

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD033119\
 Data File : VD061459.D
 Acq On : 31 Mar 2019 20:55
 Operator : VA/AP
 Sample : K2131-04RE
 Misc : 7.01g/5ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Apr 01 06:56:34 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

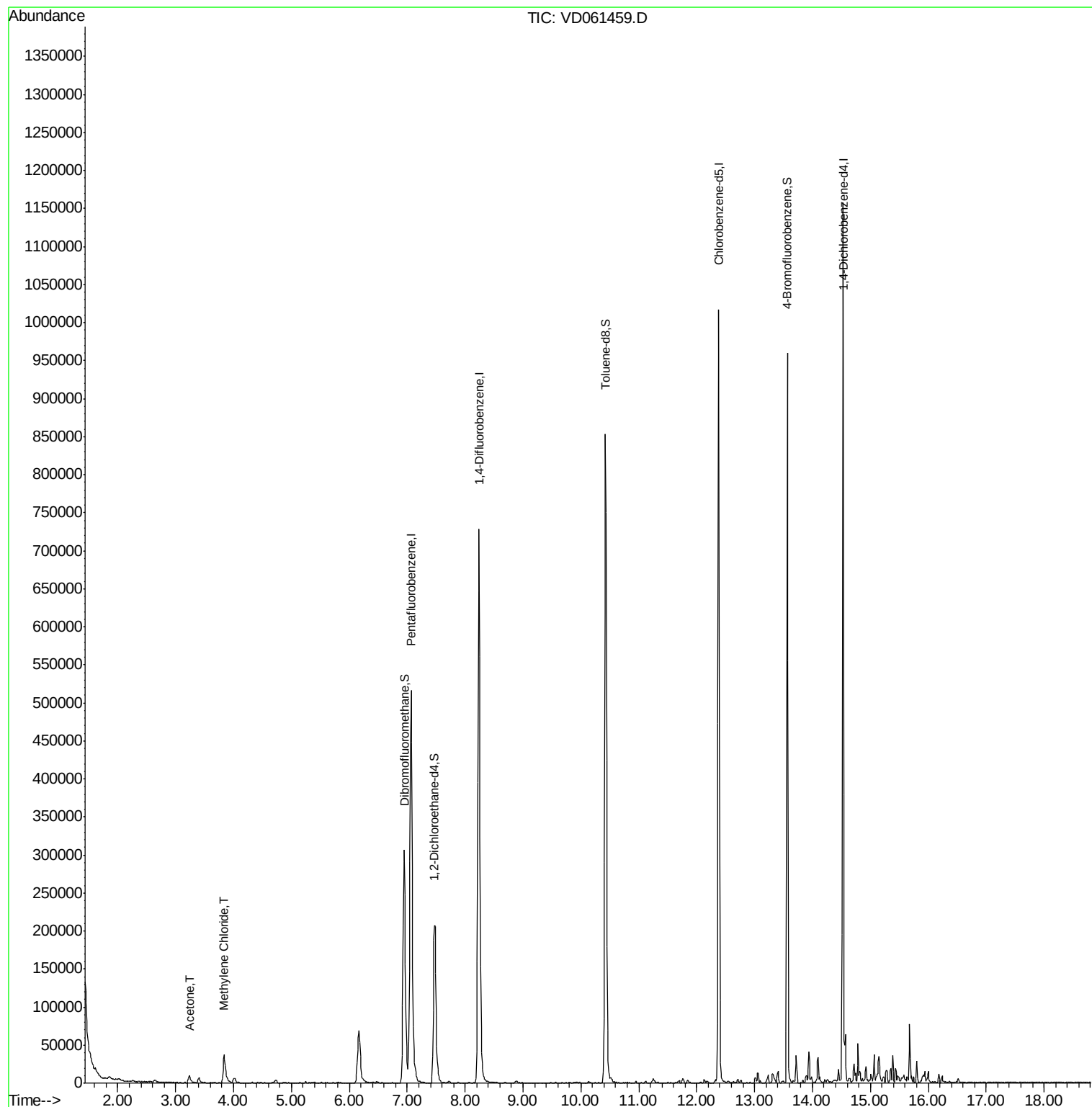
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	534541	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.24	114	918005	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.38	117	686822	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	298458	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	219473	48.06	ug/l	0.04
Spiked Amount 50.000			Recovery	=	96.12%	
35) Dibromofluoromethane	6.95	113	307216	43.79	ug/l	0.05
Spiked Amount 50.000			Recovery	=	87.58%	
50) Toluene-d8	10.42	98	761778	45.27	ug/l	0.04
Spiked Amount 50.000			Recovery	=	90.54%	
62) 4-Bromofluorobenzene	13.56	95	290980	45.10	ug/l	0.02
Spiked Amount 50.000			Recovery	=	90.20%	
Target Compounds						
16) Acetone	3.24	43	18497	15.758	ug/l	99
20) Methylene Chloride	3.84	84	29994	2.747	ug/l	90

