

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD033119\
 Data File : VD061458.D
 Acq On : 31 Mar 2019 20:28
 Operator : VA/AP
 Sample : K2131-02RE
 Misc : 5.73g/5ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-035-ARE

Quant Time: Apr 01 06:55:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

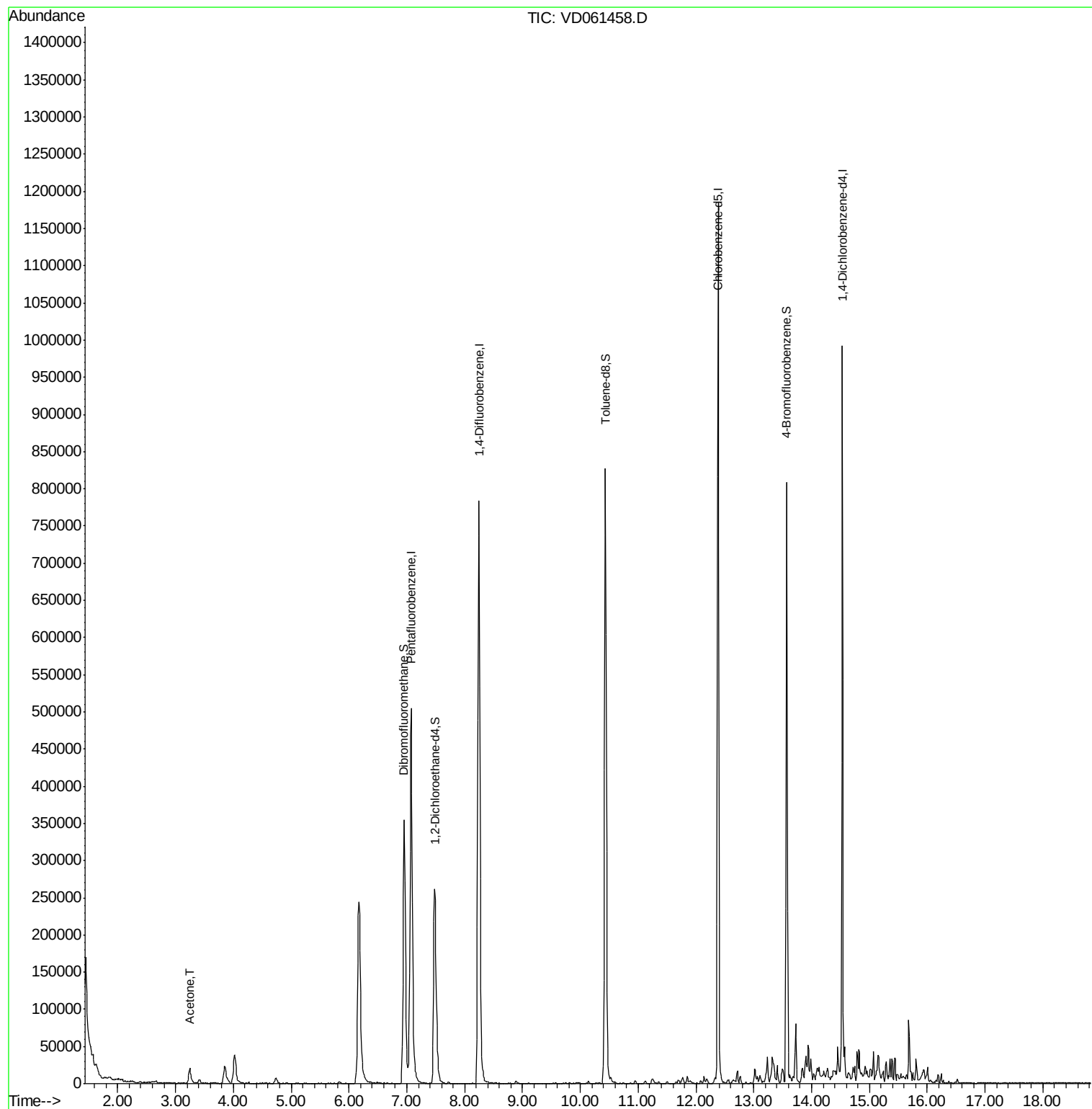
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.08	168	511392	50.00	ug/l	0.06
34) 1,4-Difluorobenzene	8.25	114	966143	50.00	ug/l	0.06
63) Chlorobenzene-d5	12.38	117	716660	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	224145	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	256537	58.72	ug/l	0.05
Spiked Amount 50.000			Recovery	=	117.44%	
35) Dibromofluoromethane	6.95	113	349935	47.40	ug/l	0.05
Spiked Amount 50.000			Recovery	=	94.80%	
50) Toluene-d8	10.43	98	743469	41.98	ug/l	0.05
Spiked Amount 50.000			Recovery	=	83.96%	
62) 4-Bromofluorobenzene	13.56	95	274993	40.50	ug/l	0.02
Spiked Amount 50.000			Recovery	=	81.00%	
Target Compounds						
16) Acetone	3.25	43	41450	36.910	ug/l	Qvalue 95

