

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042519\
 Data File : VF062299.D
 Acq On : 25 Apr 2019 18:32
 Operator : FY/SY
 Sample : K2564-03RE
 Misc : 5.65g/5mL/MSVOA F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 C-3_042419RE

Quant Time: Apr 26 02:04:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 25 08:40:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	64868	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.76	114	62548	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.90	117	31982	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.60	152	10980	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	9489	18.06	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	36.12%	
35) Dibromofluoromethane	4.29	113	17217	37.12	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	74.24%	
50) Toluene-d8	7.70	98	47945	42.32	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	84.64%	
62) 4-Bromofluorobenzene	11.49	95	12747	27.30	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	54.60%	

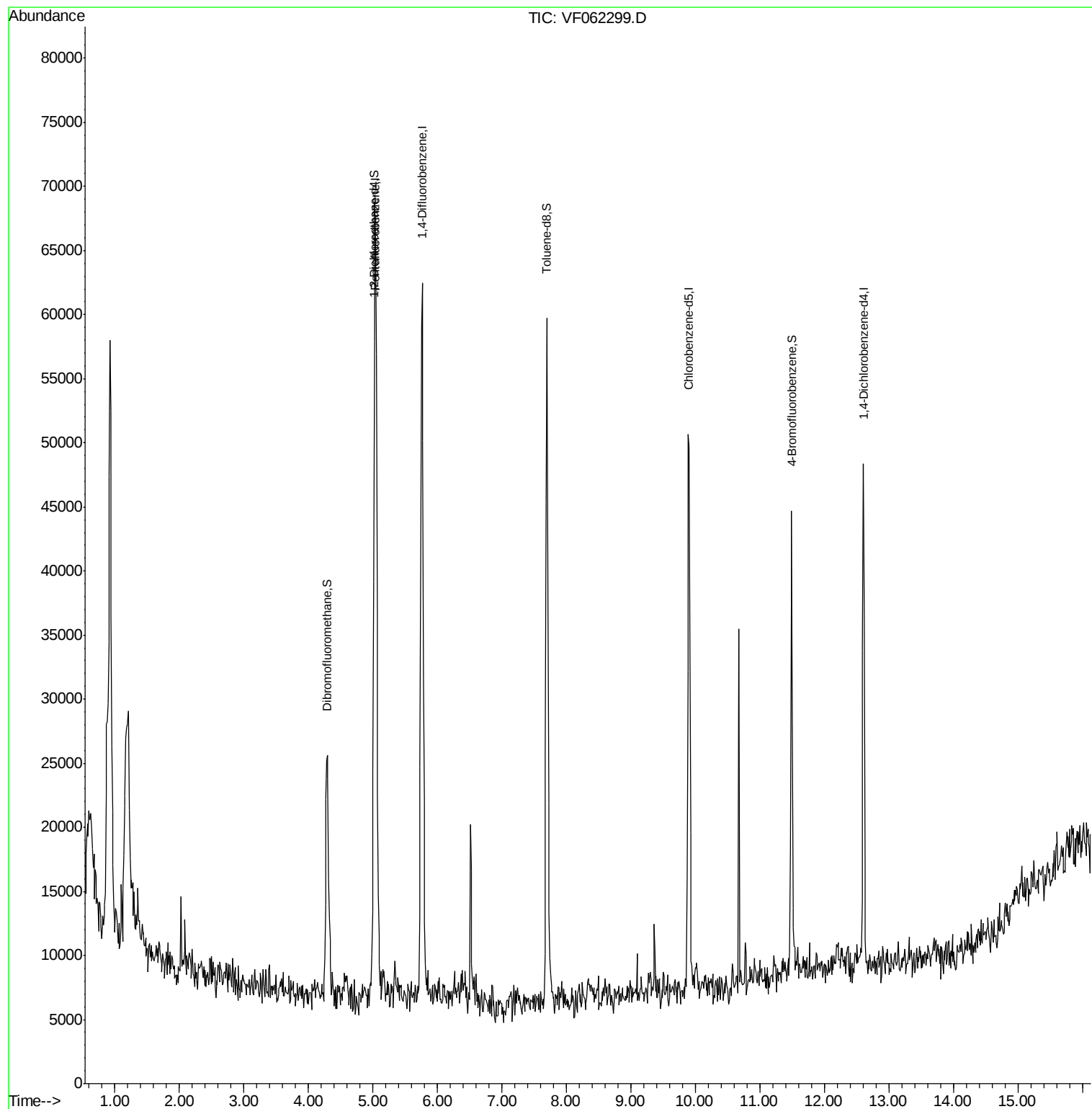
Target Compounds	Qvalue

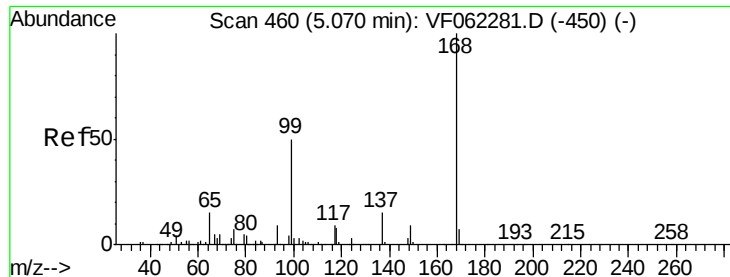
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF042519\
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Quant Title : SW846 8260
QLast Update : Thu Apr 25 08:40:59 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 458

Delta R.T. -0.03 min

Lab File: VF062299.D

Acq: 25 Apr 2019 18:32

Instrument :

MSVOA_F

ClientSampleId :

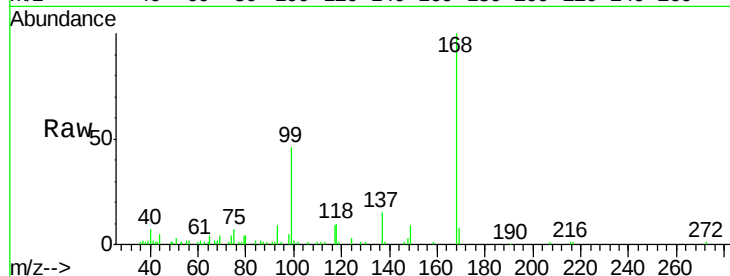
C-3_042419RE

Tot Ion:168 Resp: 64868

Ion Ratio Lower Upper

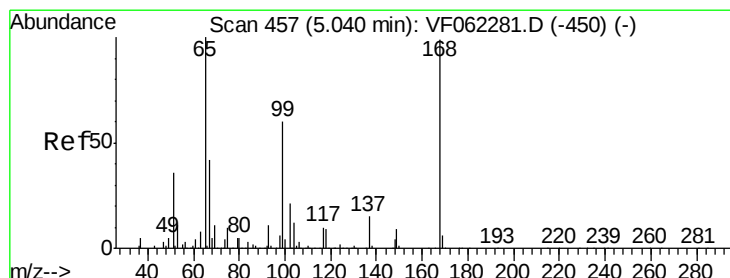
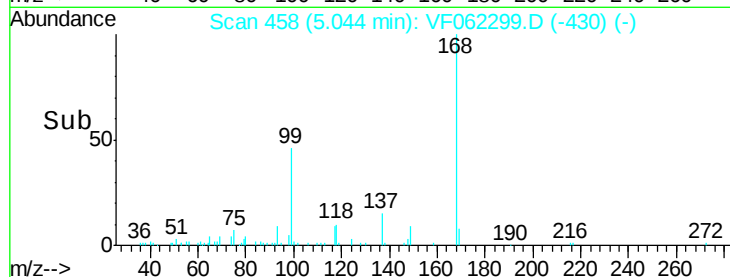
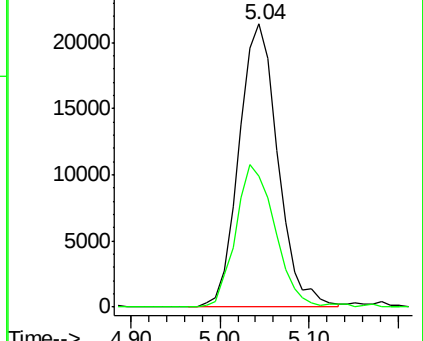
168 100

