

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD033119\
 Data File : VD061457.D
 Acq On : 31 Mar 2019 20:00
 Operator : VA/AP
 Sample : K2130-04RE
 Misc : 6.42g/5ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-034-BRE

Quant Time: Apr 01 06:53:01 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

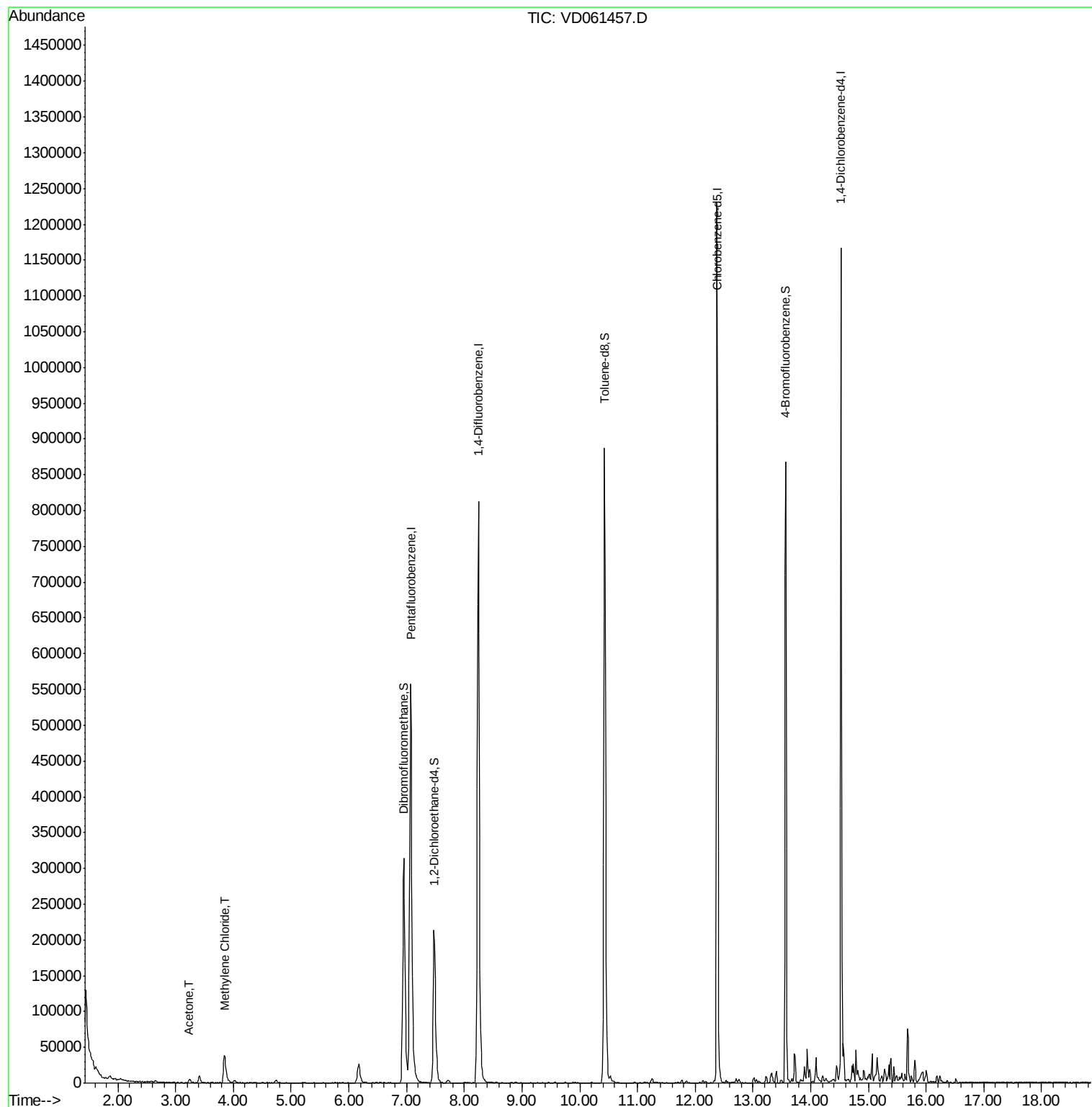
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	568668	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.24	114	974115	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.38	117	754558	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	275532	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	212218	43.69	ug/l	0.04
Spiked Amount 50.000			Recovery	=	87.38%	
35) Dibromofluoromethane	6.95	113	302778	40.67	ug/l	0.05
Spiked Amount 50.000			Recovery	=	81.34%	
50) Toluene-d8	10.43	98	766110	42.91	ug/l	0.04
Spiked Amount 50.000			Recovery	=	85.82%	
62) 4-Bromofluorobenzene	13.57	95	281156	41.07	ug/l	0.02
Spiked Amount 50.000			Recovery	=	82.14%	
Target Compounds						
16) Acetone	3.24	43	10330	8.272	ug/l	99
20) Methylene Chloride	3.84	84	29786	2.431	ug/l	95

