

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121318\
 Data File : VD060557.D
 Acq On : 13 Dec 2018 13:24
 Operator : VA/AP
 Sample : J6374-04
 Misc : 4.76g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-029-B

Quant Time: Dec 14 01:34:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 Response via : Initial Calibration

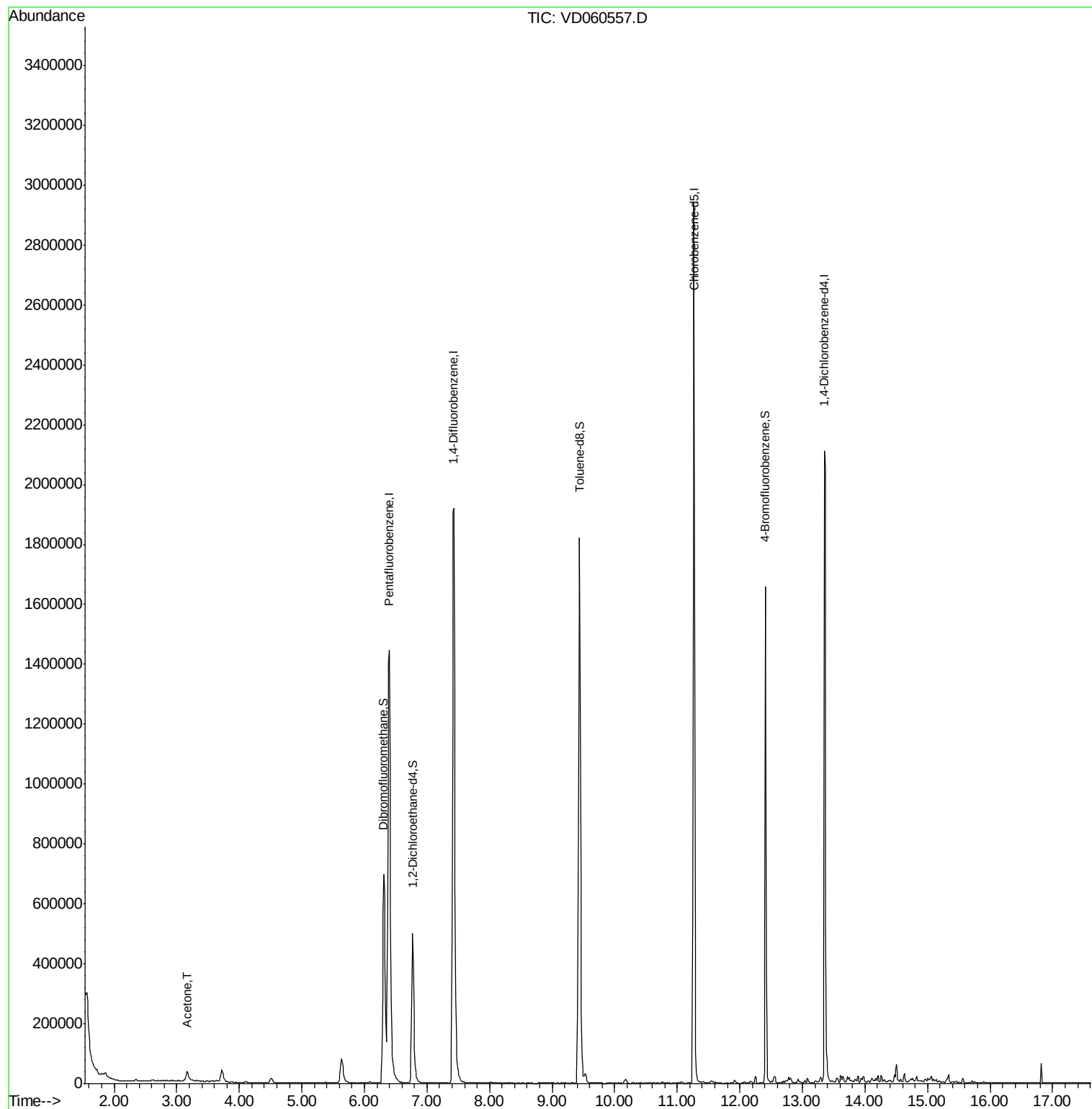
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1526592	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.43	114	2174464	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	1557841	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.36	152	548900	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	426810	39.44	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	78.88%	
35) Dibromofluoromethane	6.31	113	576452	36.09	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	72.18%	
50) Toluene-d8	9.44	98	1501524	32.49	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	64.98%	
62) 4-Bromofluorobenzene	12.41	95	487237	29.46	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	58.92%	
Target Compounds						
16) Acetone	3.17	43	77002	44.396	ug/l	Qvalue 96

