

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092818\
 Data File : VF060385.D
 Acq On : 28 Sep 2018 23:36
 Operator : VA/AP
 Sample : J5171-01
 Misc : 5.51/5mL/MSVOA F/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 KR-RO-VNJ-221

Quant Time: Sep 29 01:21:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 20 02:58:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	266070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	467015	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	381447	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	194163	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	205103	57.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.50%	
35) Dibromofluoromethane	4.27	113	224839	54.01	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	108.02%	
50) Toluene-d8	7.69	98	499024	46.03	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	92.06%	
62) 4-Bromofluorobenzene	11.50	95	202259	43.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.32%	

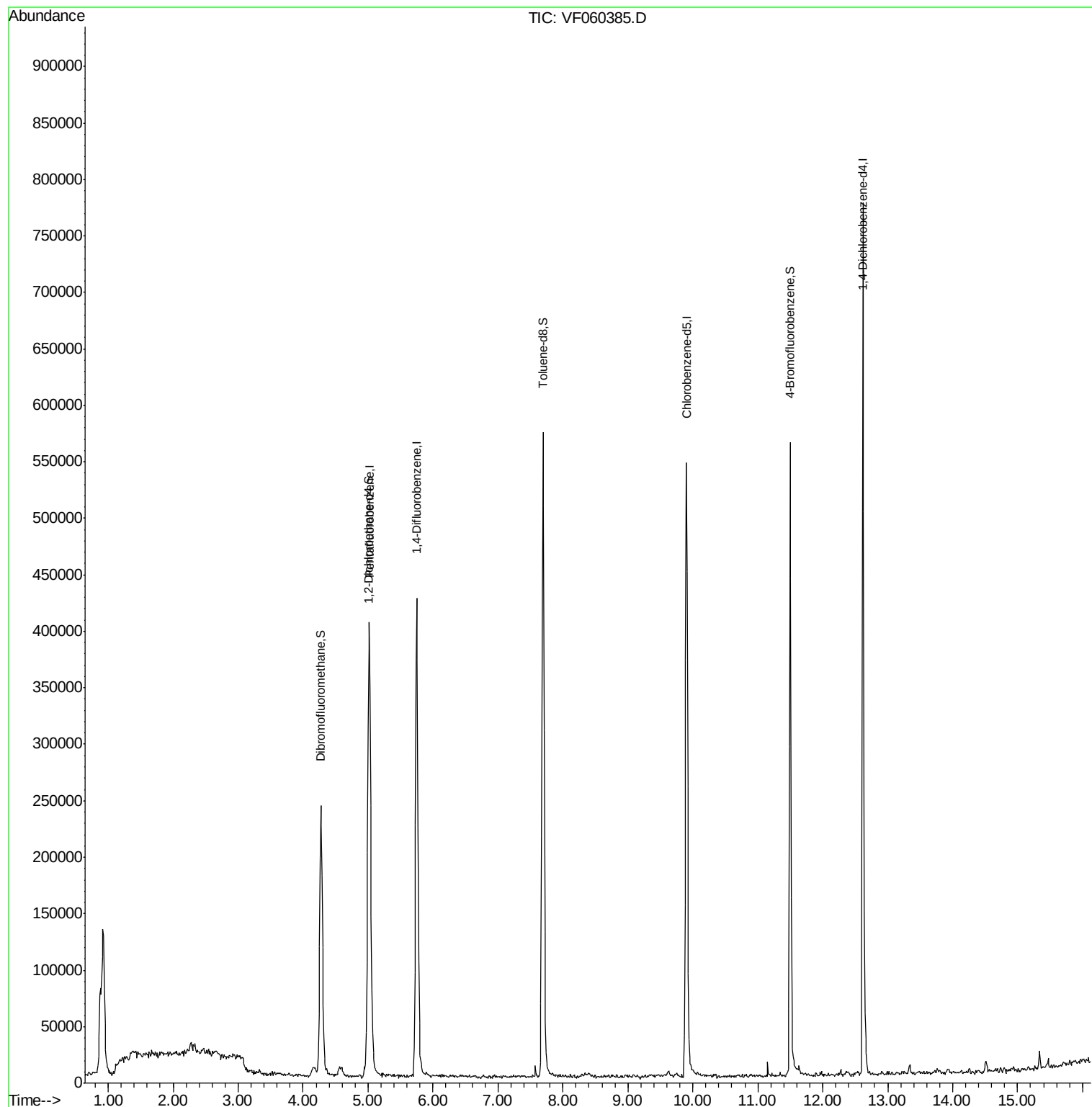
Target Compounds	Qvalue

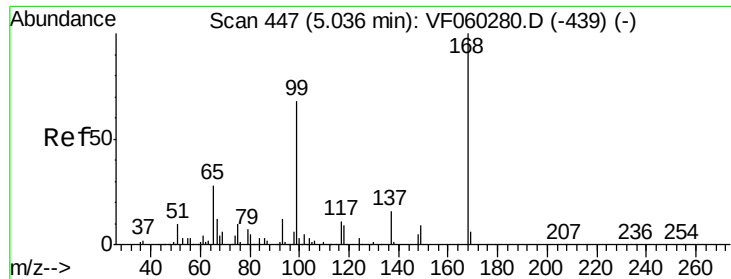
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Sep 20 02:58:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 446

Delta R.T. -0.00 min

Lab File: VF060385.D

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Instrument :

MSVOA_F

ClientSampleId :

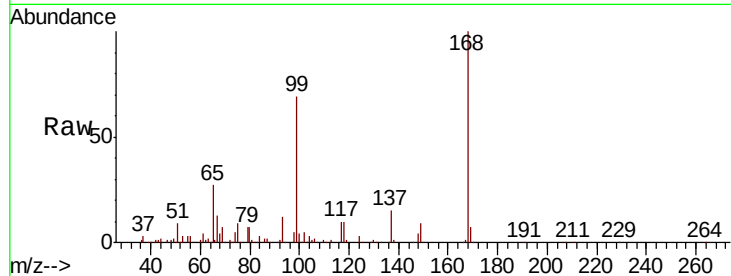
KR-RO-VNJ-221

Tot Ion:168 Resp: 266070

Ion Ratio Lower Upper

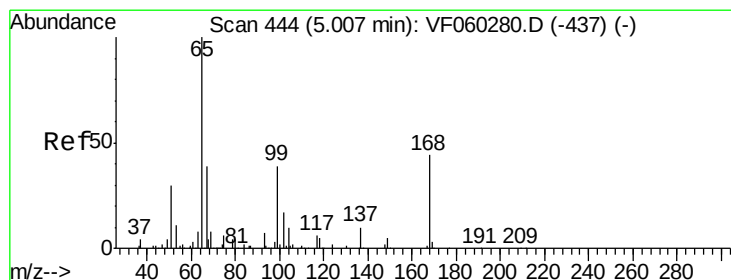
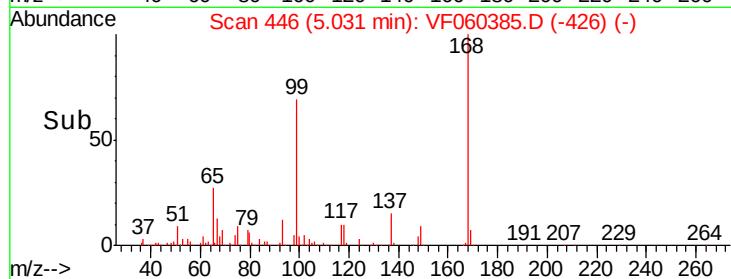
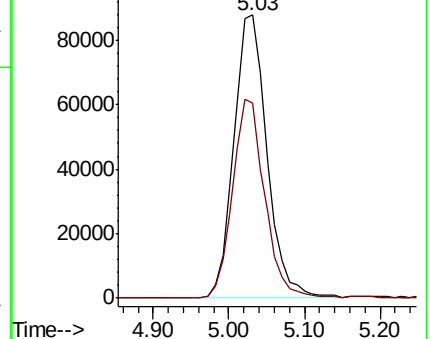
168 100

