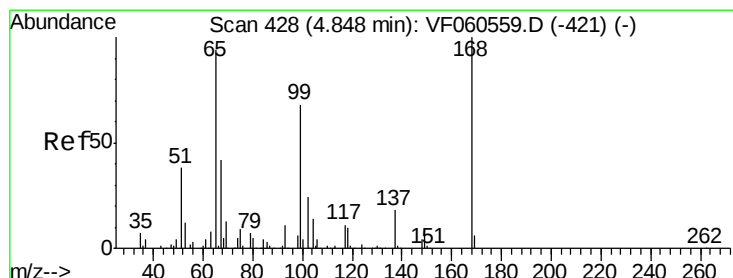
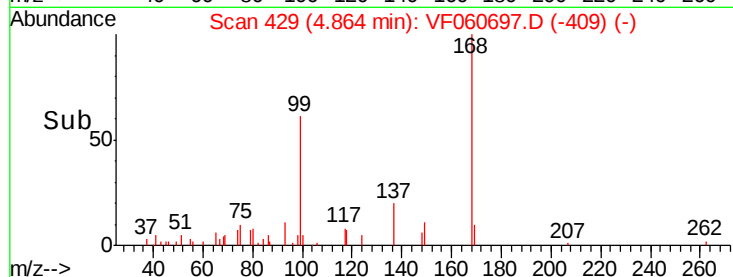
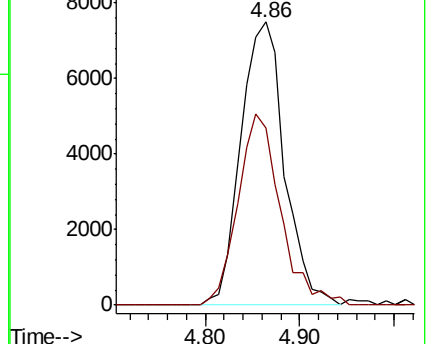
168 100

99 62.5 48.6 72.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 16.257 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.02 min

Lab File: VF060697.D

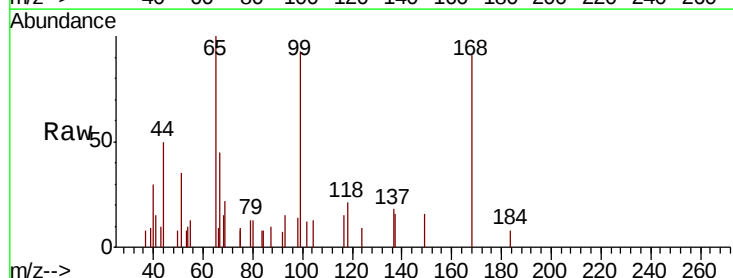
Acq: 12 Nov 2018 21:27

Tgt Ion: 65 Resp: 3944

Ion Ratio Lower Upper

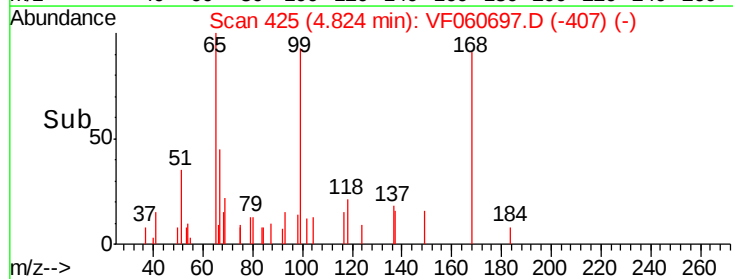
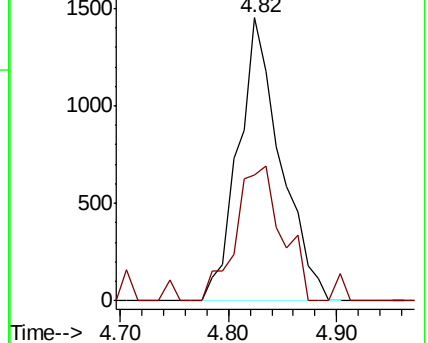
65 100