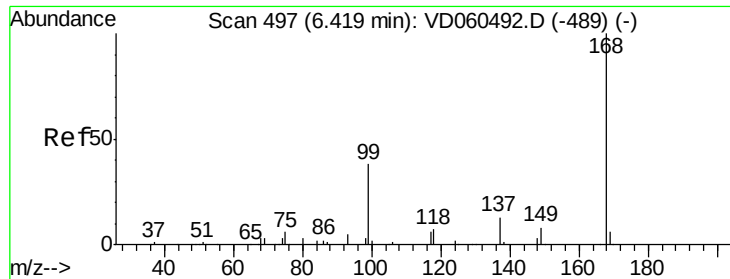
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 495

Delta R.T. -0.02 min

Lab File: VD060557.D

Acq: 13 Dec 2018 13:24

Instrument :

MSVOA_D

ClientSampleId :

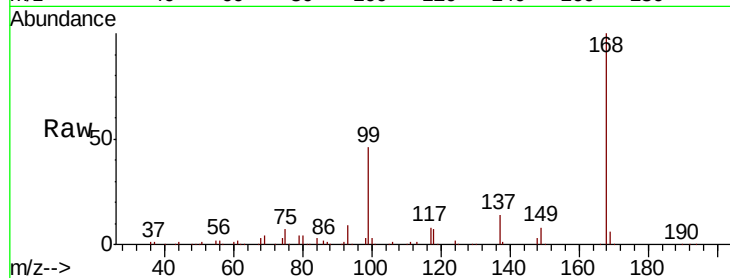
FK-GF-02-029-B

Tot Ion:168 Resp: 1526592

Ion Ratio Lower Upper

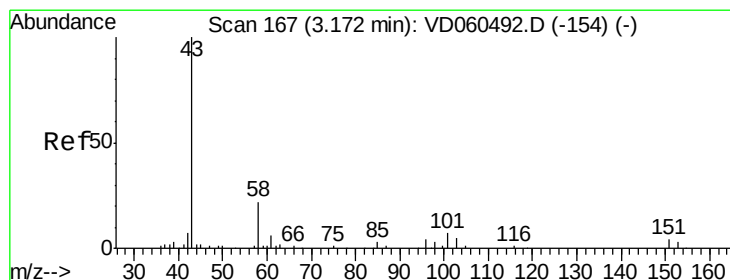
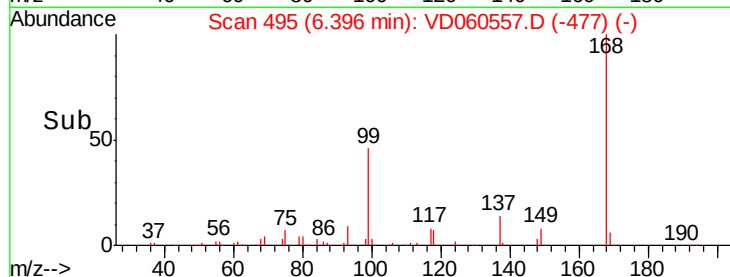
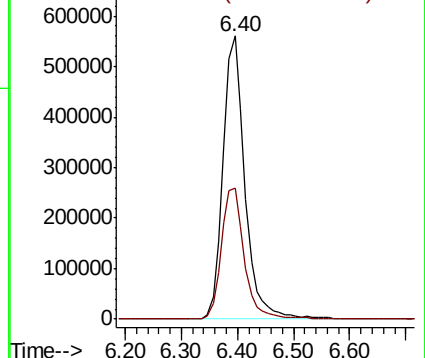
168 100