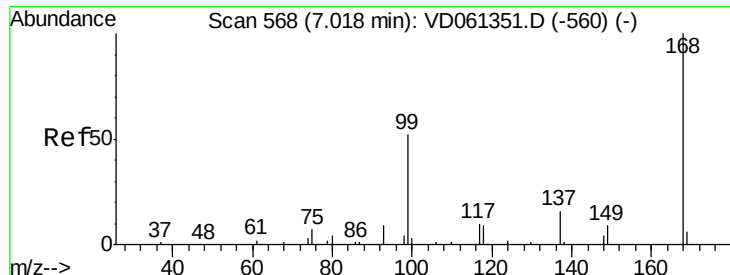
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.05 min

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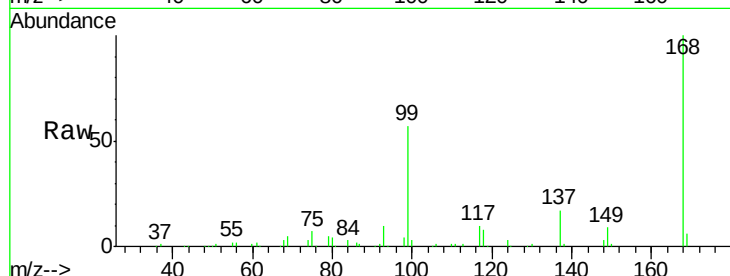
FK-GF-02-035-BRE

Tgt Ion:168 Resp: 534541

Ion Ratio Lower Upper

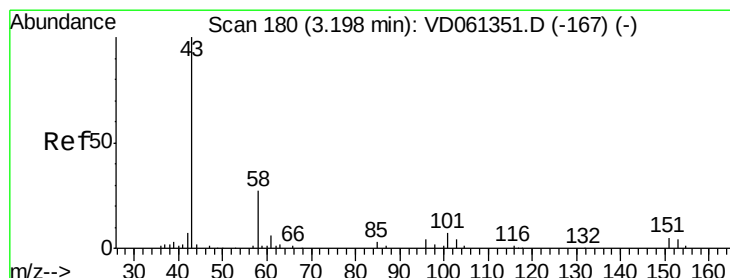
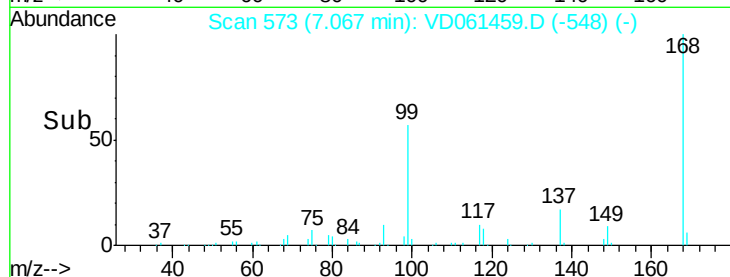
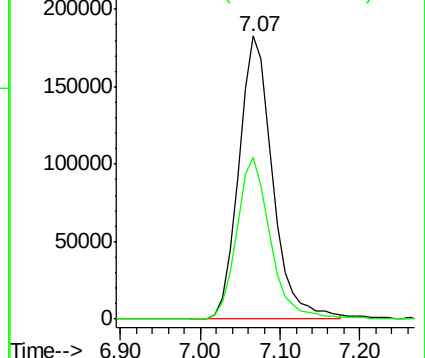
168 100

99 57.1 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: 15.758 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.04 min