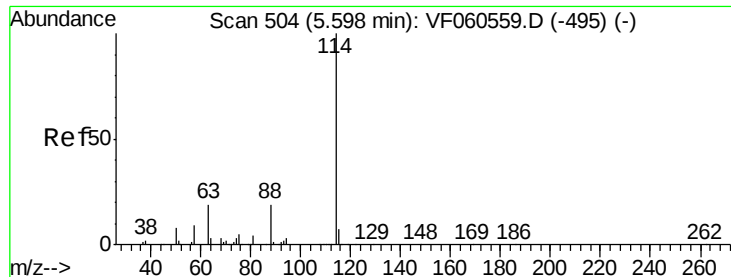
67 44.6 0.0 101.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.01 min

Lab File: VF060697.D

Acq: 12 Nov 2018 21:27

Instrument :

MSVOA_F

ClientSampleId :

TP-3-DRE

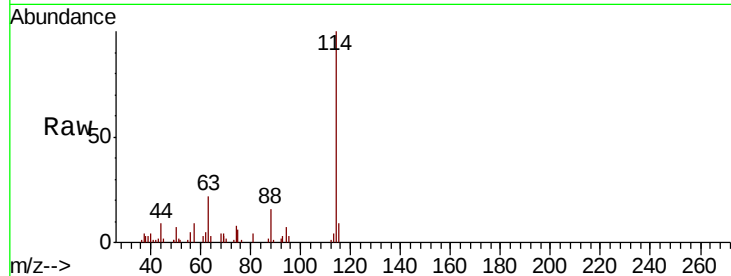
Tot Ion:114 Resp: 28584

Ion Ratio Lower Upper

114 100

63 21.8 0.0 39.0

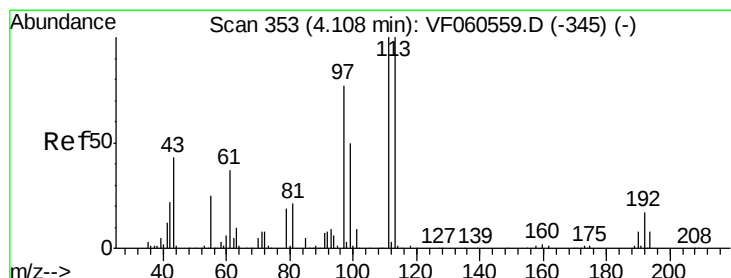
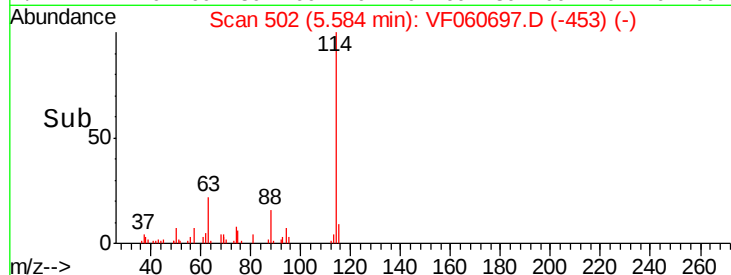
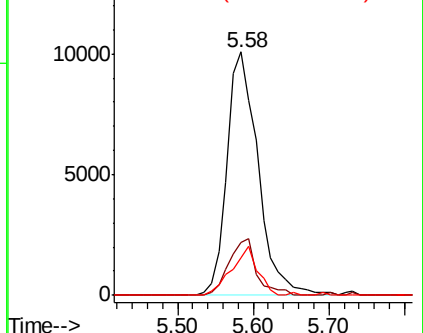
88 15.6 0.0 38.2



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: 25.688 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.00 min