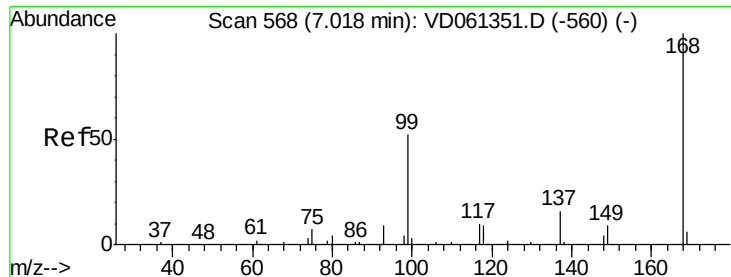
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 28 09:22:37 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.08 min Scan# 574

Delta R.T. 0.06 min

Lab File: VD061458.D

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ClientSampleId :

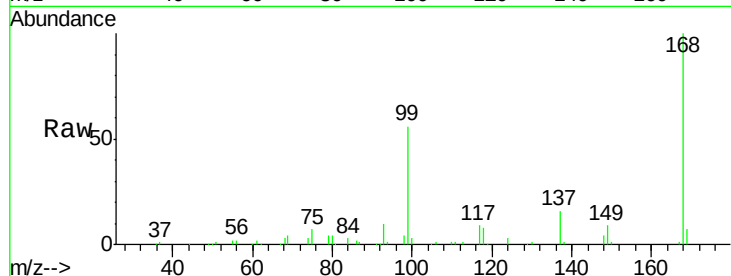
FK-GF-02-035-ARE

Tgt Ion:168 Resp: 511392

Ion Ratio Lower Upper

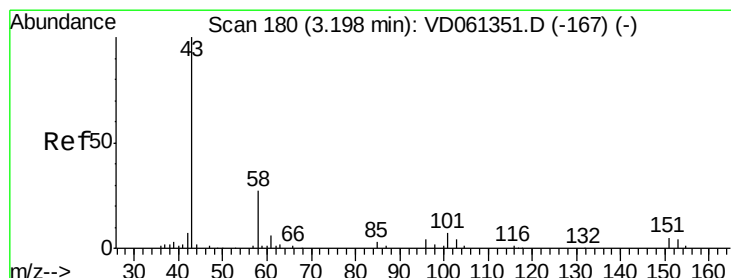
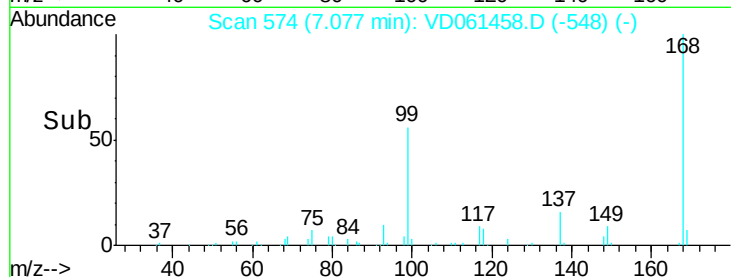
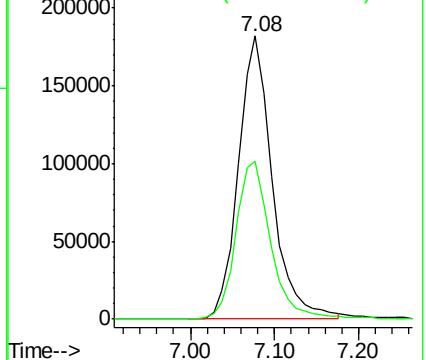
168 100

