

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121418\
 Data File : VD060587.D
 Acq On : 14 Dec 2018 21:43
 Operator : VA/AP
 Sample : J6374-04RE
 Misc : 4.77g/5ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Dec 14 23:24:20 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

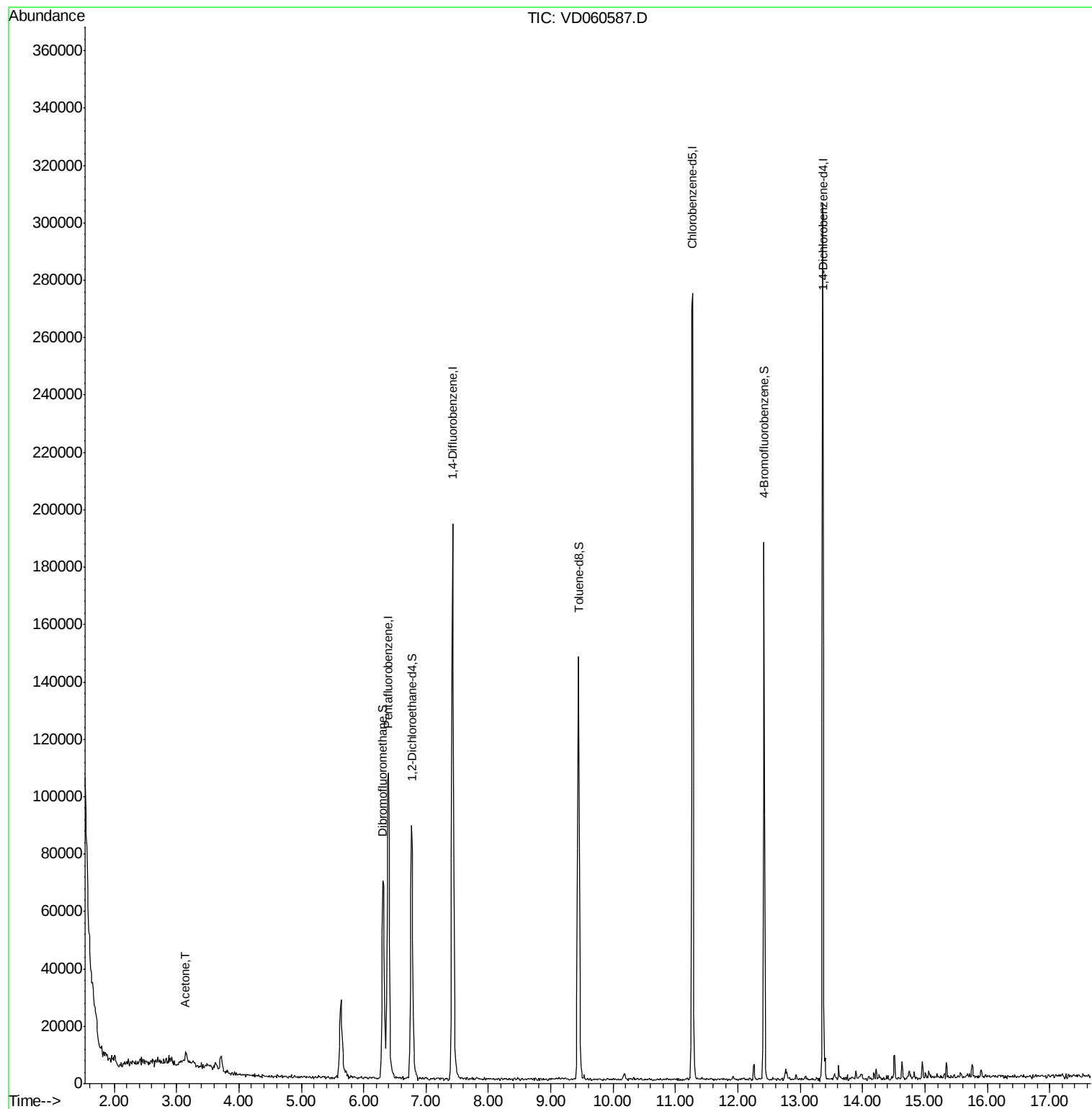
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	112004	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.43	114	191739	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.28	117	154391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	64867	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	74866	94.30	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	188.60%	
35) Dibromofluoromethane	6.31	113	56972	40.45	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	80.90%	
50) Toluene-d8	9.44	98	123658	30.34	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	60.68%	
62) 4-Bromofluorobenzene	12.42	95	50114	34.36	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	68.72%	
Target Compounds						
16) Acetone	3.15	43	10524	82.702	ug/l	Qvalue 96