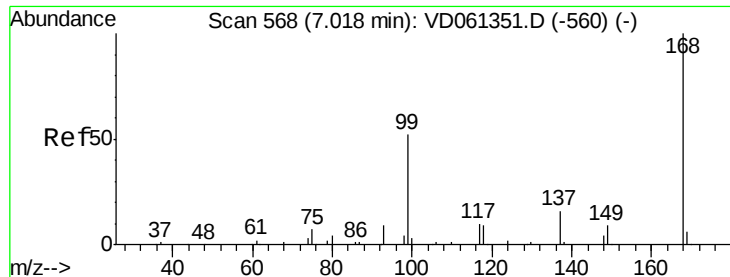
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 574

Delta R.T. 0.05 min

Lab File: VD061457.D

Acq: 31 Mar 2019 20:00

Instrument :

MSVOA_D

ClientSampleId :

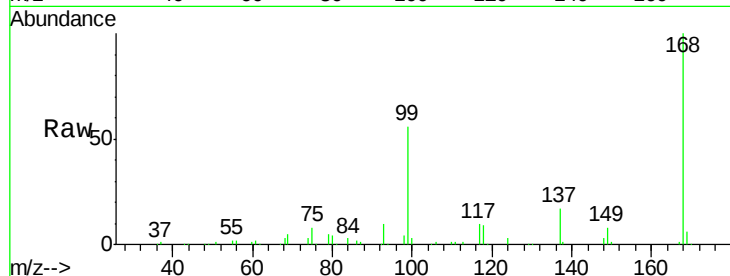
FK-GF-02-034-BRE

Tgt Ion:168 Resp: 568668

Ion Ratio Lower Upper

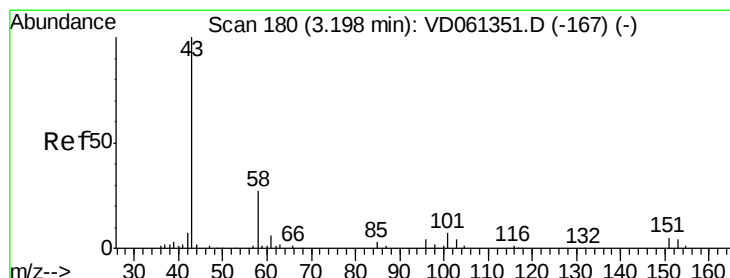
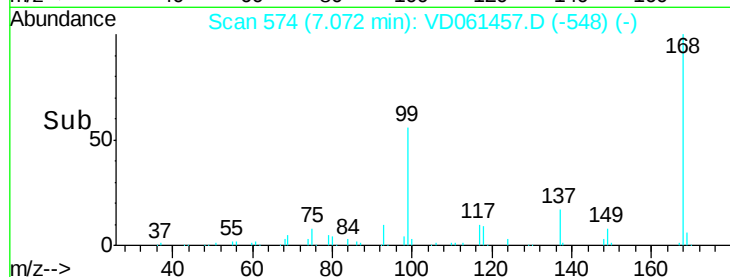
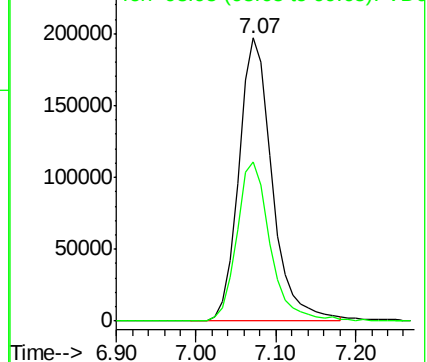
168 100