99 46.3 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 44.396 ug/l

RT: 3.17 min Scan# 167

Delta R.T. -0.00 min

Lab File: VD060557.D

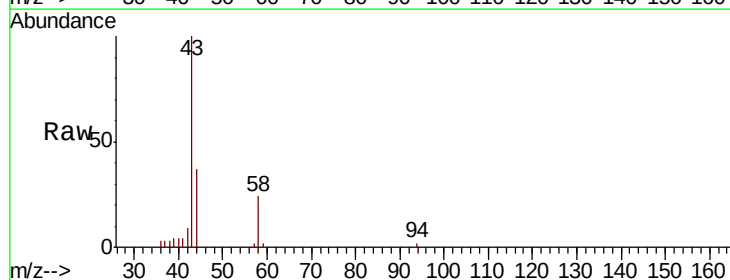
Acq: 13 Dec 2018 13:24

Tgt Ion: 43 Resp: 77002

Ion Ratio Lower Upper

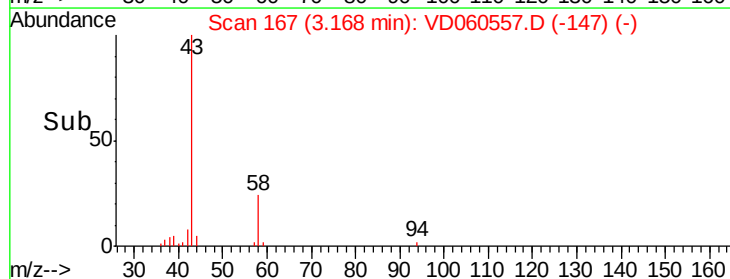
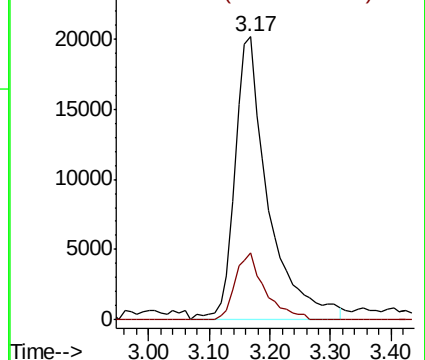
43 100

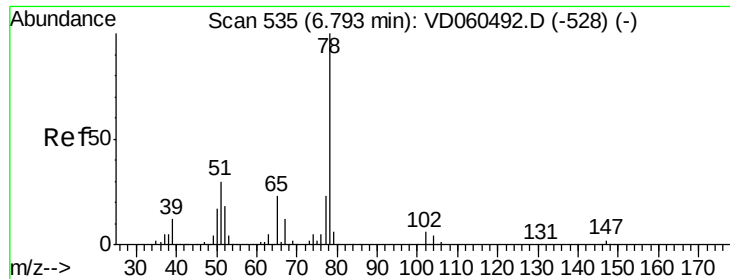
58 23.5 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

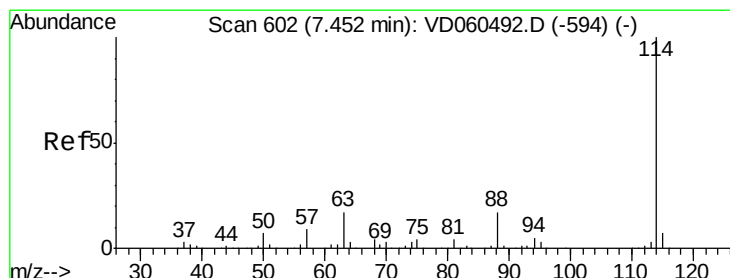
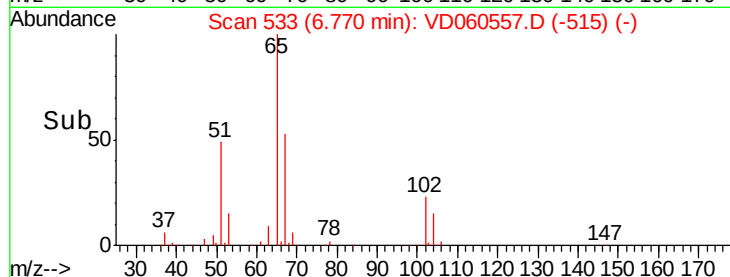
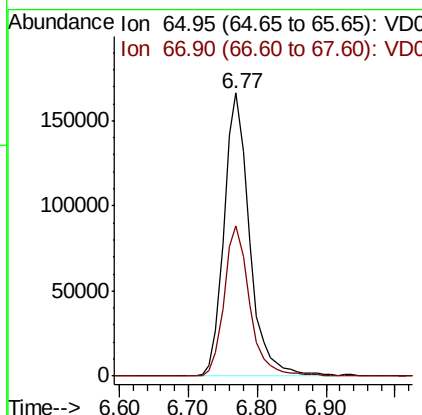
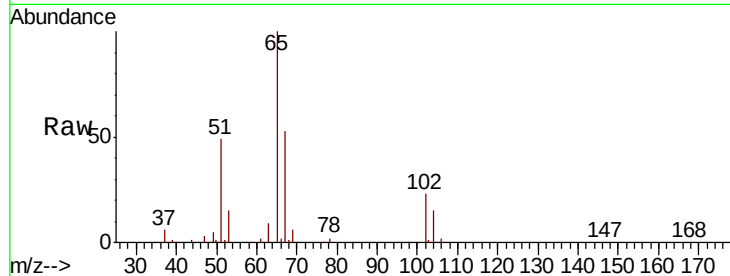




