

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF082818\
 Data File : VF060145.D
 Acq On : 28 Aug 2018 12:56
 Operator : VA/AP
 Sample : VF0828SBL01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0828SBL01

Quant Time: Aug 28 15:06:03 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 04:43:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	161302	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.75	114	226107	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	259005	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	167304	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	107509	48.70	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	97.40%	
35) Dibromofluoromethane	4.29	113	108841	61.30	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	122.60%	
50) Toluene-d8	7.71	98	271366	53.82	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	107.64%	
62) 4-Bromofluorobenzene	11.51	95	145665	54.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.22%	

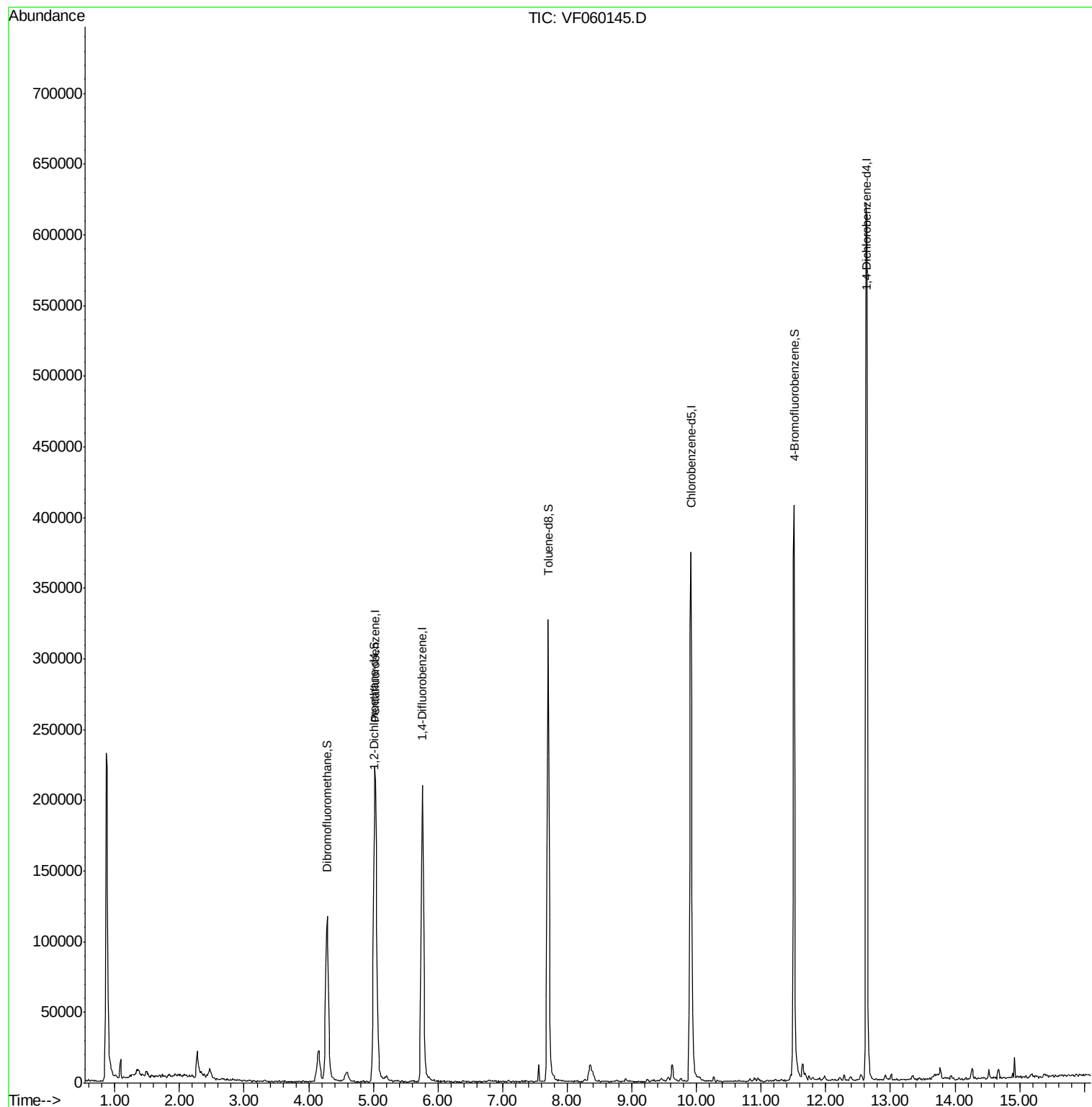
Target Compounds	Qvalue

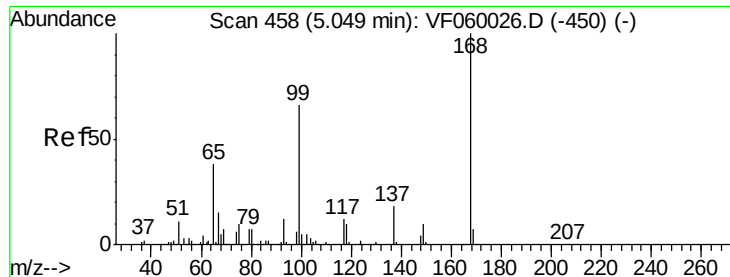
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 04:43:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF060145.D

Acq: 28 Aug 2018 12:56

Instrument :

MSVOA_F

ClientSampleId :

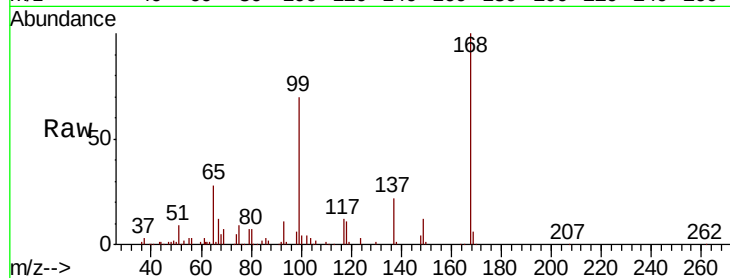
VF0828SBL01

Tot Ion:168 Resp: 161302

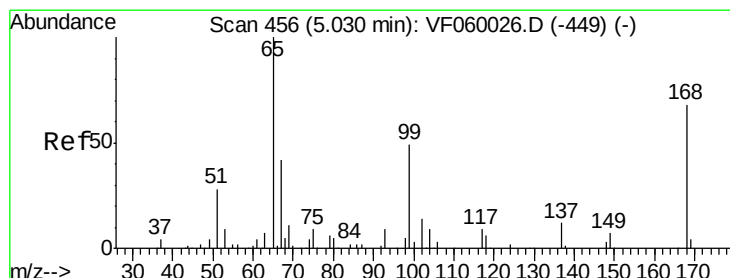
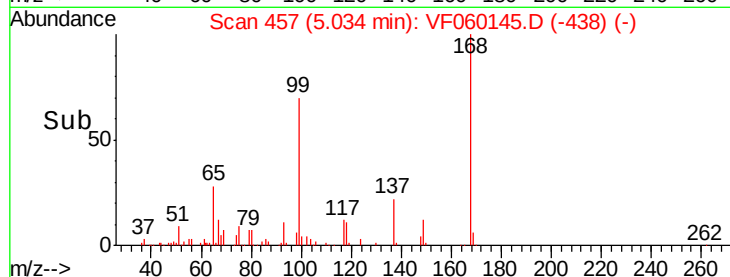
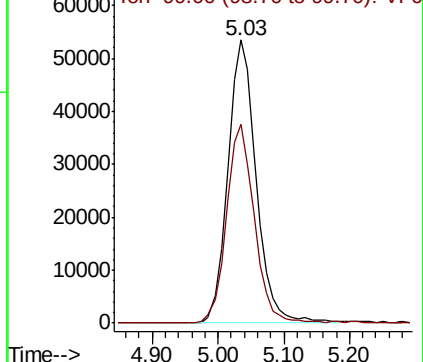
Ion Ratio Lower Upper