99 55.6 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 36.910 ug/l

RT: 3.25 min Scan# 185

Delta R.T. 0.05 min

Lab File: VD061458.D

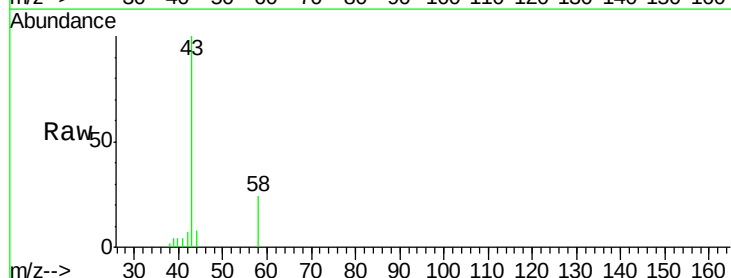
Acq: 31 Mar 2019 20:28

Tgt Ion: 43 Resp: 41450

Ion Ratio Lower Upper

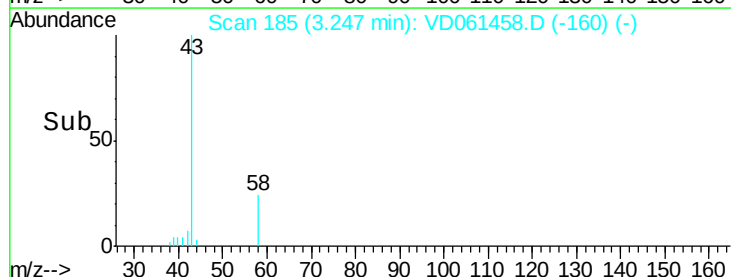
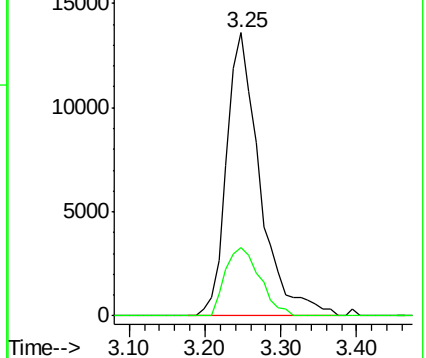
43 100

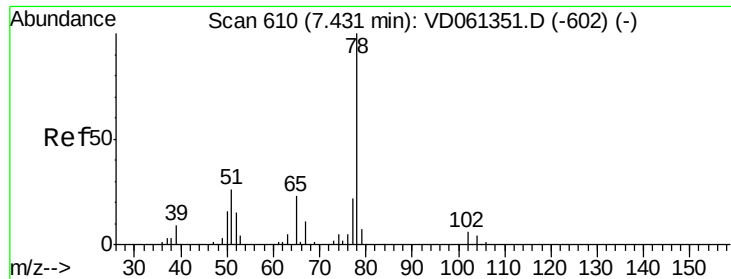
58 24.3 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