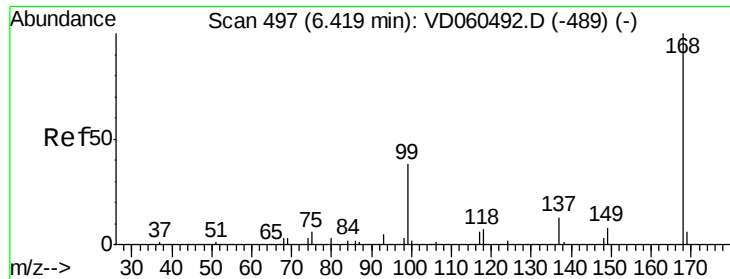
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.39 min Scan# 495

Delta R.T. -0.03 min

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Instrument :

MSVOA_D

ClientSampleId :

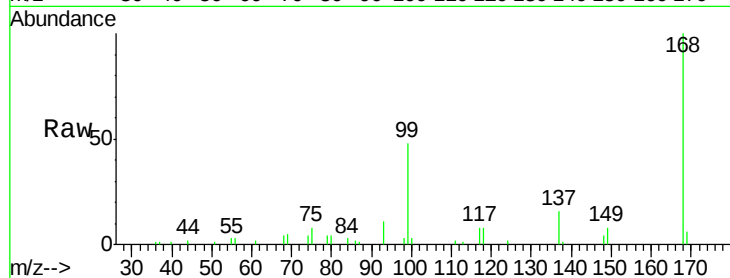
FK-GF-02-029-BRE

Tgt Ion:168 Resp: 112004

Ion Ratio Lower Upper

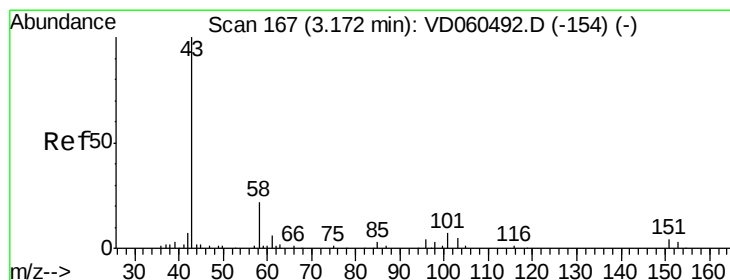
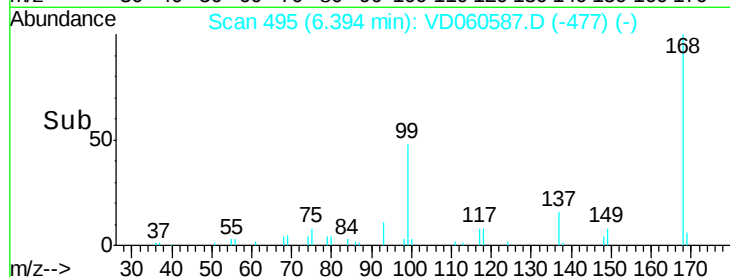
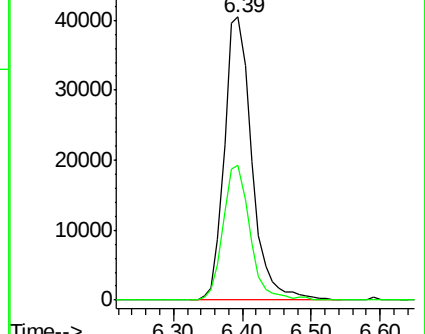
168 100