99 46.3 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0



#33

1,2-Dichloroethane-d4

Concen: 18.059 ug/l

RT: 5.01 min Scan# 455

Delta R.T. -0.03 min

Lab File: VF062299.D

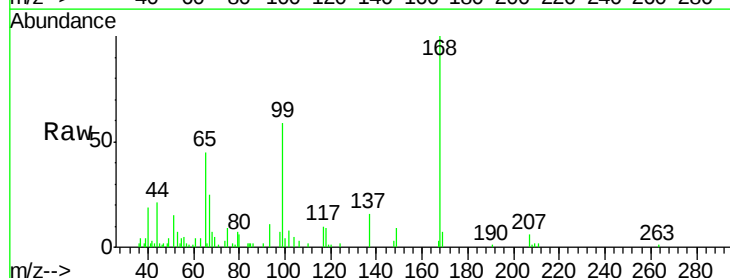
Acq: 25 Apr 2019 18:32

Tgt Ion: 65 Resp: 9489

Ion Ratio Lower Upper

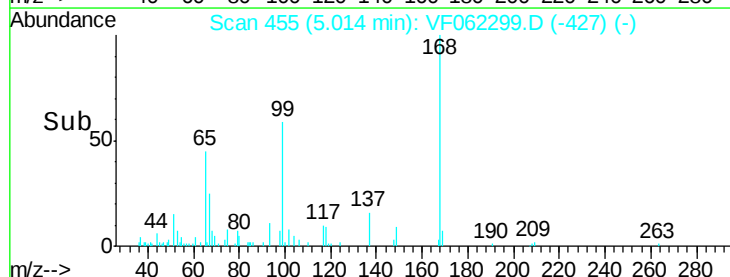
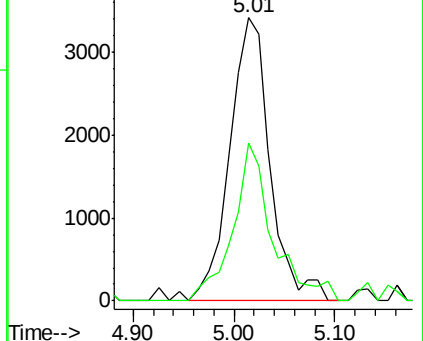
65 100

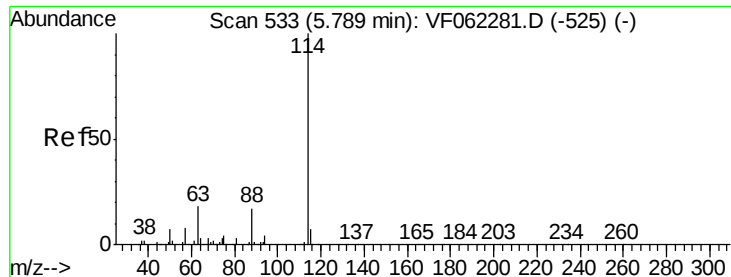
67 54.9 0.0 98.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.76 min Scan# 531

Delta R.T. -0.03 min

Lab File: VF062299.D

Acq: 25 Apr 2019 18:32

Instrument :

MSVOA_F

ClientSampleId :

C-3_042419RE

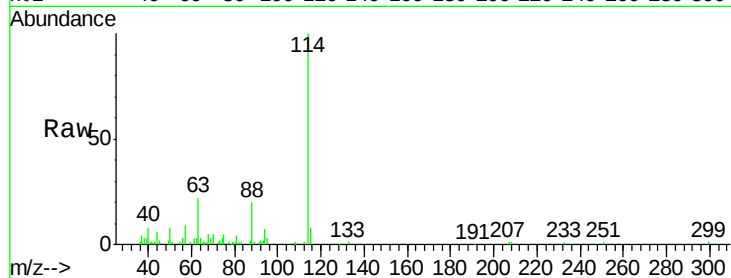
Tot Ion:114 Resp: 62548

Ion Ratio Lower Upper

114 100

63 21.9 0.0 35.6

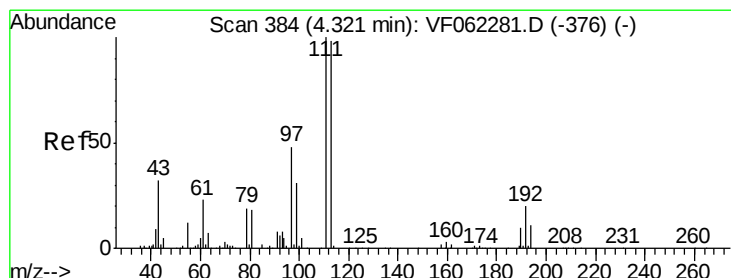
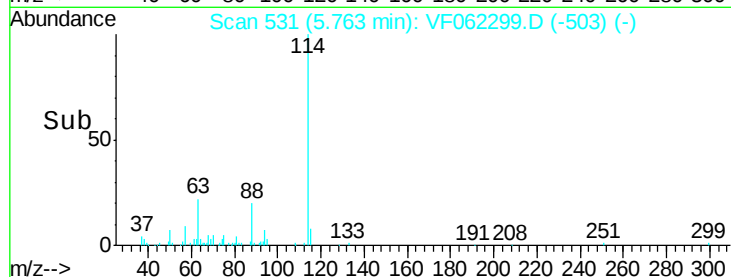
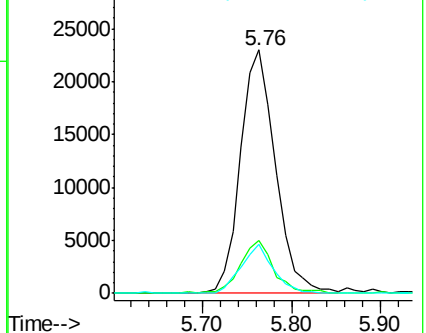
88 20.3 0.0 34.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0