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.77 min Scan# 533
 Delta R.T. -0.02 min
 Lab File: VD060557.D
 Acq: 13 Dec 2018 13:24

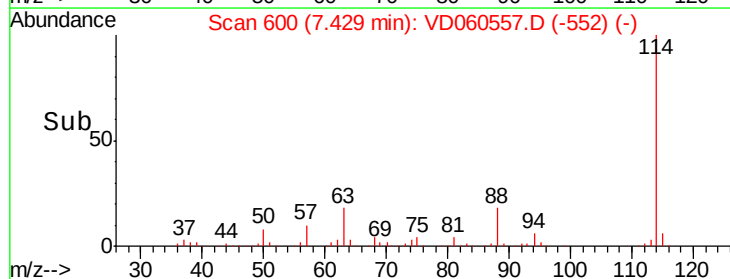
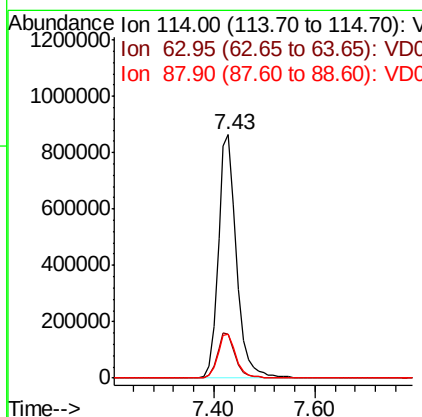
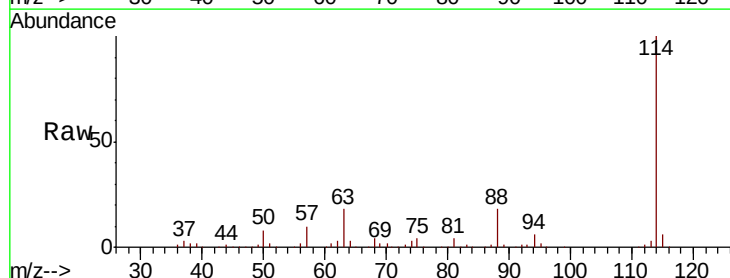
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-029-B

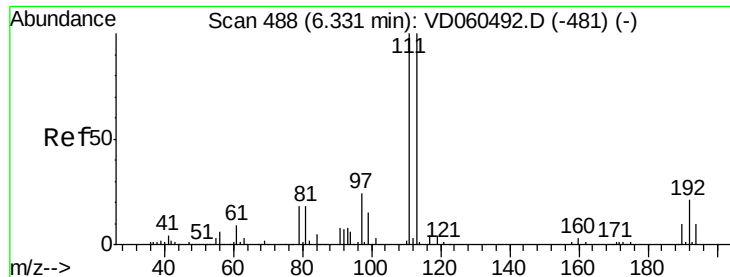
Tot Ion: 65 Resp: 426810
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.43 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: VD060557.D
 Acq: 13 Dec 2018 13:24