168 100

99 70.3 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 48.70 ug/l

RT: 5.00 min Scan# 454

Delta R.T. -0.02 min

Lab File: VF060145.D

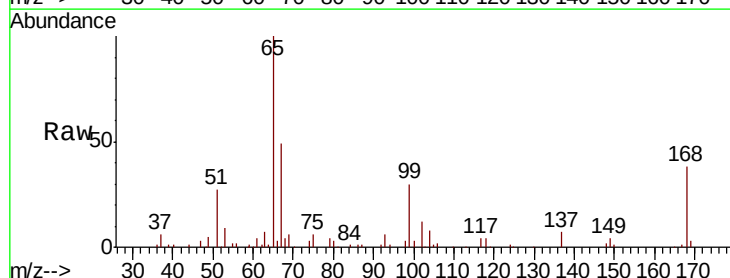
Acq: 28 Aug 2018 12:56

Tgt Ion: 65 Resp: 107509

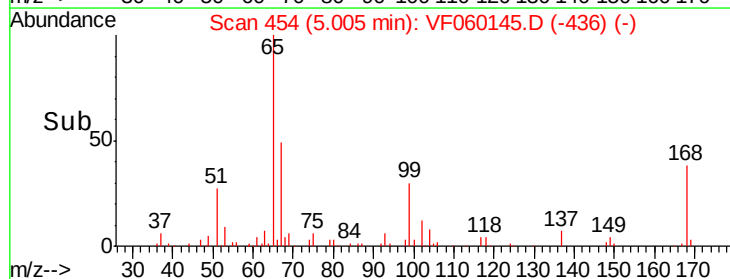
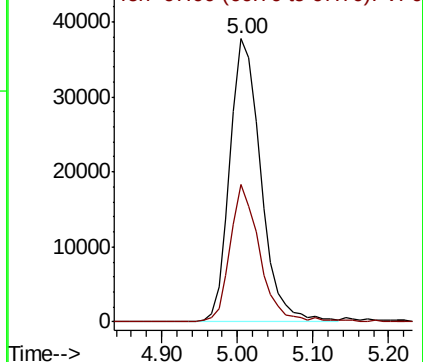
Ion Ratio Lower Upper

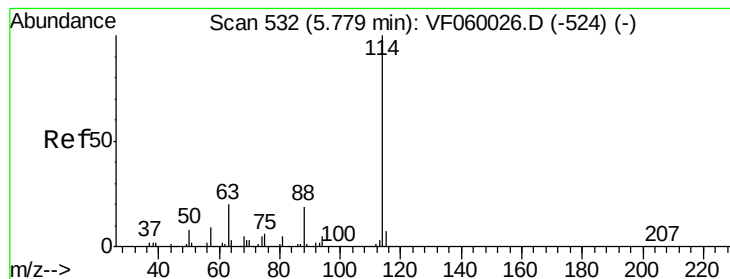
65 100

67 48.7 0.0 92.0



Abundance Ion 65.00 (64.70 to 65.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 530

Delta R.T. -0.02 min

Lab File: VF060145.D

Acq: 28 Aug 2018 12:56

Instrument :

MSVOA_F

ClientSampleId :