99 47.5 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: 82.702 ug/l

RT: 3.15 min Scan# 165

Delta R.T. -0.03 min

Lab File: VD060587.D

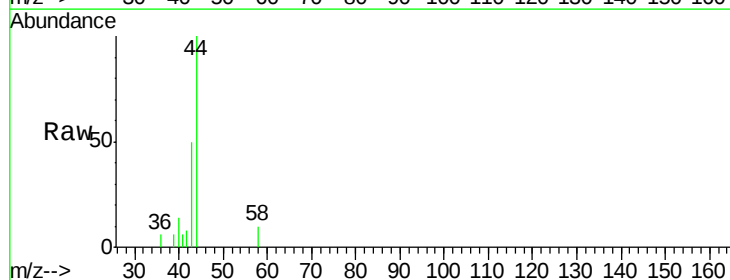
Acq: 14 Dec 2018 21:43

Tgt Ion: 43 Resp: 10524

Ion Ratio Lower Upper

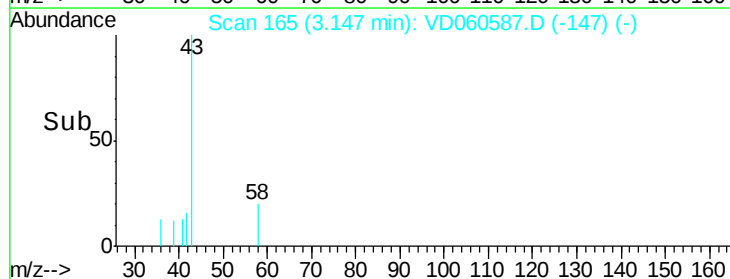
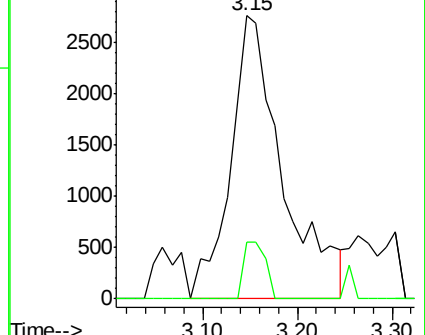
43 100

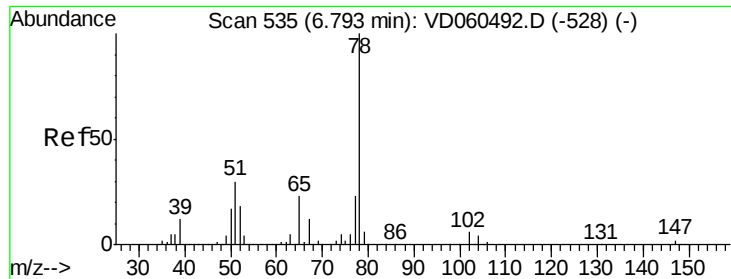
58 19.9 17.3 25.9



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. -0.03 min

Lab File: VD060587.D

Acq: 14 Dec 2018 21:43

Instrument :

MSVOA_D

ClientSampleId :

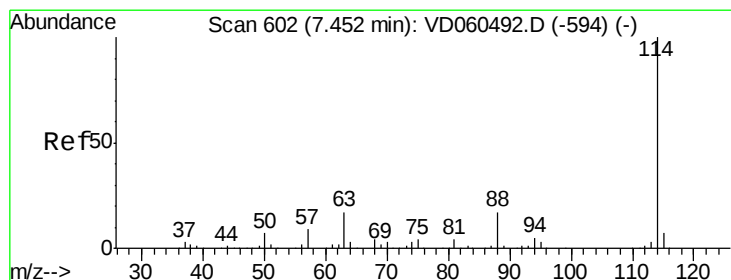
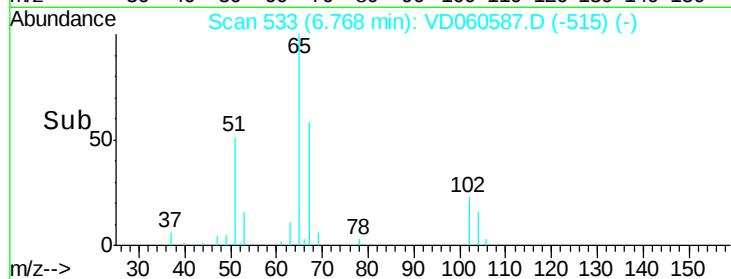
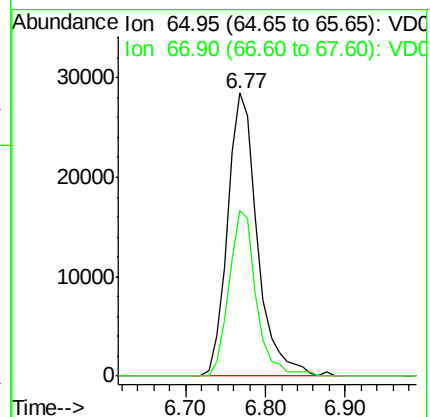
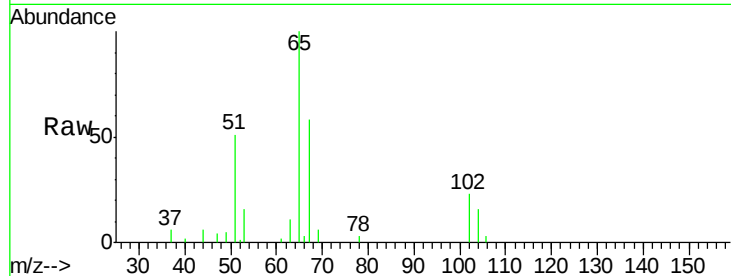
FK-GF-02-029-BRE