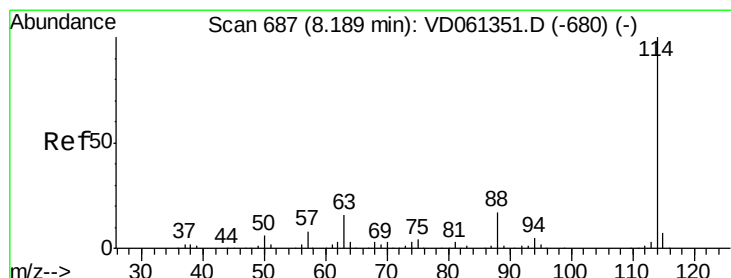
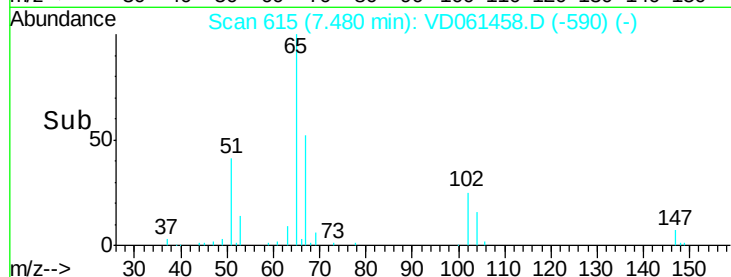
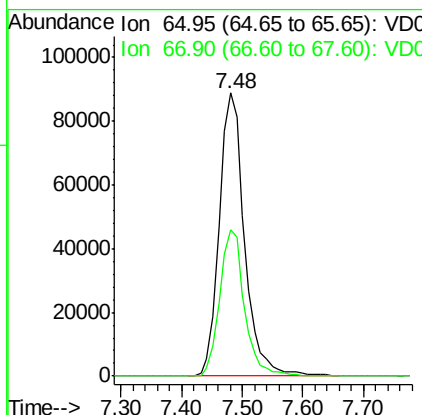
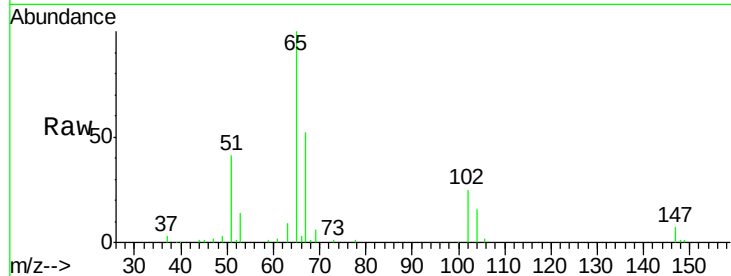




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.48 min Scan# 615
 Delta R.T. 0.05 min
 Lab File: VD061458.D
 Acq: 31 Mar 2019 20:28

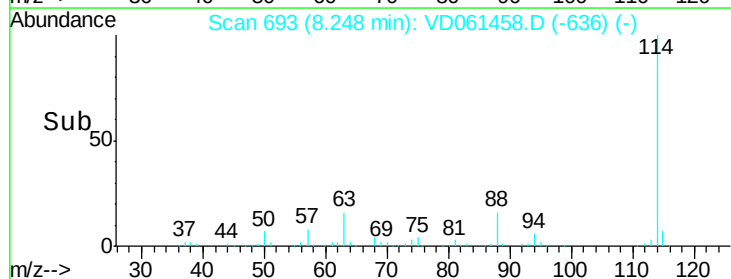
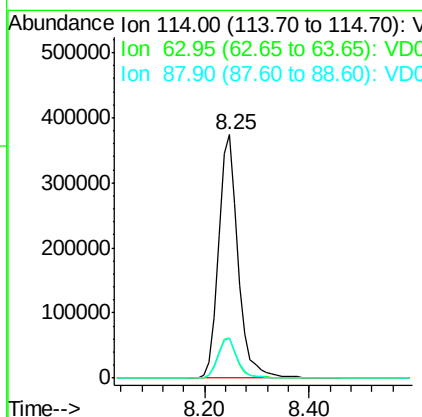
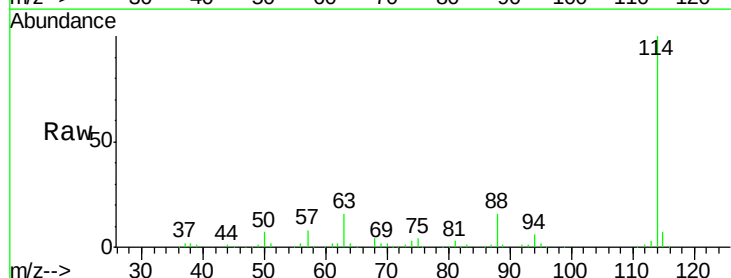
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 MSVOA_D
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 FK-GF-02-035-ARE

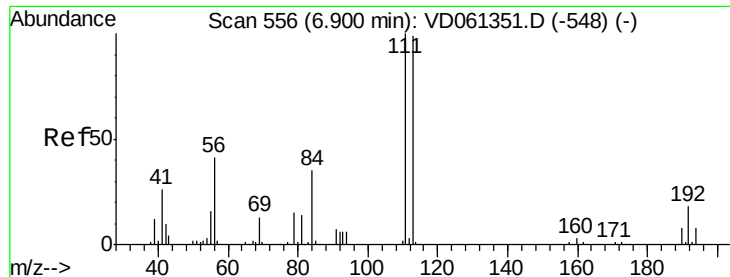
Tgt Ion: 65 Resp: 256537
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.25 min Scan# 693
 Delta R.T. 0.06 min
 Lab File: VD061458.D
 Acq: 31 Mar 2019 20:28