Lab File: VD061459.D

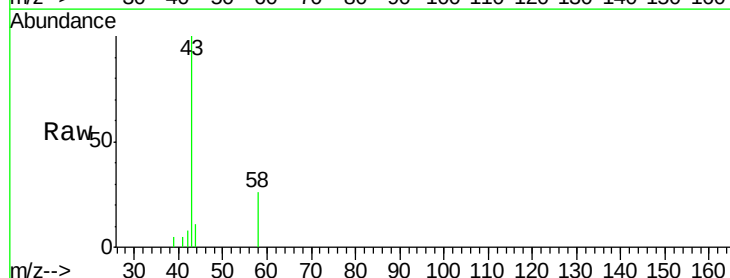
Acq: 31 Mar 2019 20:55

Tgt Ion: 43 Resp: 18497

Ion Ratio Lower Upper

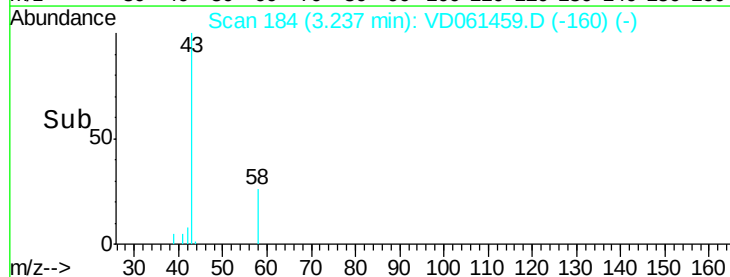
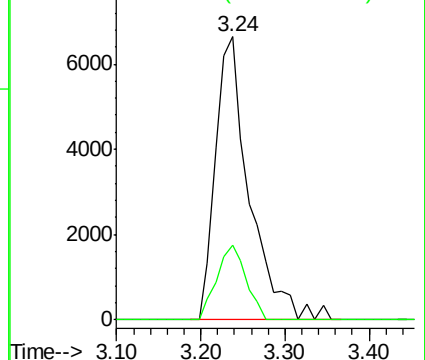
43 100

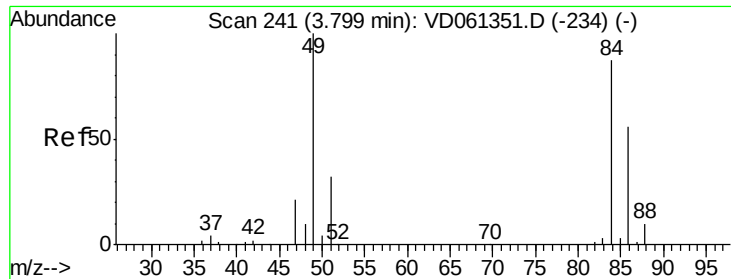
58 26.2 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

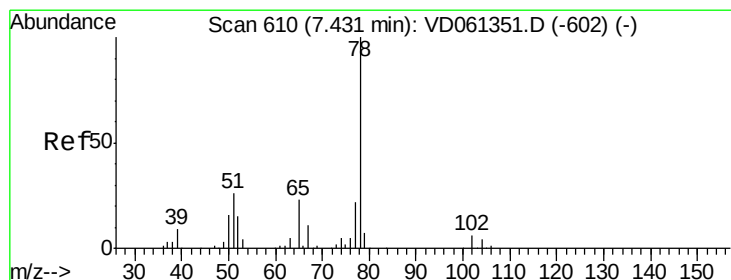
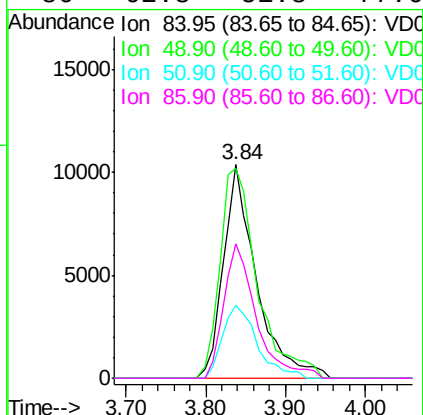
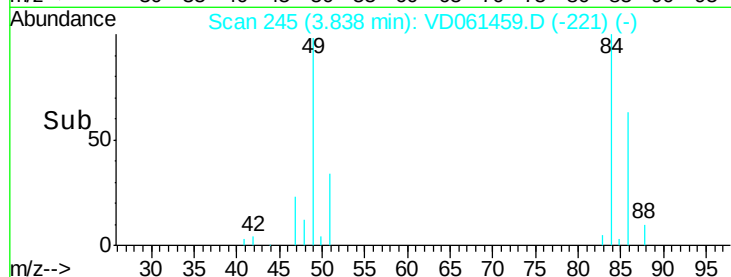
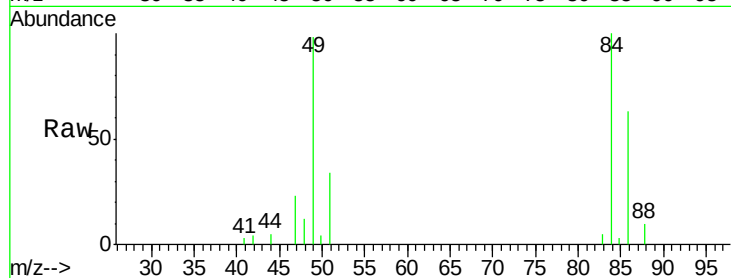