Tgt Ion: 65 Resp: 74866

Ion Ratio Lower Upper

65 100

67 58.4 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.43 min Scan# 600

Delta R.T. -0.03 min

Lab File: VD060587.D

Acq: 14 Dec 2018 21:43

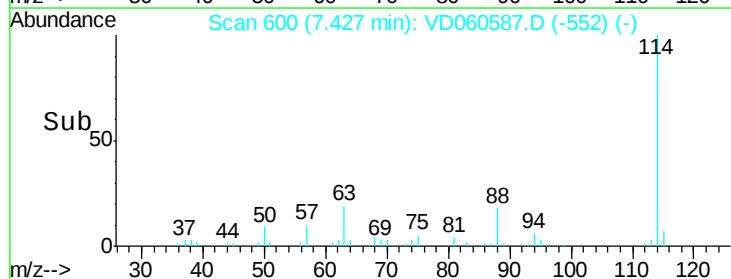
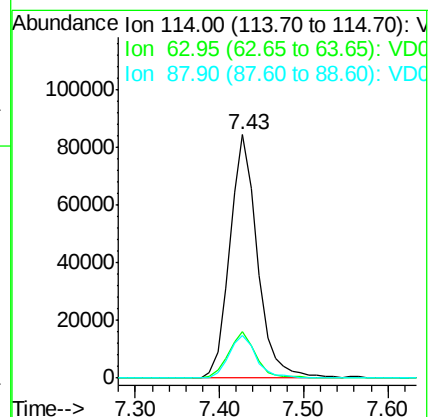
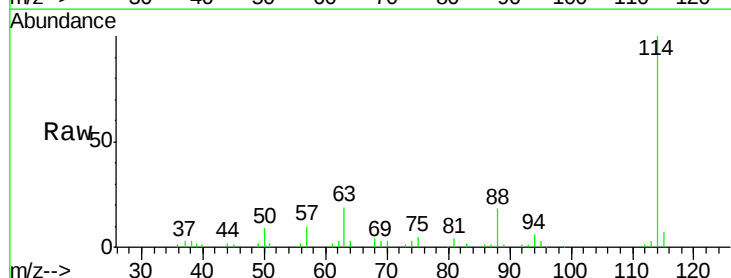
Tgt Ion: 114 Resp: 191739