Tgt Ion: 114 Resp: 2174464
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 34.2
 88 17.9 0.0 35.0

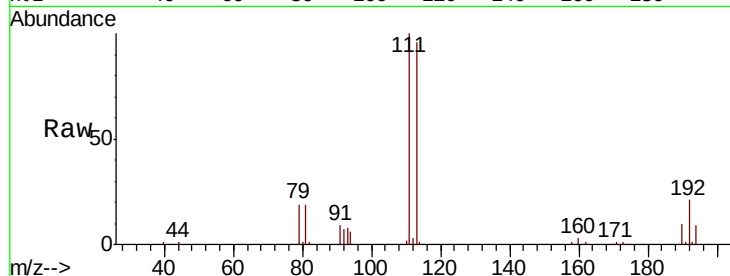




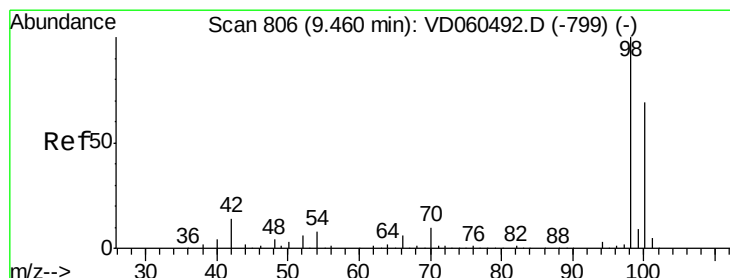
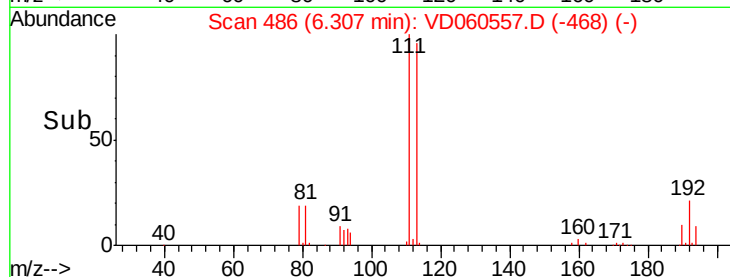
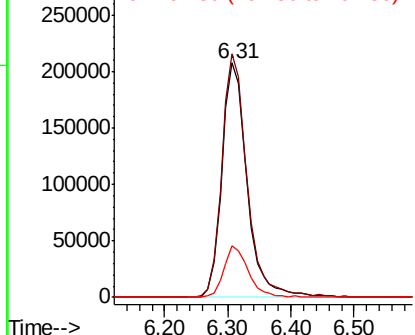
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.31 min Scan# 486
 Delta R.T. -0.02 min
 Lab File: VD060557.D
 Acq: 13 Dec 2018 13:24

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-029-B

Tot Ion:113 Resp: 576452
 Ion Ratio Lower Upper
 113 100
 111 103.9 80.2 120.4
 192 21.8 16.6 24.8