99 56.4 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: 8.272 ug/l

RT: 3.24 min Scan# 185

Delta R.T. 0.04 min

Lab File: VD061457.D

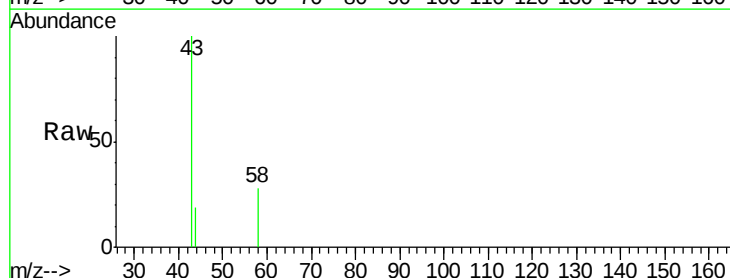
Acq: 31 Mar 2019 20:00

Tgt Ion: 43 Resp: 10330

Ion Ratio Lower Upper

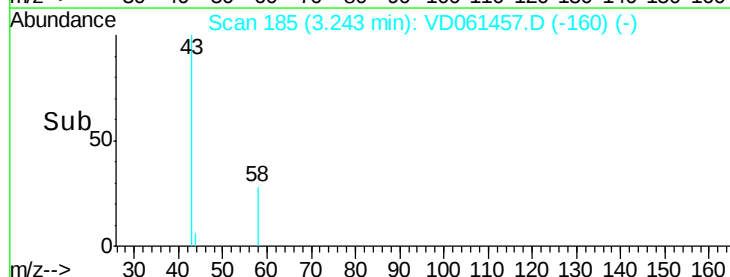
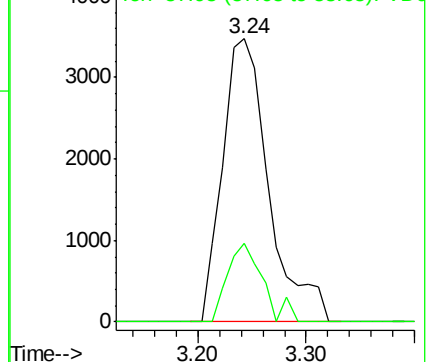
43 100

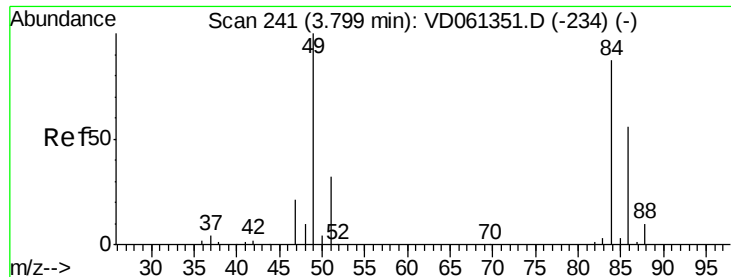
58 27.6 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