99 68.9 54.8 82.2



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: 57.248 ug/l

RT: 5.00 min Scan# 443

Delta R.T. -0.00 min

Lab File: VF060385.D

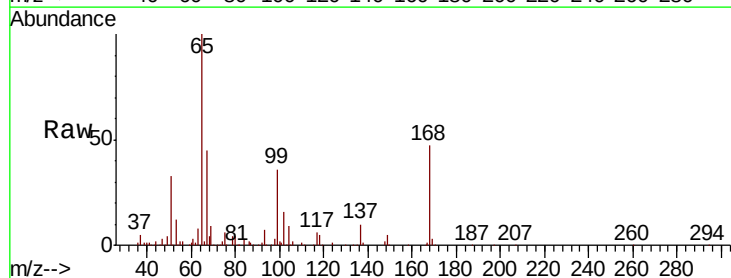
Acq: 28 Sep 2018 23:36

Tgt Ion: 65 Resp: 205103

Ion Ratio Lower Upper

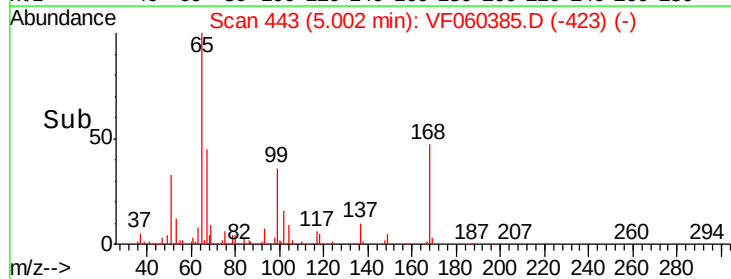
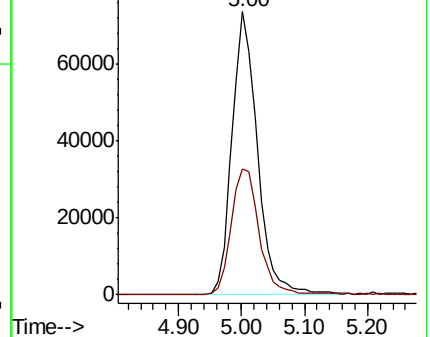
65 100

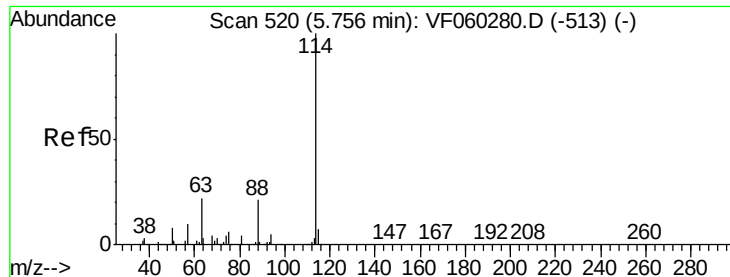
67 44.6 0.0 94.4



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: 5.75 min Scan# 519

Delta R.T. -0.00 min

Lab File: VF060385.D

Acq: 28 Sep 2018 23:36

Instrument :

MSVOA_F

ClientSampleId :

KR-RO-VNJ-221

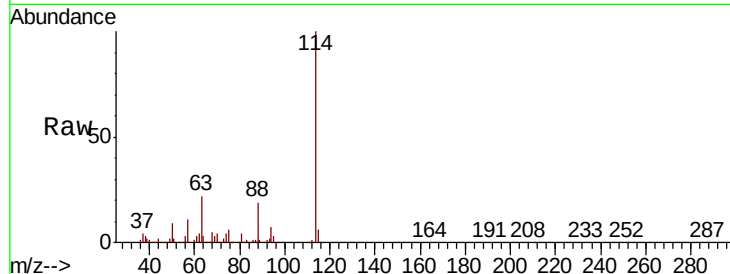
Tot Ion:114 Resp: 467015

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.8

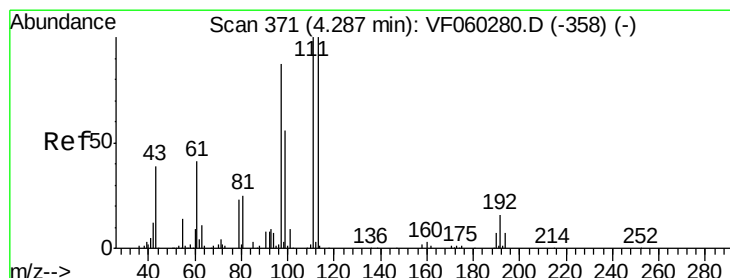
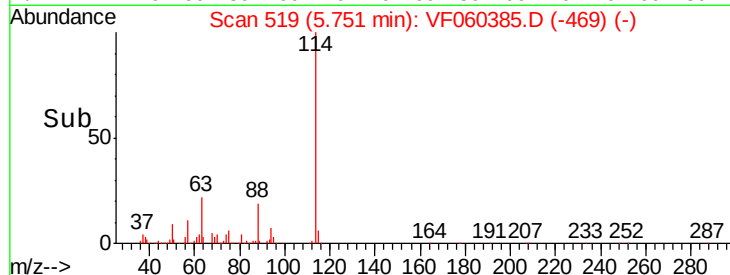
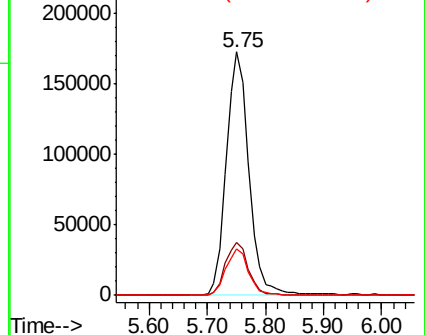
88 19.2 0.0 41.2