VF0828SBL01

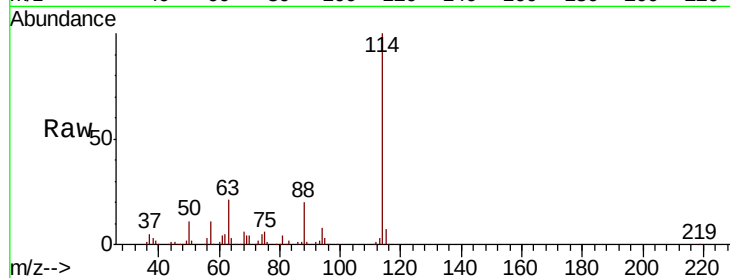
Tot Ion:114 Resp: 226107

Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.4

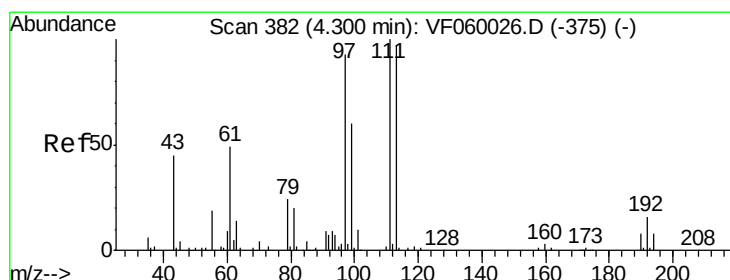
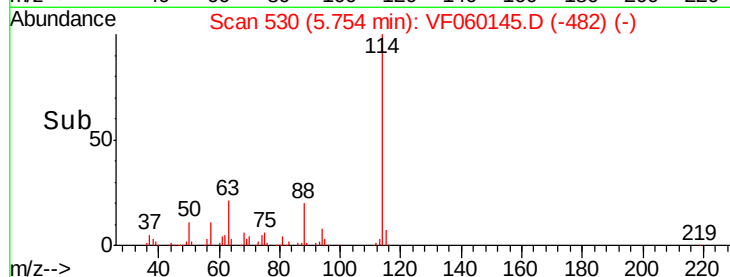
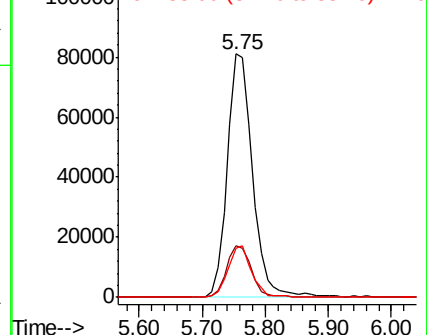
88 19.9 0.0 38.6



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: 61.30 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.01 min

Lab File: VF060145.D

Acq: 28 Aug 2018 12:56

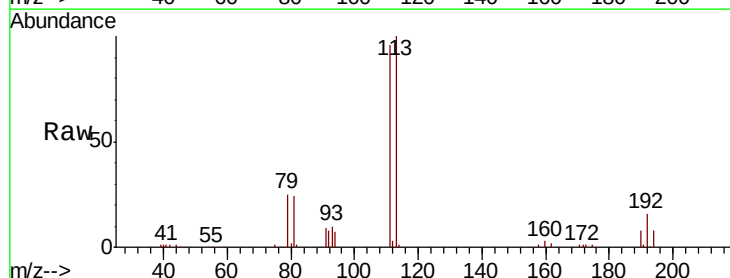
Tgt Ion:113 Resp: 108841

Ion Ratio Lower Upper

113 100

111 95.5 82.7 124.1

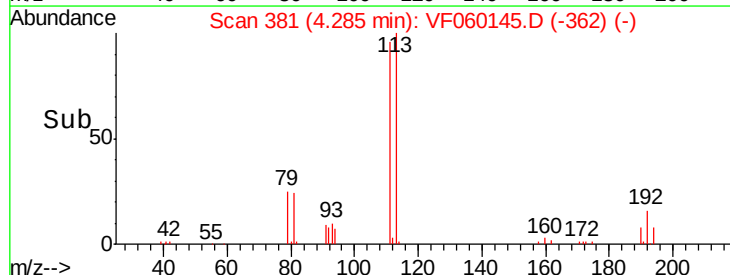
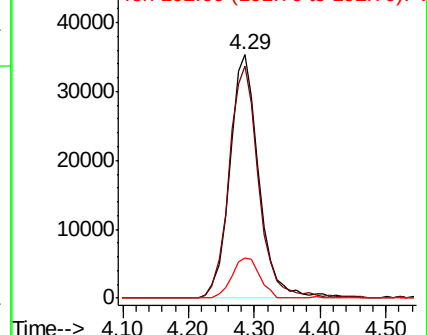
192 16.2 13.0 19.4