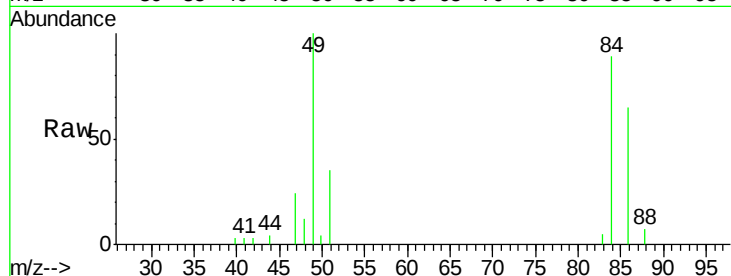




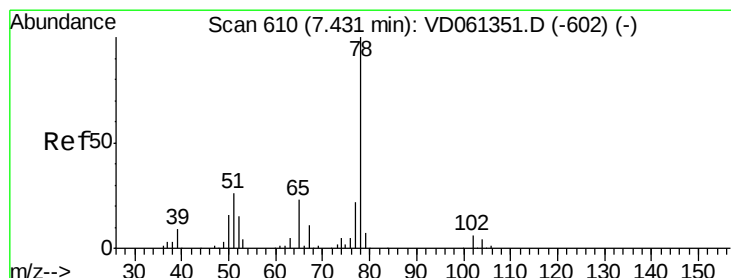
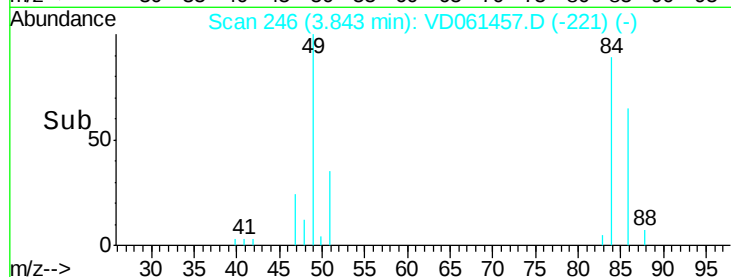
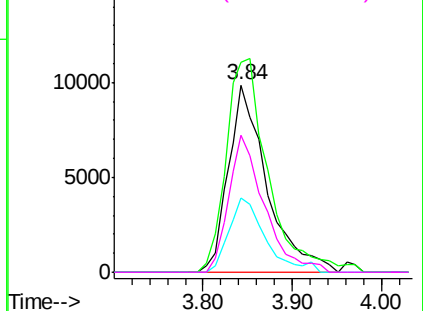
#20
Methylene Chloride
Concen: 2.431 ug/l
RT: 3.84 min Scan# 246
Delta R.T. 0.04 min
Lab File: VD061457.D
Acq: 31 Mar 2019 20:00

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-034-BRE

Tgt Ion: 84 Resp: 29786
Ion Ratio Lower Upper
84 100
49 112.2 91.8 137.8
51 39.7 29.8 44.8
86 73.3 51.8 77.6

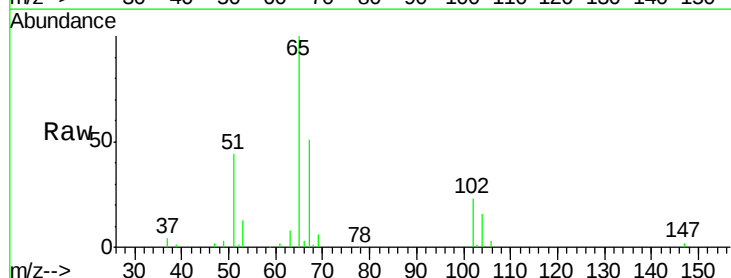


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

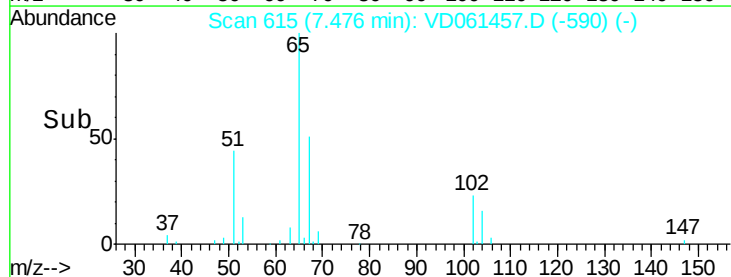
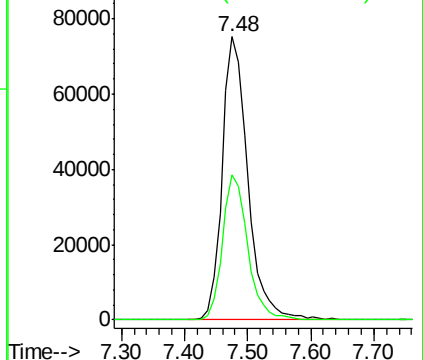