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: 54.008 ug/l

RT: 4.27 min Scan# 369

Delta R.T. -0.01 min

Lab File: VF060385.D

Acq: 28 Sep 2018 23:36

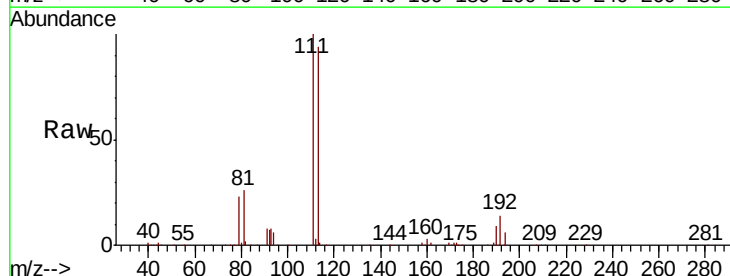
Tgt Ion:113 Resp: 224839

Ion Ratio Lower Upper

113 100

111 106.5 79.6 119.4

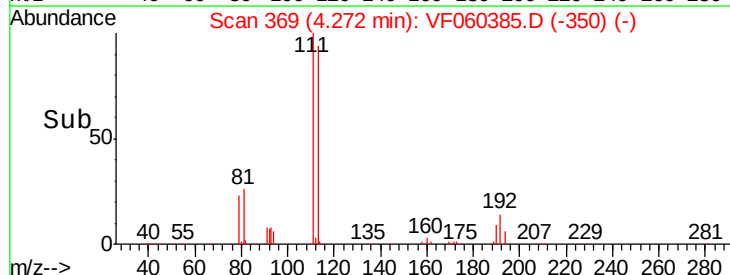
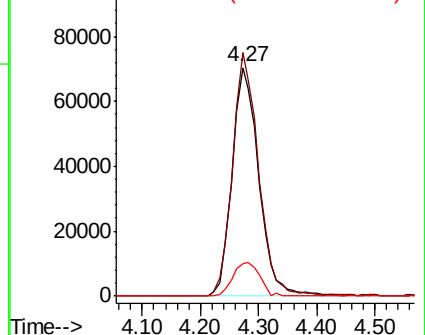
192 14.4 13.0 19.6