Tgt Ion: 114 Resp: 966143
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 31.6
 88 16.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.95 min Scan# 561

Delta R.T. 0.05 min

Lab File: VD061458.D

Acq: 31 Mar 2019 20:28

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-035-ARE

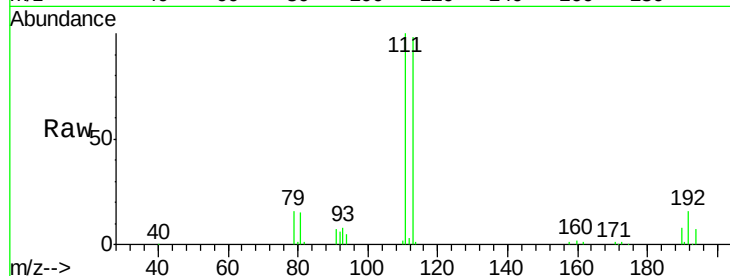
Tgt Ion:113 Resp: 349935

Ion Ratio Lower Upper

113 100

111 102.2 81.0 121.6

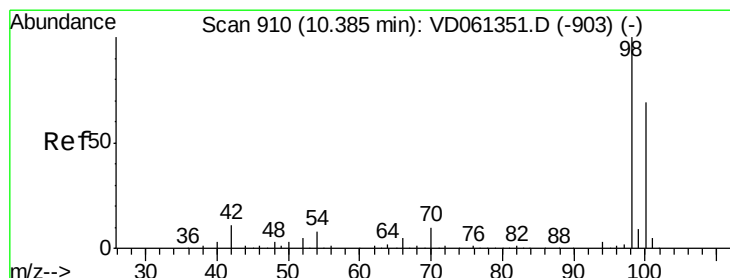
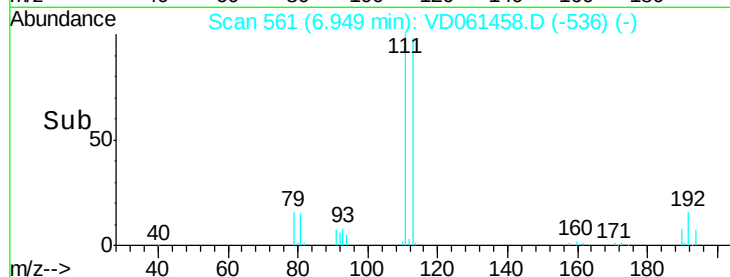
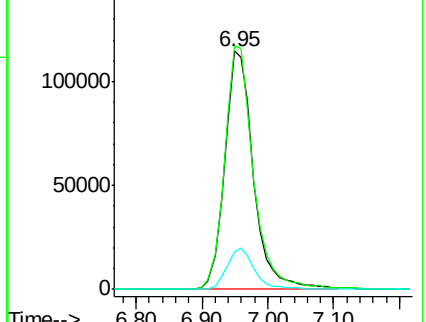
192 16.0 14.4 21.6