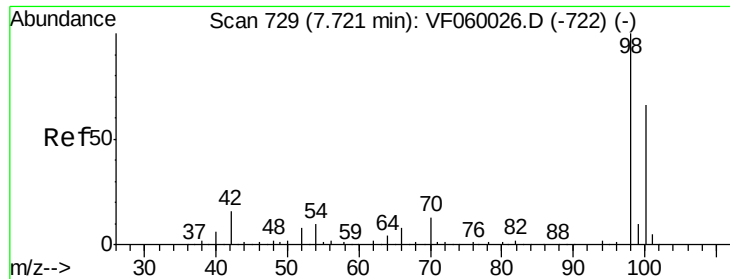


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

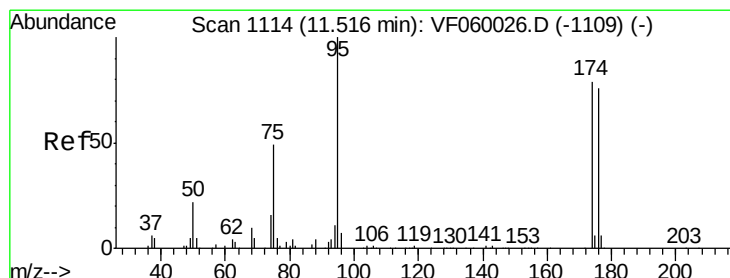
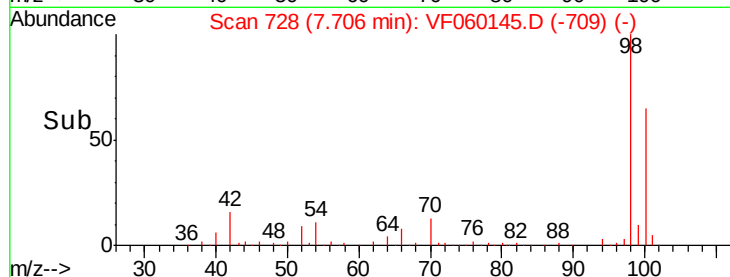
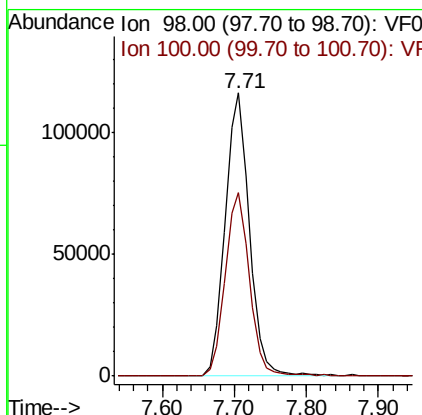
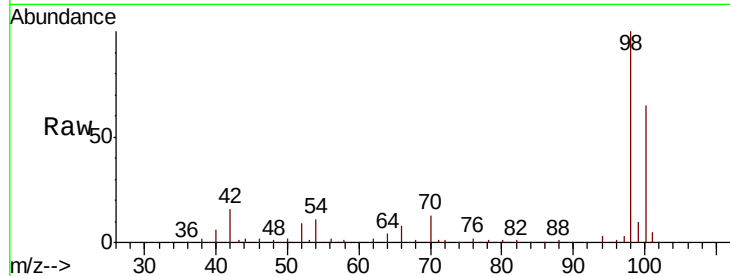




#50
Toluene-d8
Concen: 53.82 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.01 min
Lab File: VF060145.D
Acq: 28 Aug 2018 12:56

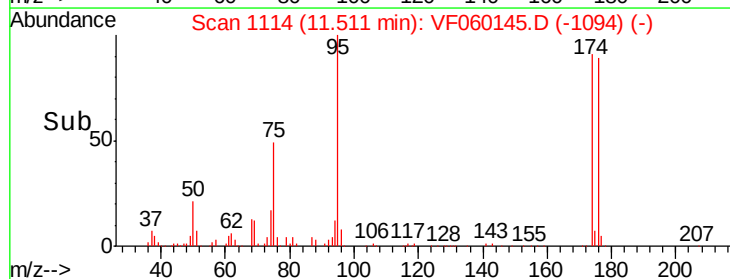
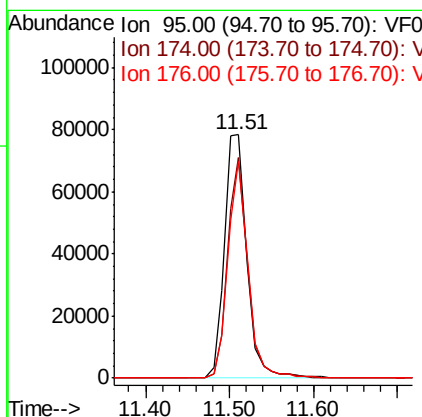
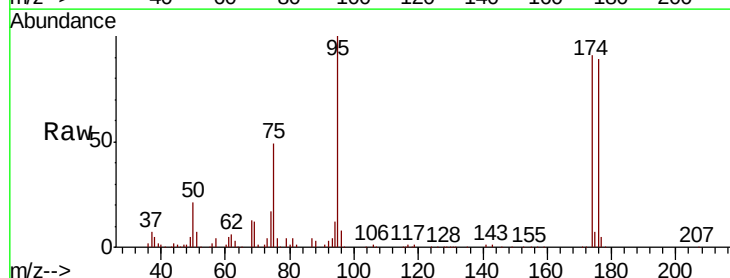
Instrument :
MSVOA_F
ClientSampleId :
VF0828SBL01