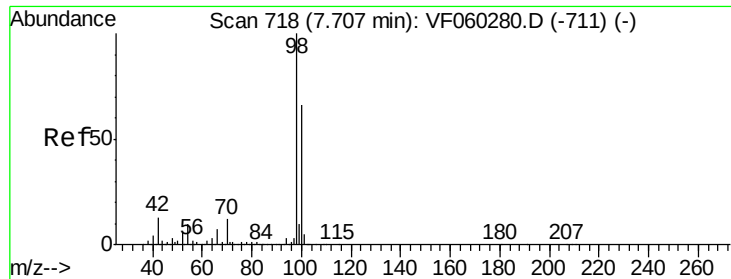


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

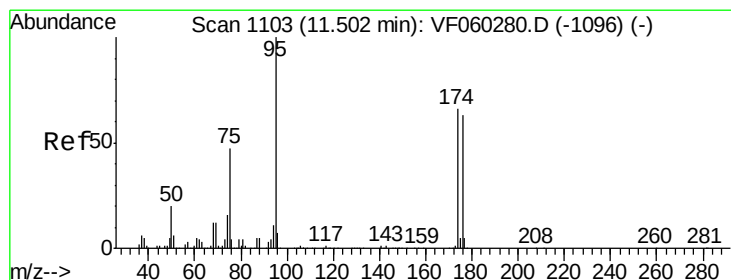
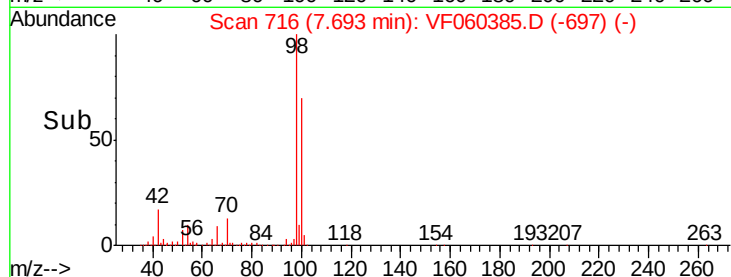
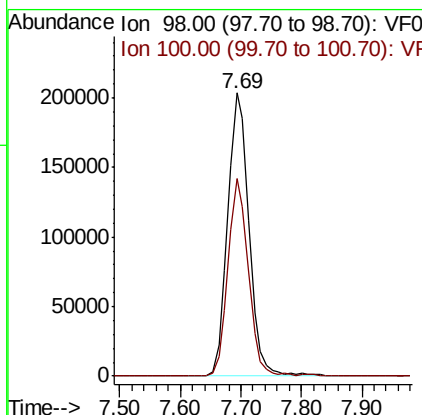
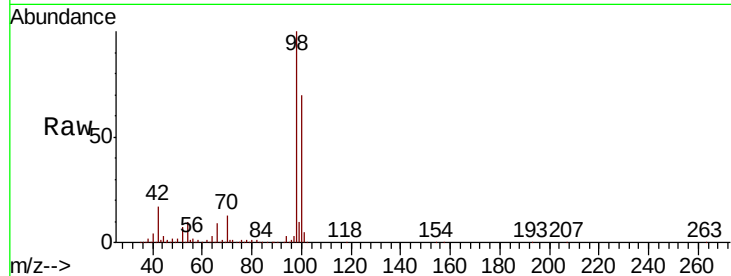




#50
Toluene-d8
Concen: 46.028 ug/l
RT: 7.69 min Scan# 716
Delta R.T. -0.01 min
Lab File: VF060385.D
Acq: 28 Sep 2018 23:36

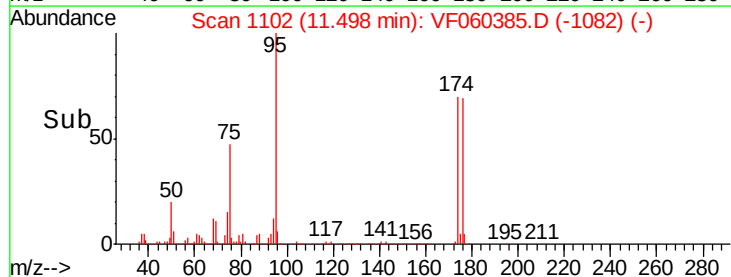
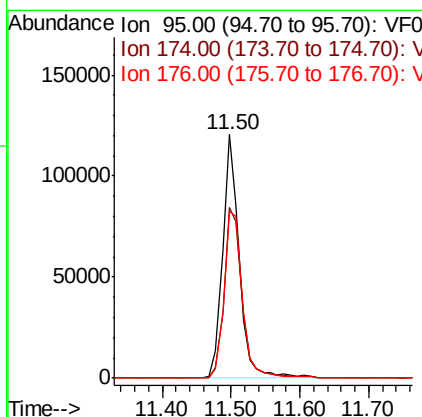
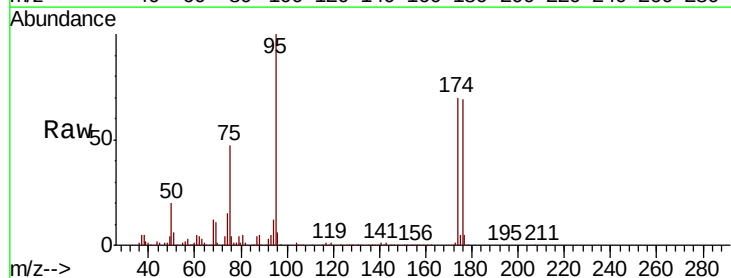
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KR-RO-VNJ-221