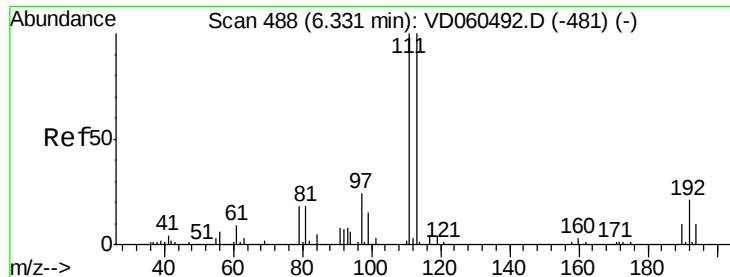
Ion Ratio Lower Upper

114 100

63 18.9 0.0 34.2

88 17.8 0.0 35.0

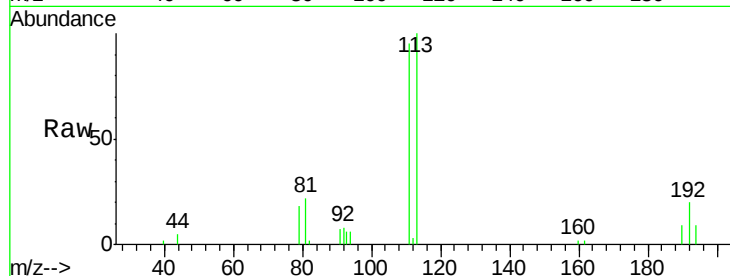




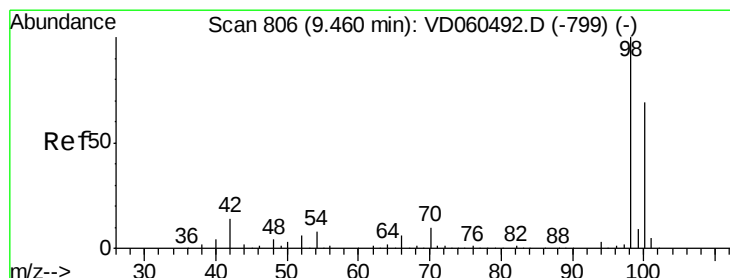
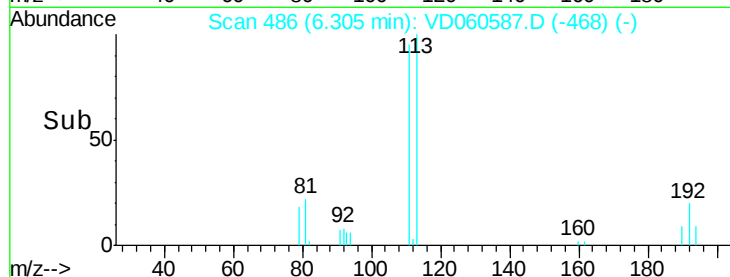
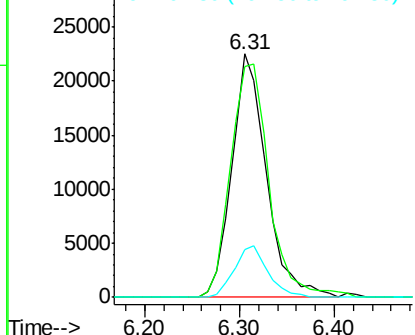
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.31 min Scan# 486
Delta R.T. -0.03 min
Lab File: VD060587.D
Acq: 14 Dec 2018 21:43

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

Tgt Ion:113 Resp: 56972
Ion Ratio Lower Upper
113 100
111 95.0 80.2 120.4
192 19.6 16.6 24.8

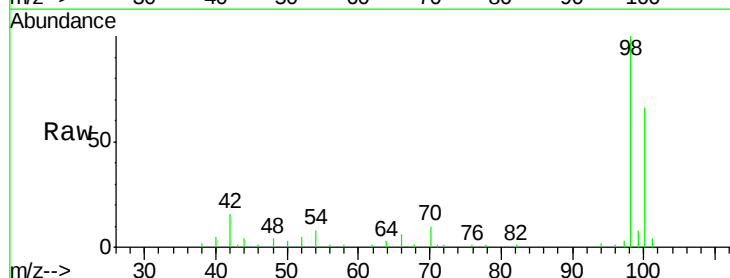


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

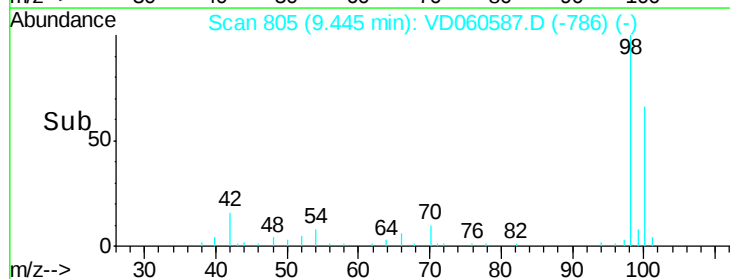
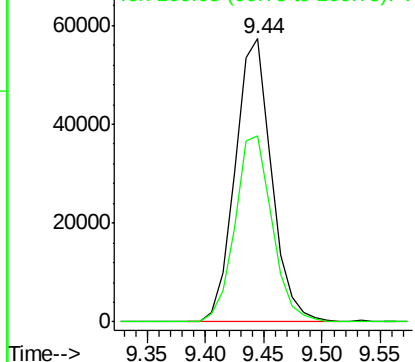