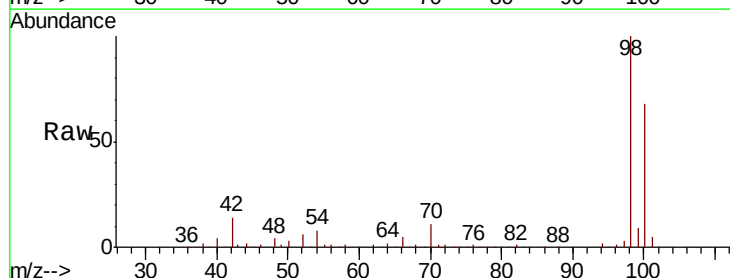


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

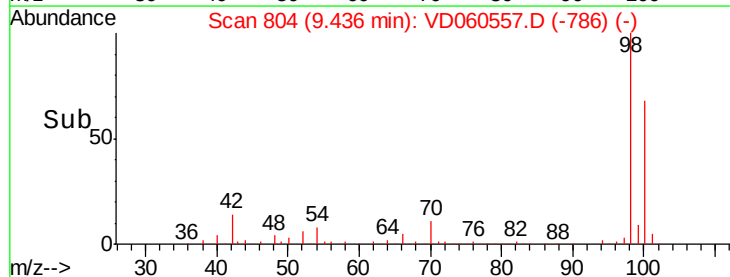
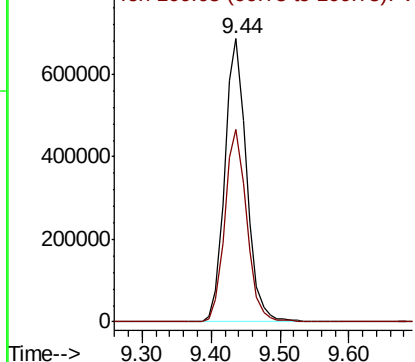


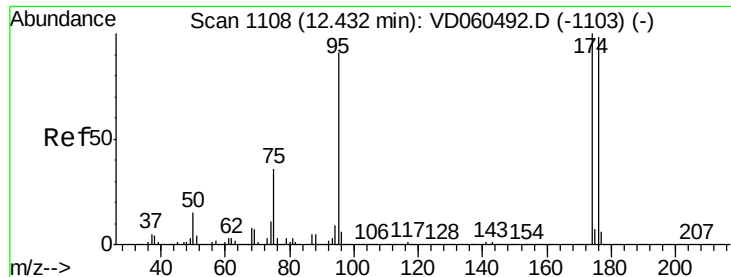
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 9.44 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: VD060557.D
 Acq: 13 Dec 2018 13:24

Tgt Ion: 98 Resp: 1501524
 Ion Ratio Lower Upper
 98 100
 100 67.9 55.7 83.5



Abundance Ion 98.05 (97.75 to 98.75): VD
 Ion 100.05 (99.75 to 100.75): VD





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.41 min Scan# 1106

Delta R.T. -0.02 min

Lab File: VD060557.D

Acq: 13 Dec 2018 13:24

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-029-B

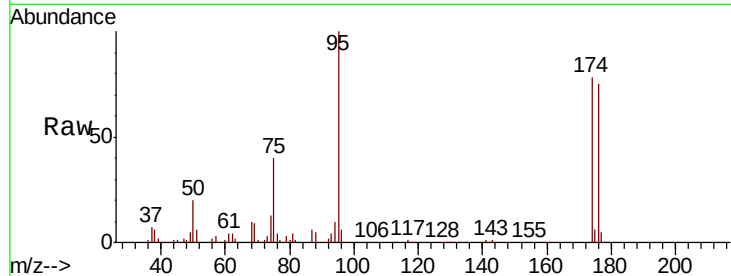
Tot Ion: 95 Resp: 487237

Ion Ratio Lower Upper

95 100

174 78.3 0.0 219.4

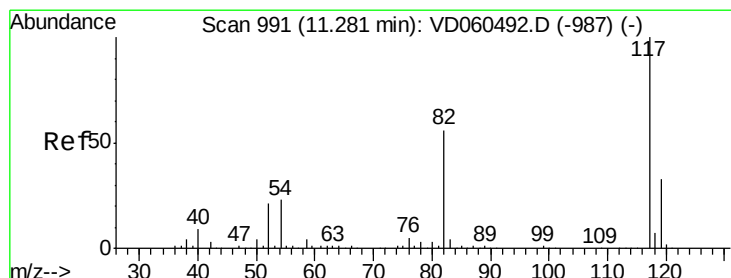
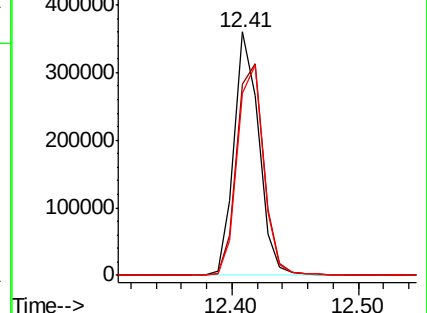
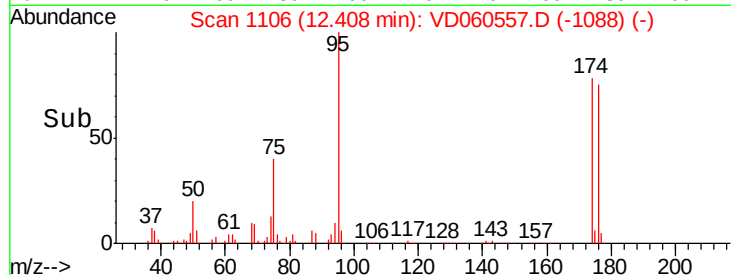
176 74.9 0.0 214.6