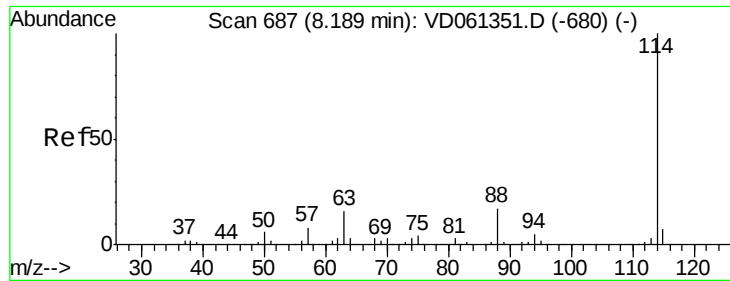
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.48 min Scan# 615
Delta R.T. 0.04 min
Lab File: VD061457.D
Acq: 31 Mar 2019 20:00

Tgt Ion: 65 Resp: 212218
Ion Ratio Lower Upper
65 100
67 51.3 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

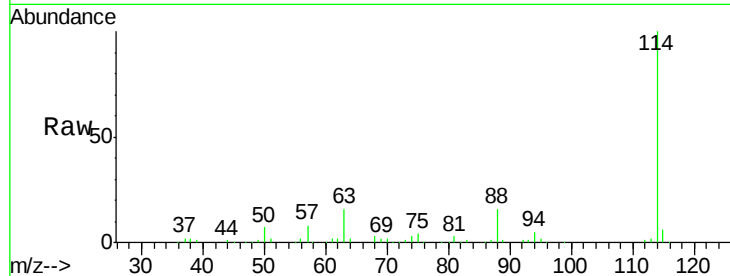




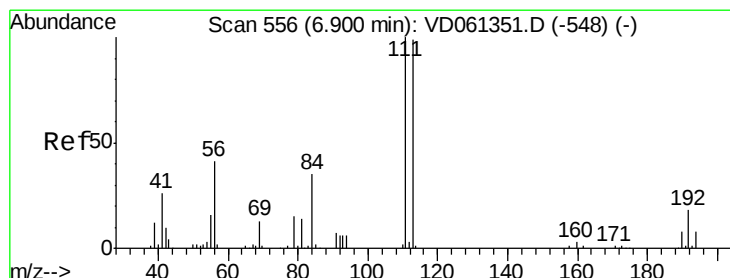
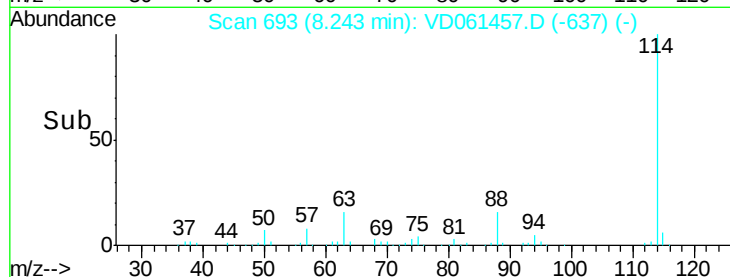
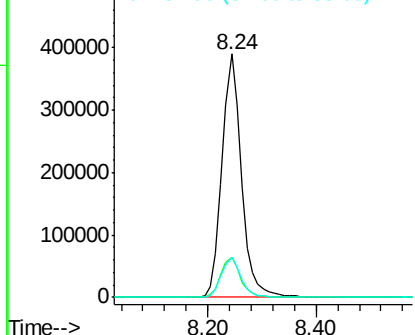
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 693
 Delta R.T. 0.05 min
 Lab File: VD061457.D
 Acq: 31 Mar 2019 20:00