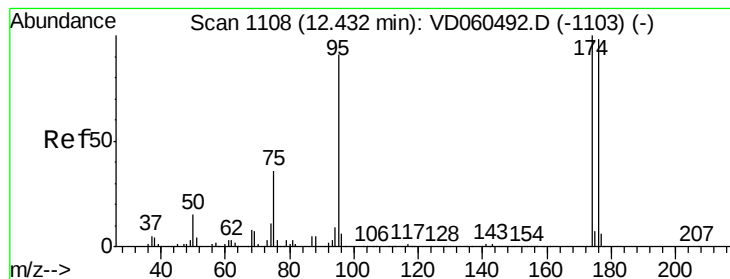
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 805
Delta R.T. -0.02 min
Lab File: VD060587.D
Acq: 14 Dec 2018 21:43

Tgt Ion: 98 Resp: 123658
Ion Ratio Lower Upper
98 100
100 65.8 55.7 83.5



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: 12.42 min Scan# 1107

Delta R.T. -0.02 min

Lab File: VD060587.D

Acq: 14 Dec 2018 21:43

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-029-BRE

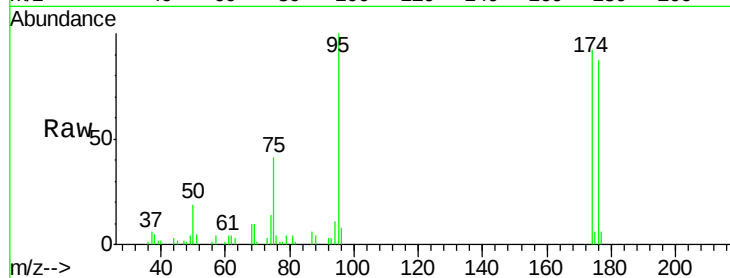
Tgt Ion: 95 Resp: 50114

Ion Ratio Lower Upper

95 100

174 92.0 0.0 219.4

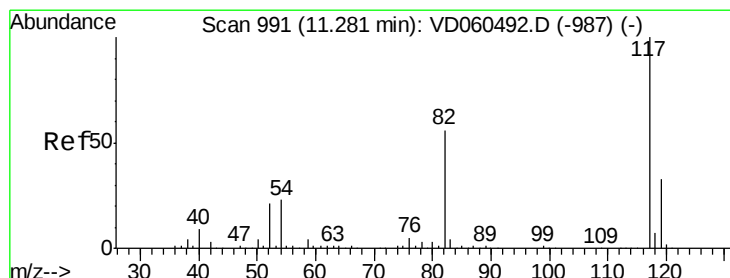
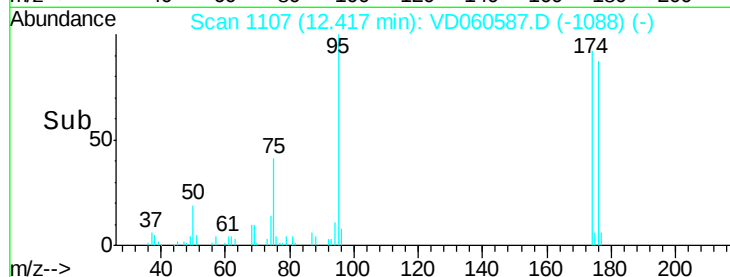
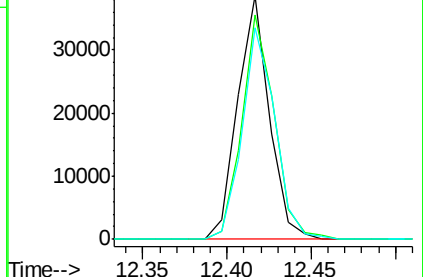
176 86.9 0.0 214.6