Lab File: VF060697.D

Acq: 12 Nov 2018 21:27

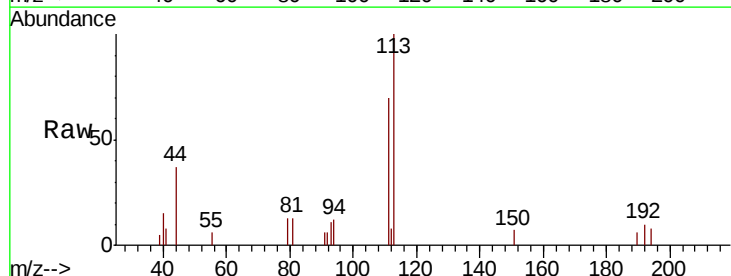
Tgt Ion:113 Resp: 5673

Ion Ratio Lower Upper

113 100

111 70.2 79.9 119.9#

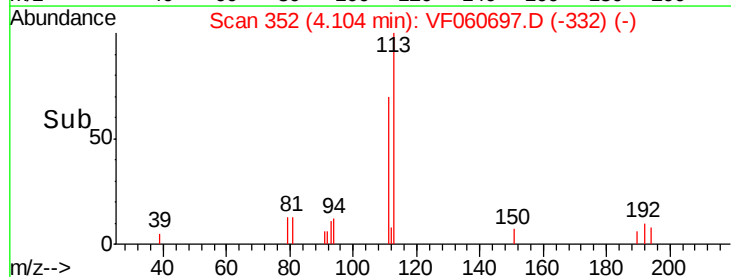
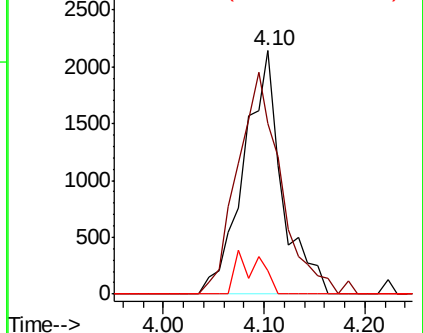
192 9.6 13.3 19.9#



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

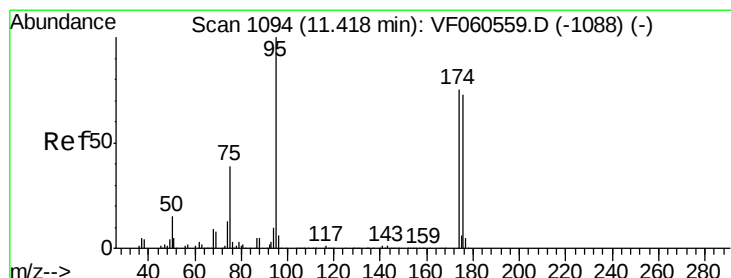
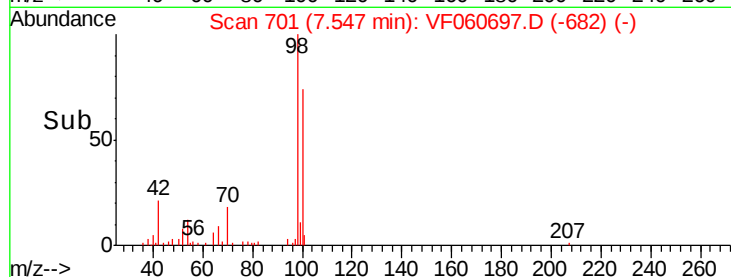
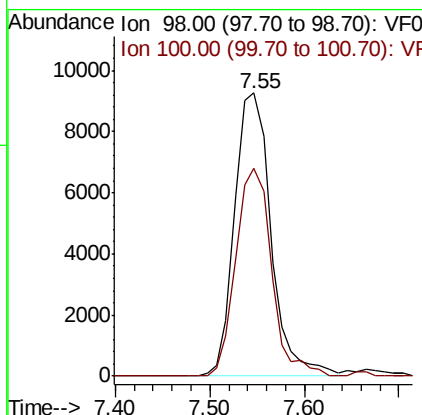
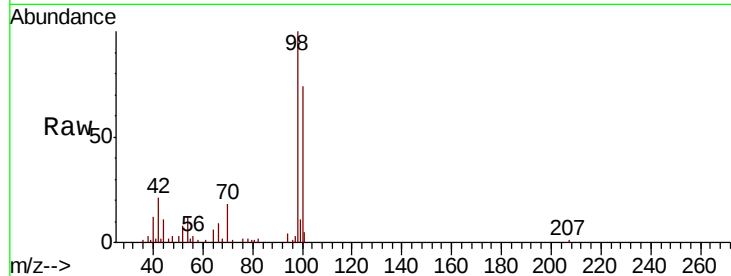