#20
Methylene Chloride
Concen: 2.747 ug/l
RT: 3.84 min Scan# 245
Delta R.T. 0.04 min
Lab File: VD061459.D
Acq: 31 Mar 2019 20:55

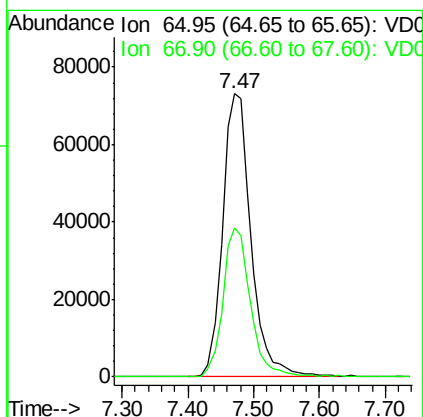
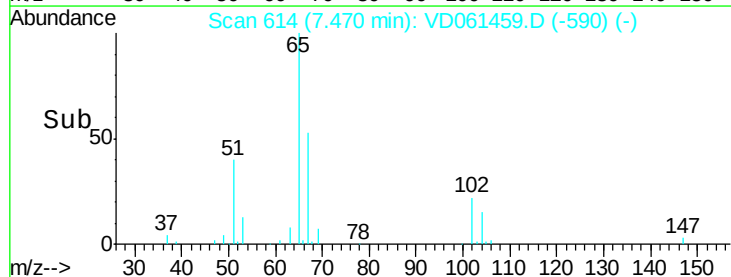
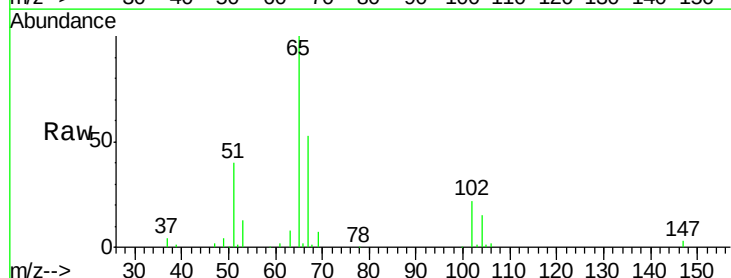
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-035-BRE

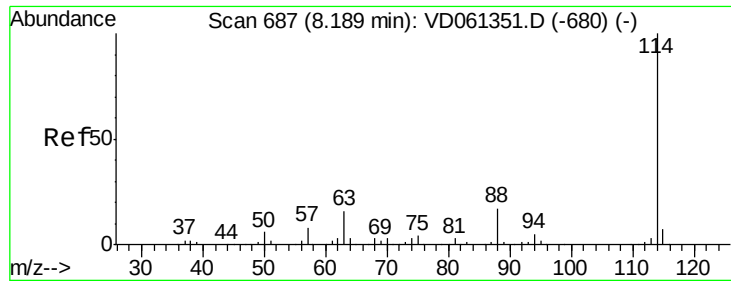
Tgt Ion:	84	Resp:	29994
Ion	Ratio	Lower	Upper
84	100		
49	98.1	91.8	137.8
51	34.1	29.8	44.8
86	62.8	51.8	77.6



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.04 min
Lab File: VD061459.D
Acq: 31 Mar 2019 20:55

Tgt Ion:	65	Resp:	219473
Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	99.8