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: 11.28 min Scan# 991

Delta R.T. -0.01 min

Lab File: VD060587.D

Acq: 14 Dec 2018 21:43

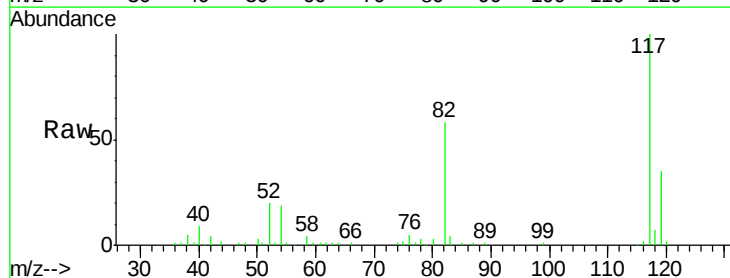
Tgt Ion: 117 Resp: 154391

Ion Ratio Lower Upper

117 100

82 57.8 45.2 67.8

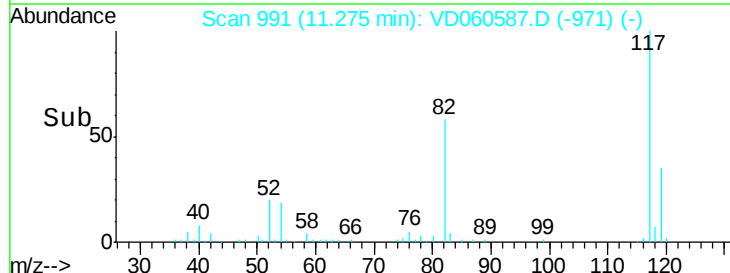
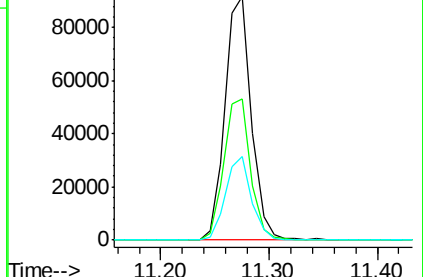
119 34.6 26.1 39.1

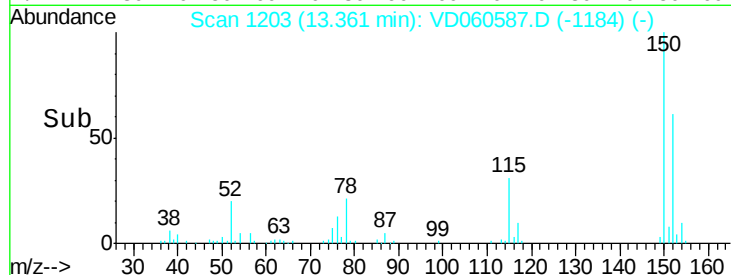
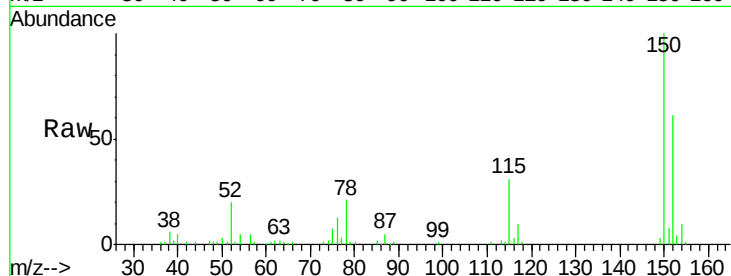
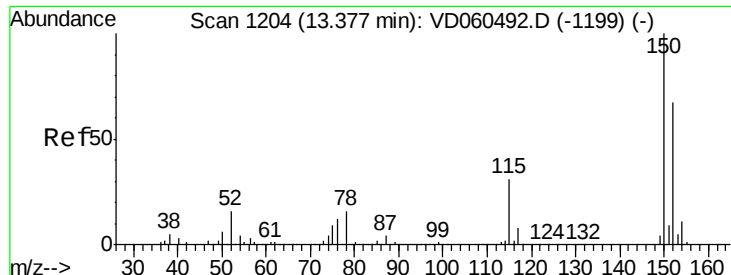


Abundance Ion 116.95 (116.65 to 117.65): V

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. -0.02 min
 Lab File: VD060587.D
 Acq: 14 Dec 2018 21:43

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

Tgt Ion:152 Resp: 64867
 Ion Ratio Lower Upper
 152 100
 115 50.6 24.6 74.0
 150 162.6 0.0 309.0