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.05 min

Lab File: VD061458.D

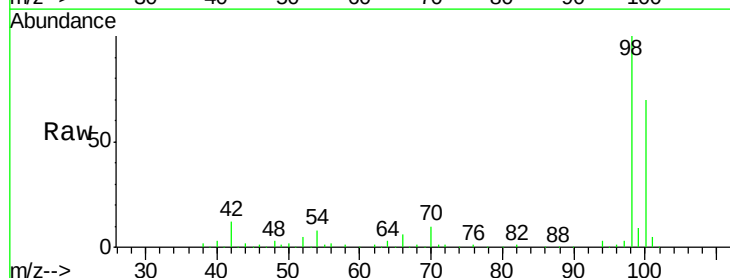
Acq: 31 Mar 2019 20:28

Tgt Ion: 98 Resp: 743469

Ion Ratio Lower Upper

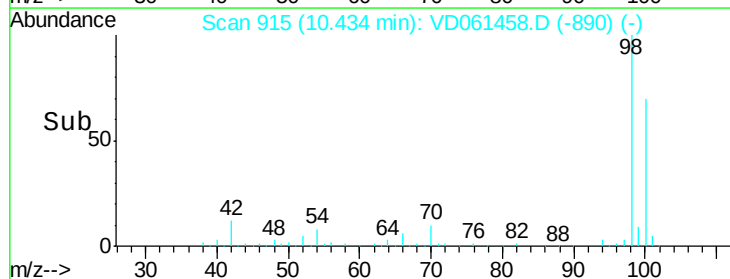
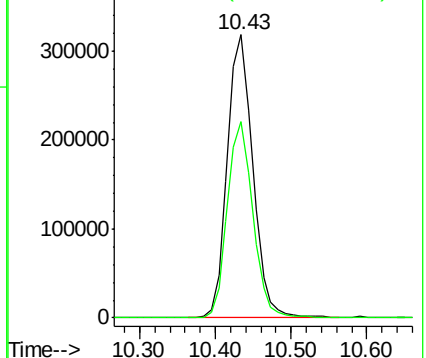
98 100

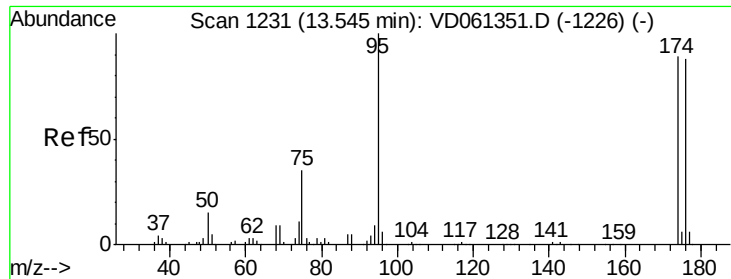
100 69.6 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

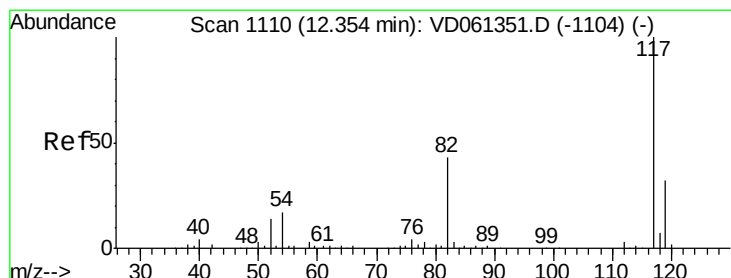
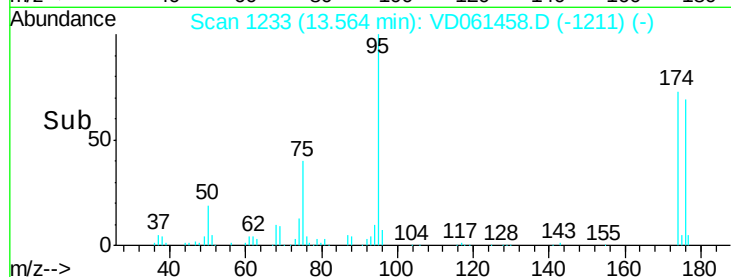
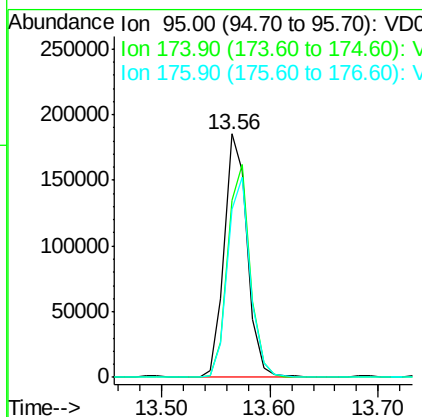
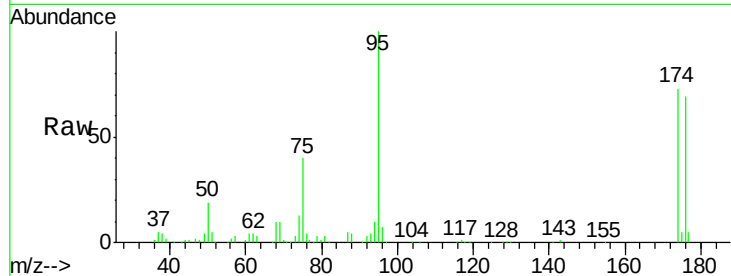