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-034-BRE

Tgt Ion:114 Resp: 974115
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 31.6
 88 16.4 0.0 33.4

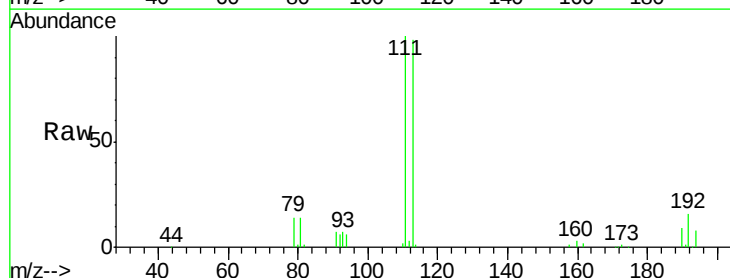


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

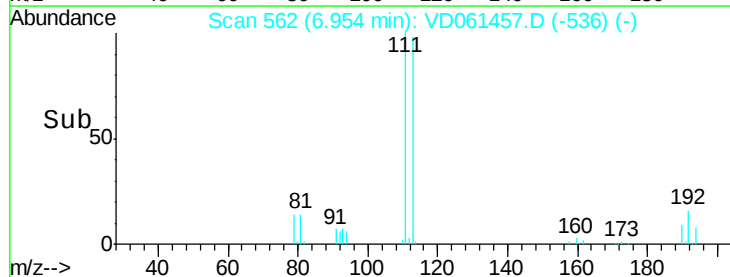
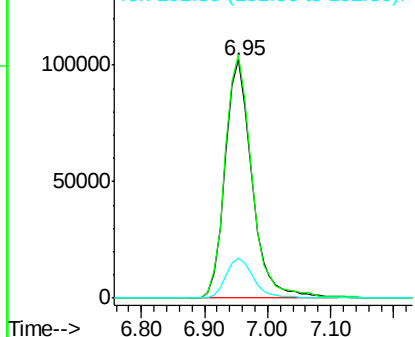


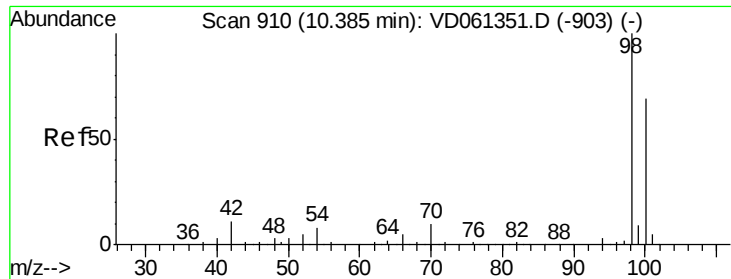
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.95 min Scan# 562
 Delta R.T. 0.05 min
 Lab File: VD061457.D
 Acq: 31 Mar 2019 20:00

Tgt Ion:113 Resp: 302778
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.0 121.6
 192 16.7 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. 0.04 min

Lab File: VD061457.D

Acq: 31 Mar 2019 20:00

Instrument :

MSVOA_D

ClientSampleId :

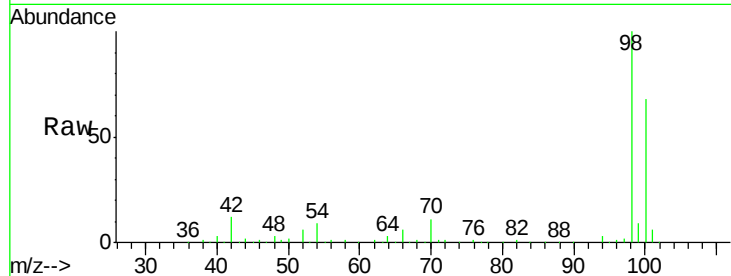
FK-GF-02-034-BRE

Tgt Ion: 98 Resp: 766110

Ion Ratio Lower Upper

98 100

100 68.2 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): VD061351.D (-903) (-)