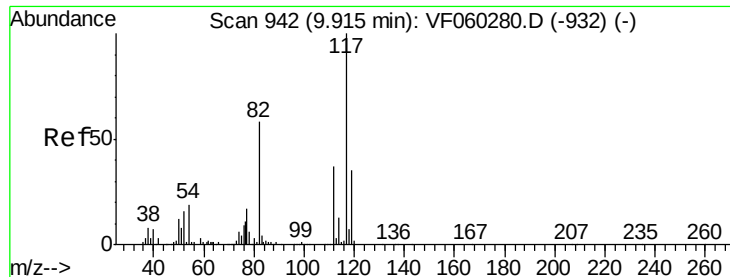
Tot Ion: 98 Resp: 499024
Ion Ratio Lower Upper
98 100
100 69.7 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 43.158 ug/l
RT: 11.50 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VF060385.D
Acq: 28 Sep 2018 23:36

Tgt Ion: 95 Resp: 202259
Ion Ratio Lower Upper
95 100
174 70.3 0.0 131.2
176 68.6 0.0 126.6

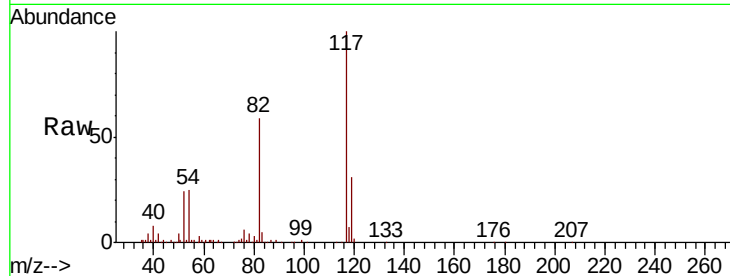




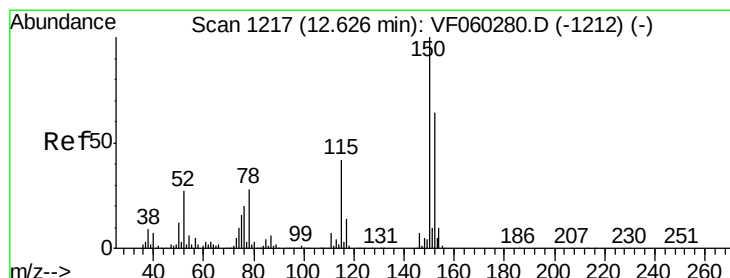
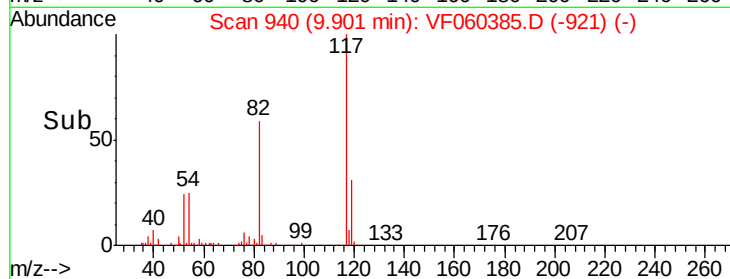
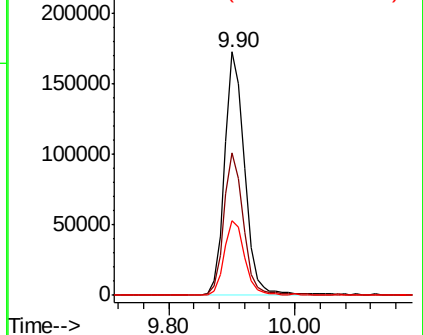
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 940
Delta R.T. -0.01 min
Lab File: VF060385.D
Acq: 28 Sep 2018 23:36

Instrument :
MSVOA_F
ClientSampleId :
KR-RO-VNJ-221

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.7	46.2	69.2
119	30.7	27.8	41.6

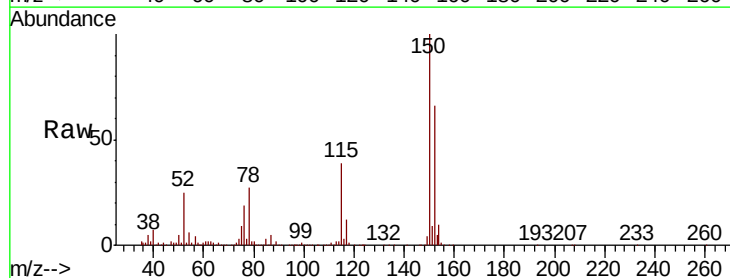


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1216
Delta R.T. -0.00 min
Lab File: VF060385.D
Acq: 28 Sep 2018 23:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.7	32.6	97.8
150	152.6	0.0	314.2



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