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.27 min Scan# 990

Delta R.T. -0.01 min

Lab File: VD060557.D

Acq: 13 Dec 2018 13:24

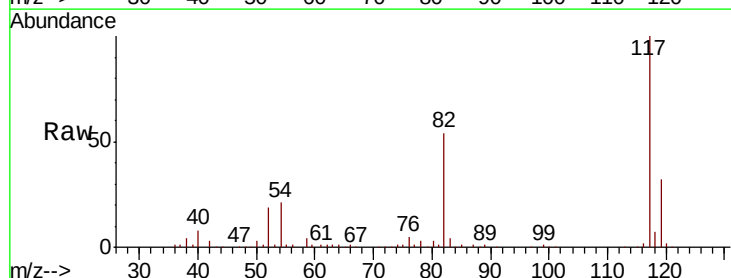
Tgt Ion: 117 Resp: 1557841

Ion Ratio Lower Upper

117 100

82 54.5 45.2 67.8

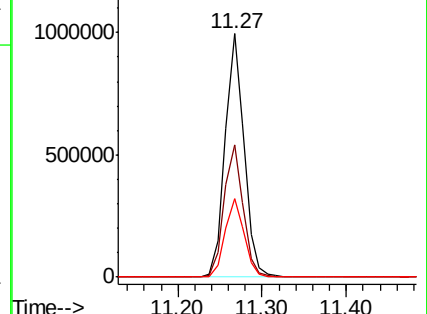
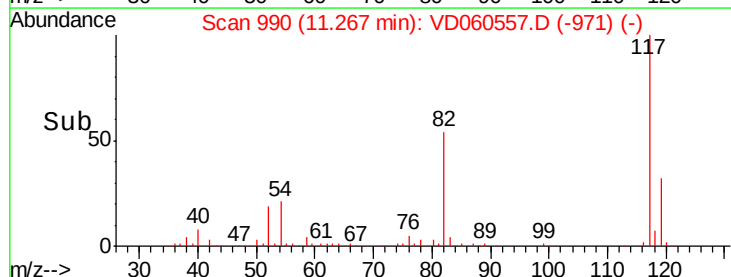
119 32.4 26.1 39.1

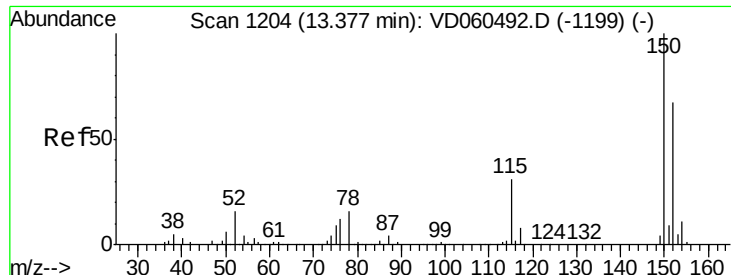


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

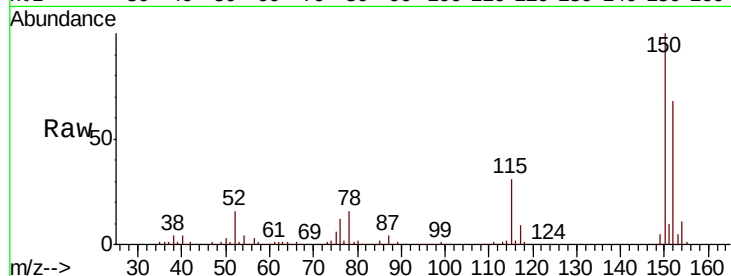




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.36 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: VD060557.D
 Acq: 13 Dec 2018 13:24

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-029-B

Tot Ion	Ratio	Lower	Upper
152	100		
115	46.4	24.6	74.0
150	147.7	0.0	309.0



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