#50
Toluene-d8
Concen: 37.925 ug/l
RT: 7.55 min Scan# 701
Delta R.T. -0.01 min
Lab File: VF060697.D
Acq: 12 Nov 2018 21:27

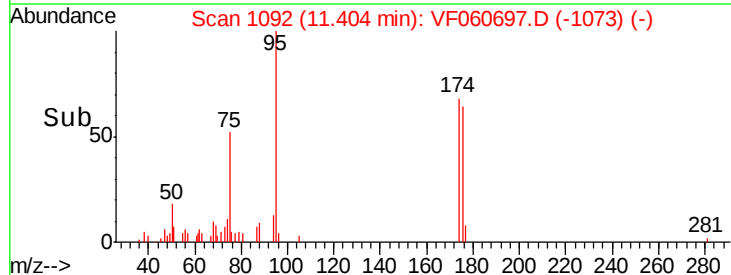
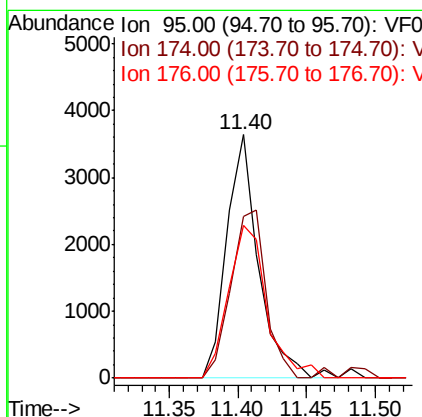
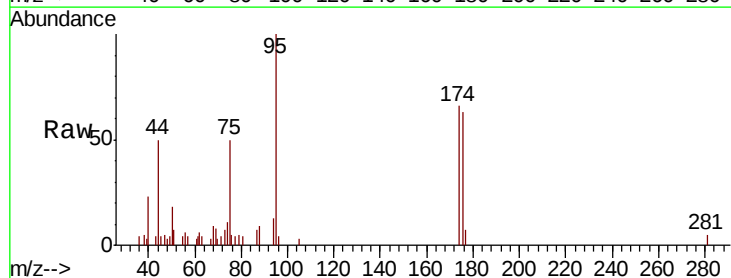
Instrument :
MSVOA_F
ClientSampleId :
TP-3-DRE

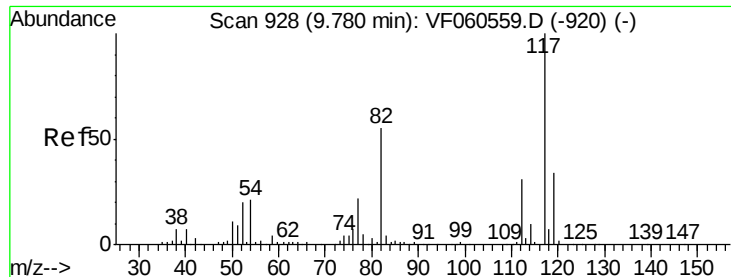
Tot Ion: 98 Resp: 24810
Ion Ratio Lower Upper
98 100
100 73.7 59.4 89.2



#62
4-Bromofluorobenzene
Concen: 20.538 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VF060697.D
Acq: 12 Nov 2018 21:27

Tgt Ion: 95 Resp: 5877
Ion Ratio Lower Upper
95 100
174 66.2 0.0 149.0
176 62.7 0.0 145.6