#35

Dibromofluoromethane

Concen: 37.125 ug/l

RT: 4.29 min Scan# 382

Delta R.T. -0.03 min

Lab File: VF062299.D

Acq: 25 Apr 2019 18:32

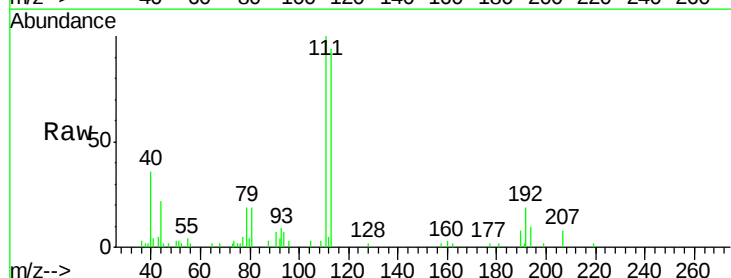
Tgt Ion:113 Resp: 17217

Ion Ratio Lower Upper

113 100

111 104.8 81.4 122.2

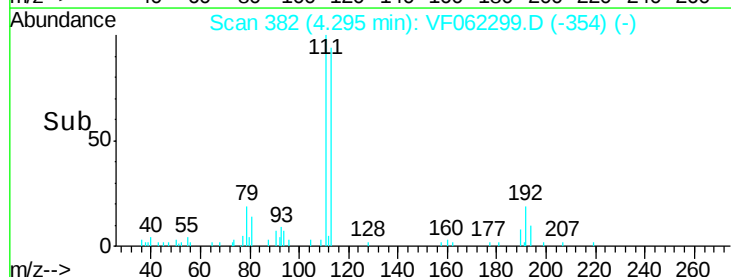
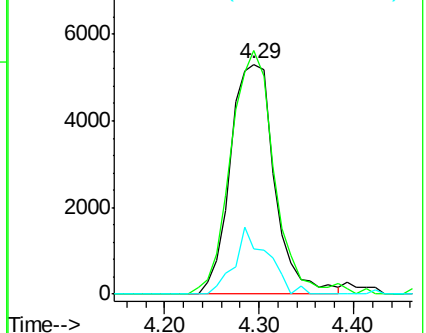
192 22.0 17.0 25.4