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.02 min
Lab File: VD061458.D
Acq: 31 Mar 2019 20:28

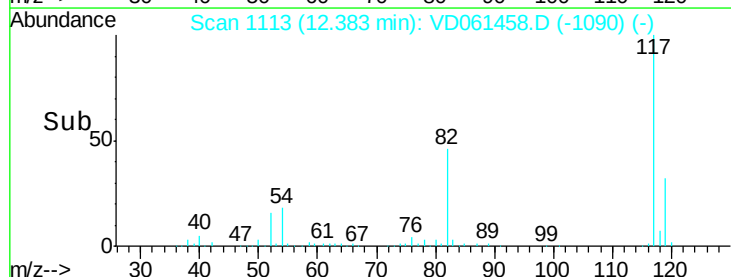
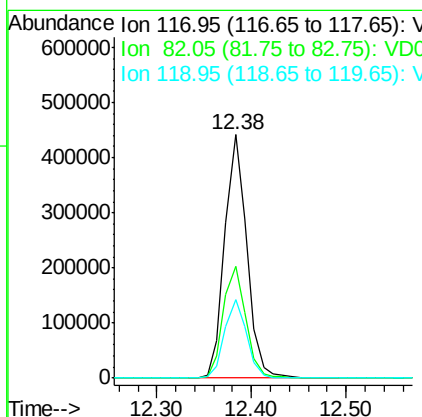
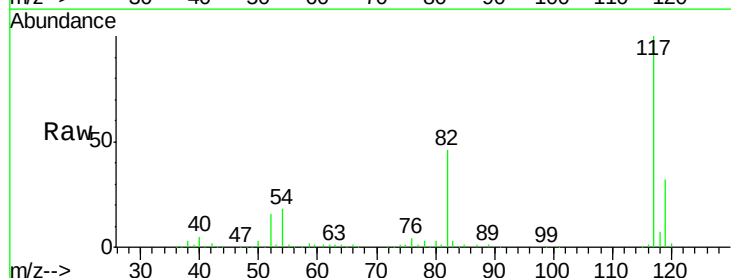
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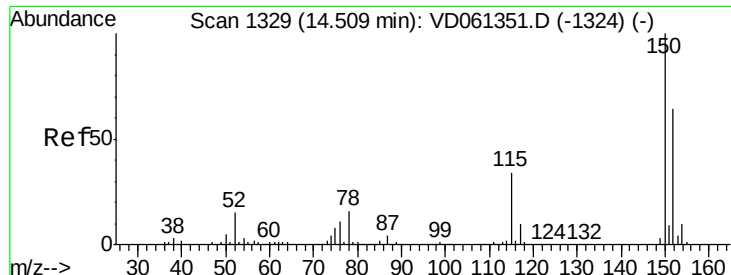
Tgt Ion: 95 Resp: 274993
Ion Ratio Lower Upper
95 100
174 72.6 0.0 178.0
176 68.9 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.03 min
Lab File: VD061458.D
Acq: 31 Mar 2019 20:28

Tgt Ion: 117 Resp: 716660
Ion Ratio Lower Upper
117 100
82 46.1 34.4 51.6
119 32.1 25.8 38.6

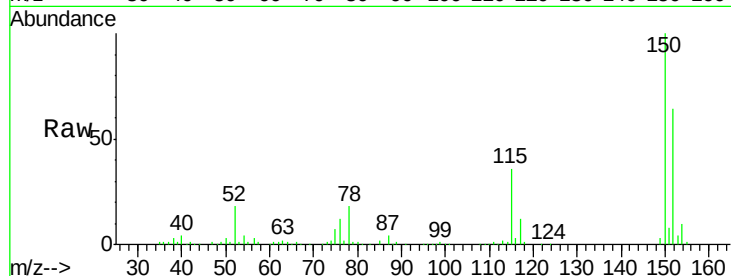




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.53 min Scan# 1331
 Delta R.T. 0.02 min
 Lab File: VD061458.D
 Acq: 31 Mar 2019 20:28

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-035-ARE

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.3	26.9	80.6
150	156.8	0.0	318.0



Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 149.90 (149.60 to 150.60): V