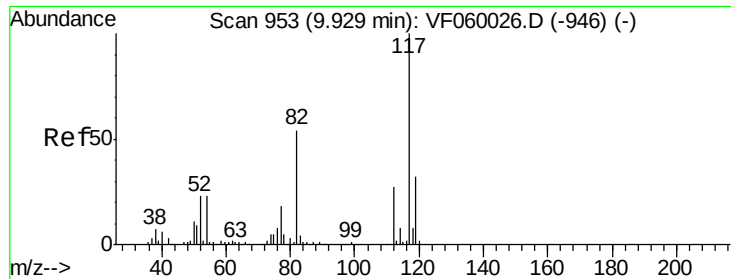
Tot Ion: 98 Resp: 271366
Ion Ratio Lower Upper
98 100
100 65.1 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 54.61 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. -0.01 min
Lab File: VF060145.D
Acq: 28 Aug 2018 12:56

Tgt Ion: 95 Resp: 145665
Ion Ratio Lower Upper
95 100
174 90.8 0.0 158.4
176 89.1 0.0 153.0

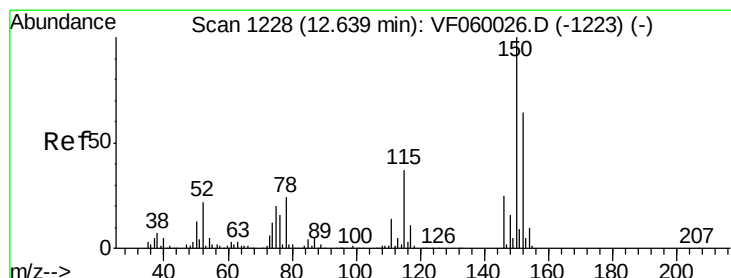
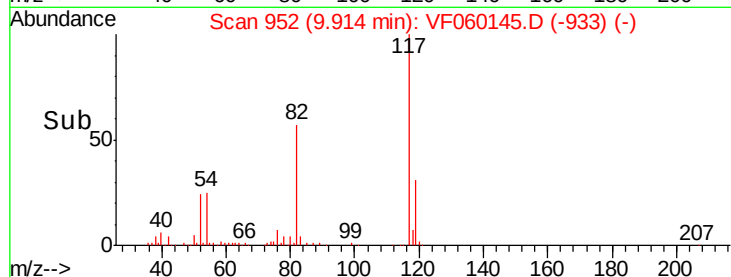
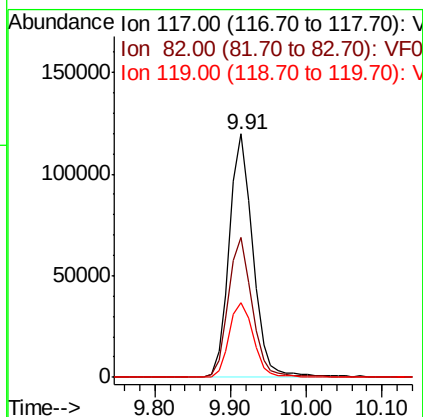
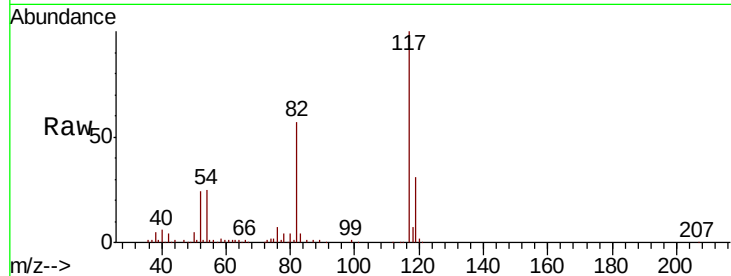




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.01 min
Lab File: VF060145.D
Acq: 28 Aug 2018 12:56

Instrument :
MSVOA_F
ClientSampleId :
VF0828SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.2	43.6	65.4
119	30.5	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. -0.01 min
Lab File: VF060145.D
Acq: 28 Aug 2018 12:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.7	28.6	85.9
150	160.9	0.0	312.0