Ion 100.05 (99.75 to 100.75): VD061351.D (-903) (-)

10.43

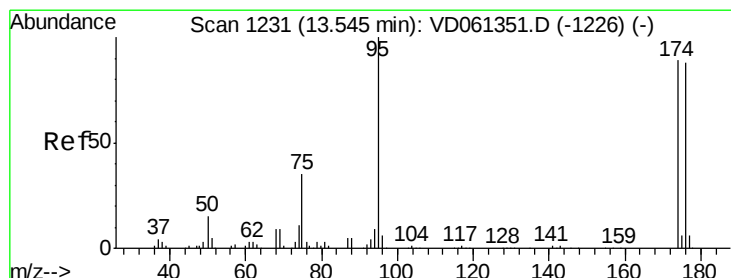
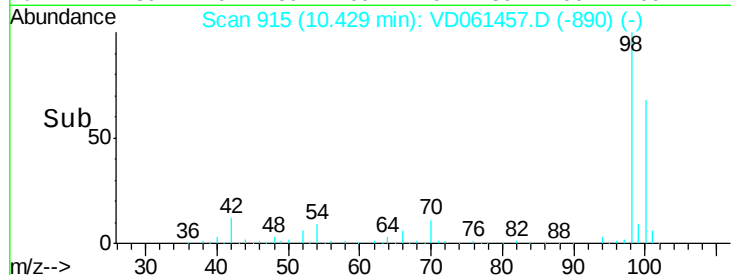
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD061457.D

Acq: 31 Mar 2019 20:00

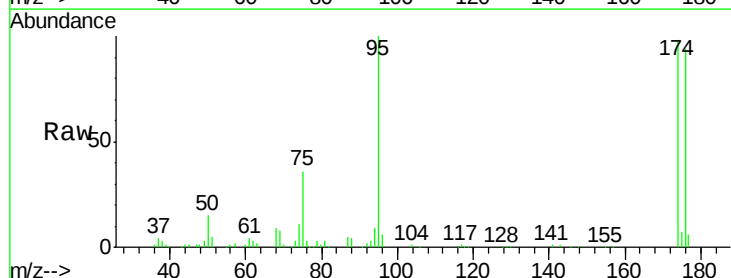
Tgt Ion: 95 Resp: 281156

Ion Ratio Lower Upper

95 100

174 97.7 0.0 178.0

176 94.0 0.0 175.0



Abundance Ion 95.00 (94.70 to 95.70): VD061351.D (-1226) (-)

Ion 173.90 (173.60 to 174.60): VD061351.D (-1226) (-)

Ion 175.90 (175.60 to 176.60): VD061351.D (-1226) (-)