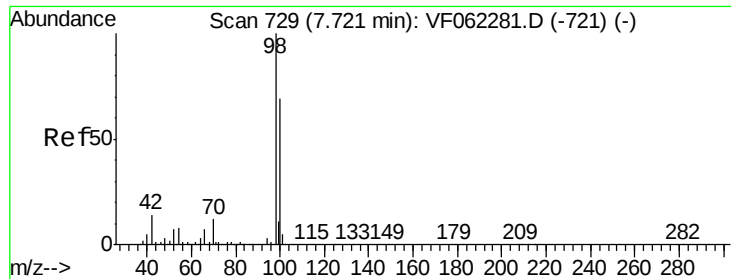


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

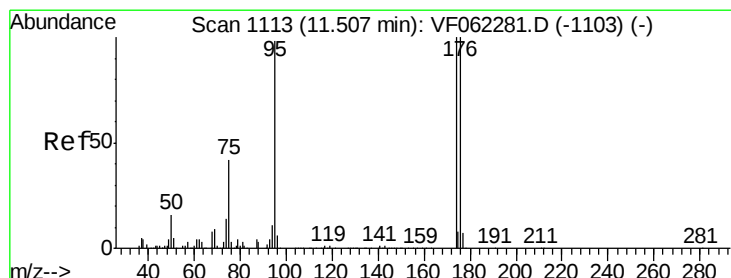
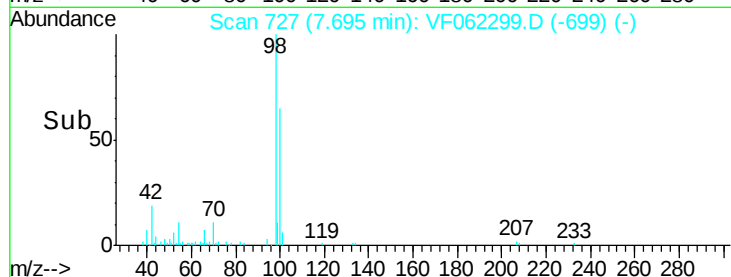
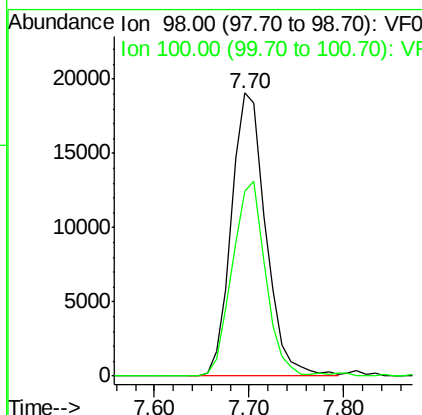
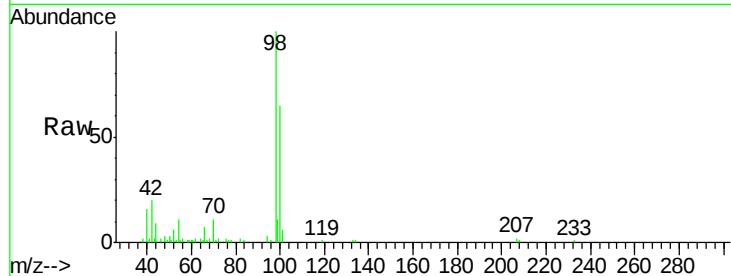




#50
Toluene-d8
Concen: 42.325 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.03 min
Lab File: VF062299.D
Acq: 25 Apr 2019 18:32

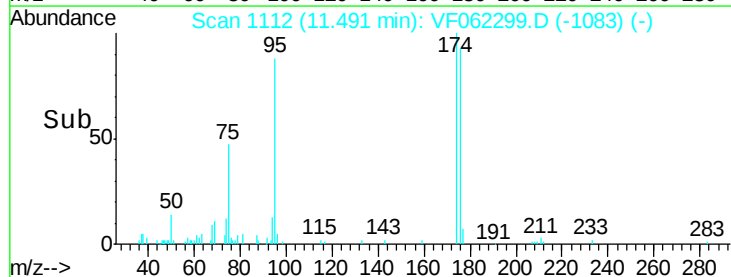
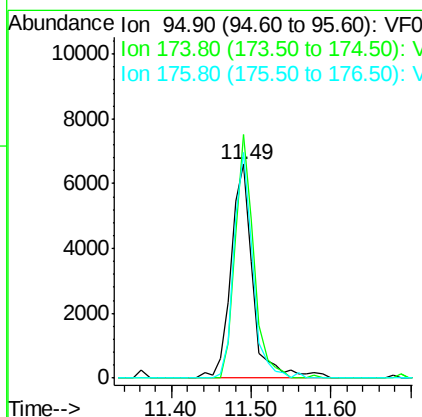
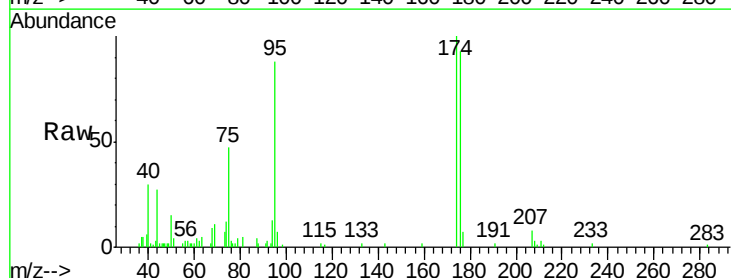
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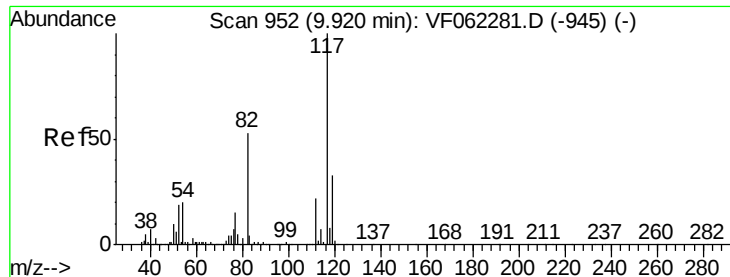
Tot Ion: 98 Resp: 47945
Ion Ratio Lower Upper
98 100
100 66.4 54.4 81.6