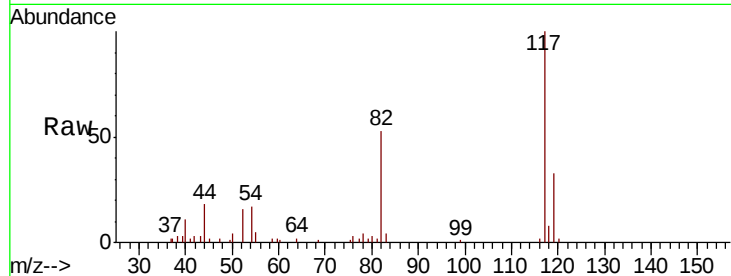




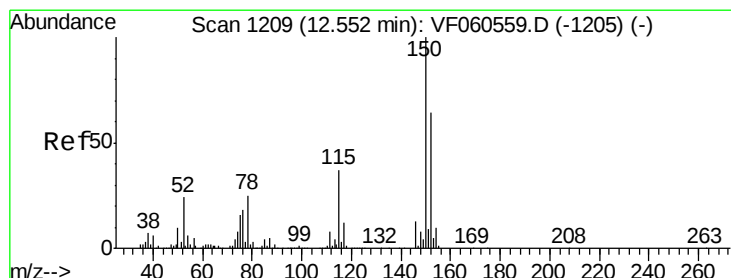
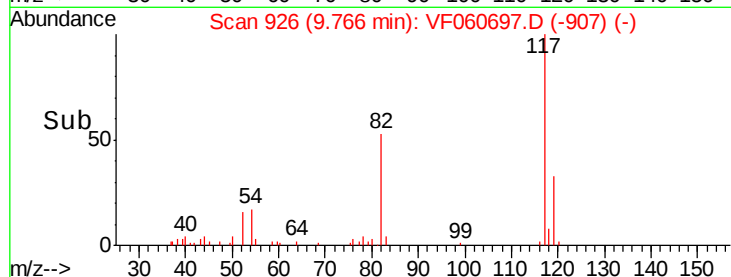
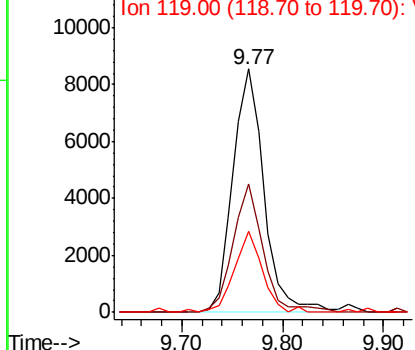
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 926
Delta R.T. -0.01 min
Lab File: VF060697.D
Acq: 12 Nov 2018 21:27

Instrument :
MSVOA_F
ClientSampleId :
TP-3-DRE

Tot Ion:117 Resp: 18426
Ion Ratio Lower Upper
117 100
82 52.5 43.9 65.9
119 33.5 27.4 41.0

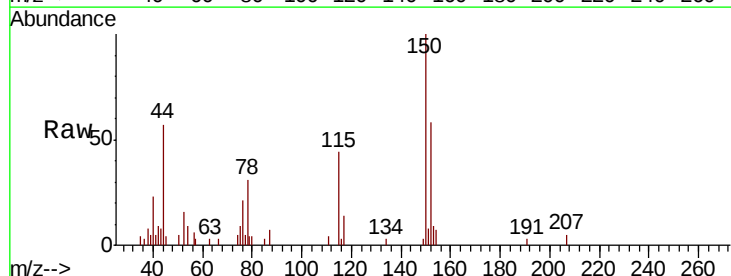


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.00 min
Lab File: VF060697.D
Acq: 12 Nov 2018 21:27

Tgt Ion:152 Resp: 4584
Ion Ratio Lower Upper
152 100
115 75.9 29.6 88.8
150 171.2 0.0 315.6



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V