250000

200000

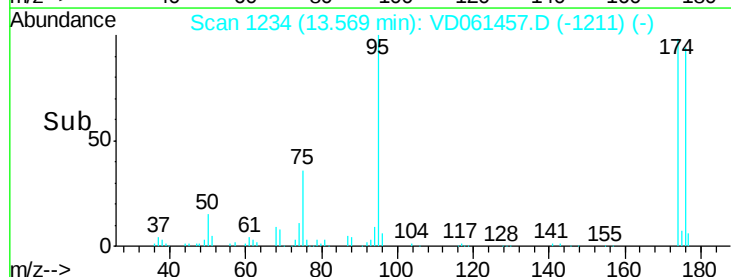
150000

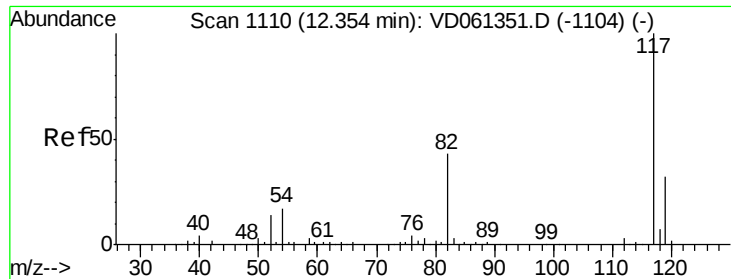
100000

50000

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Time-->

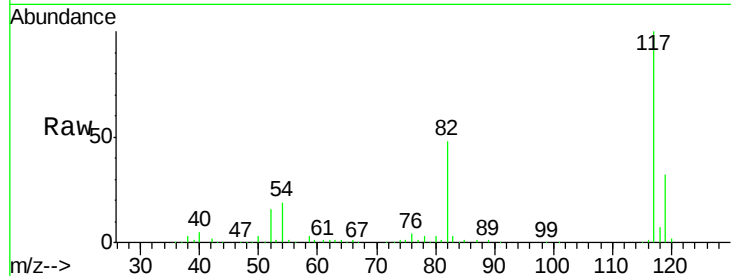




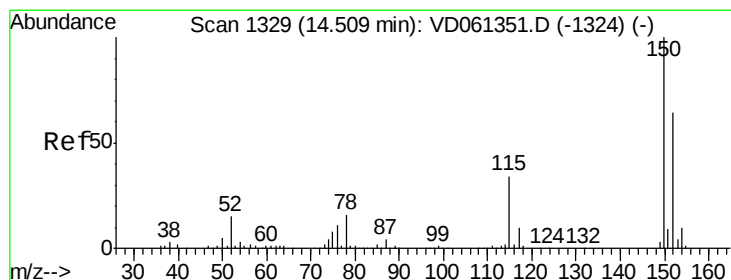
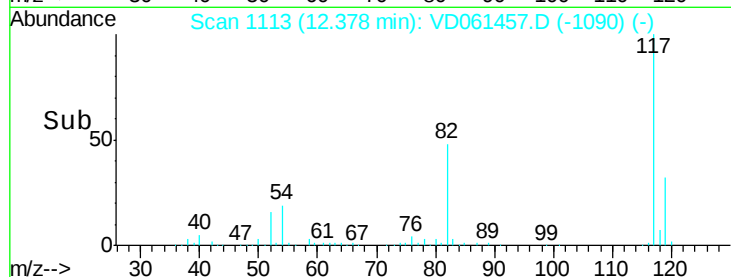
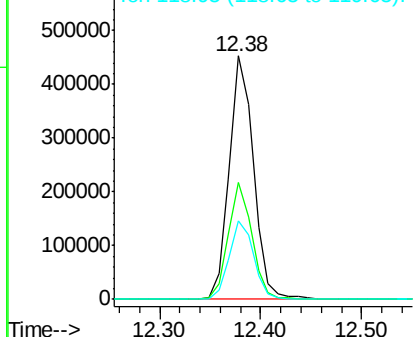
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD061457.D
Acq: 31 Mar 2019 20:00

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-034-BRE

Tgt Ion:117 Resp: 754558
Ion Ratio Lower Upper
117 100
82 47.9 34.4 51.6
119 32.1 25.8 38.6

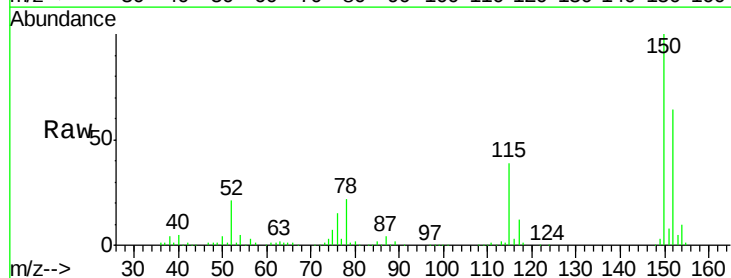


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD061457.D
Acq: 31 Mar 2019 20:00

Tgt Ion:152 Resp: 275532
Ion Ratio Lower Upper
152 100
115 60.9 26.9 80.6
150 155.4 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