#62
4-Bromofluorobenzene
Concen: 27.300 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. -0.02 min
Lab File: VF062299.D
Acq: 25 Apr 2019 18:32

Tgt Ion: 95 Resp: 12747
Ion Ratio Lower Upper
95 100
174 96.5 0.0 185.2
176 90.4 0.0 184.8

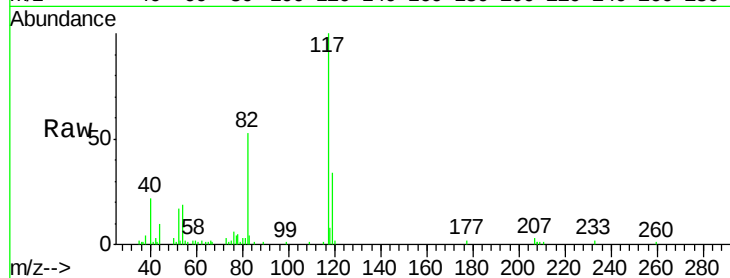




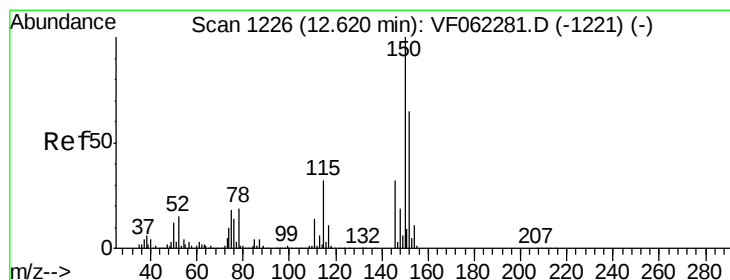
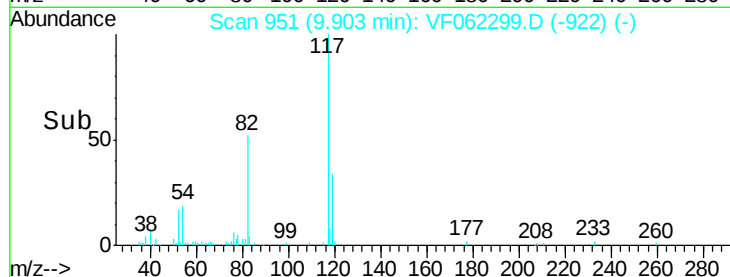
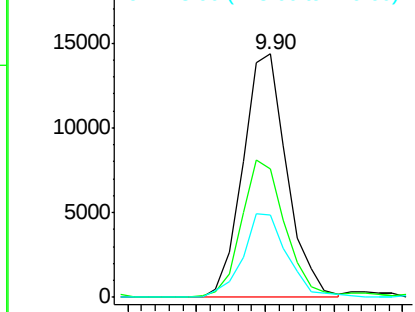
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 951
Delta R.T. -0.02 min
Lab File: VF062299.D
Acq: 25 Apr 2019 18:32

Instrument :
MSVOA_F
ClientSampleId :
C-3_042419RE

Tot Ion:117 Resp: 31982
Ion Ratio Lower Upper
117 100
82 52.6 42.6 64.0
119 33.7 26.1 39.1

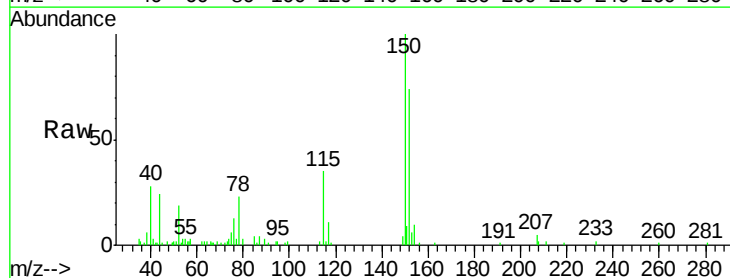


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.60 min Scan# 1225
Delta R.T. -0.02 min
Lab File: VF062299.D
Acq: 25 Apr 2019 18:32

Tgt Ion:152 Resp: 10980
Ion Ratio Lower Upper
152 100
115 57.5 25.6 76.8
150 154.2 0.0 330.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