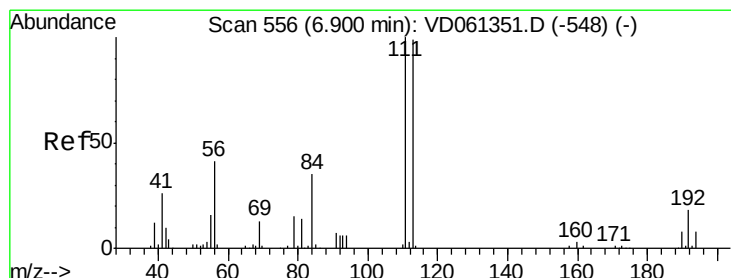
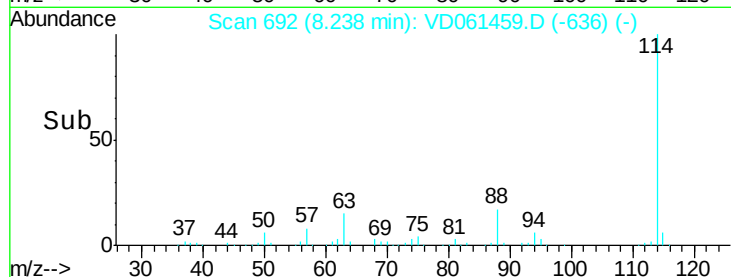
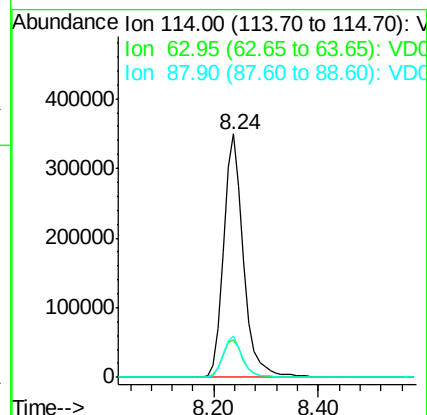
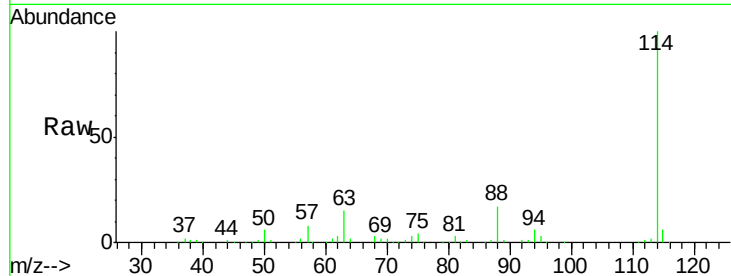




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.05 min
 Lab File: VD061459.D
 Acq: 31 Mar 2019 20:55

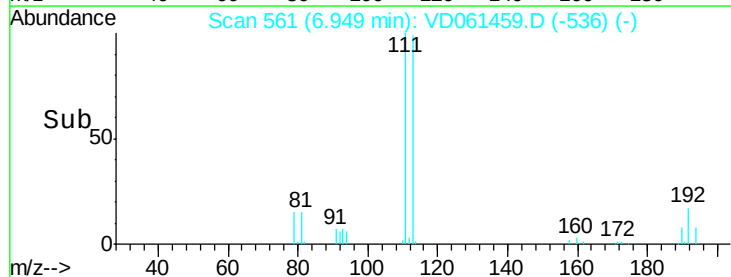
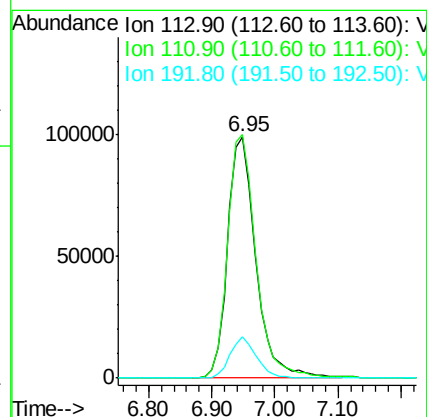
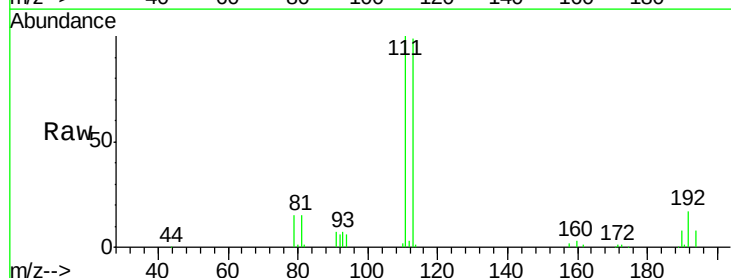
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-035-BRE

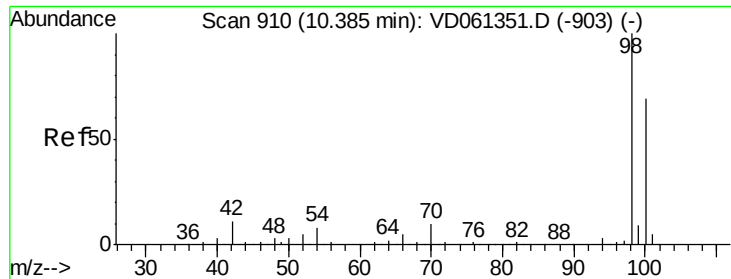
Tgt Ion:114 Resp: 918005
 Ion Ratio Lower Upper
 114 100
 63 15.5 0.0 31.6
 88 17.0 0.0 33.4



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.95 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD061459.D
 Acq: 31 Mar 2019 20:55

Tgt Ion:113 Resp: 307216
 Ion Ratio Lower Upper
 113 100
 111 100.9 81.0 121.6
 192 17.4 14.4 21.6

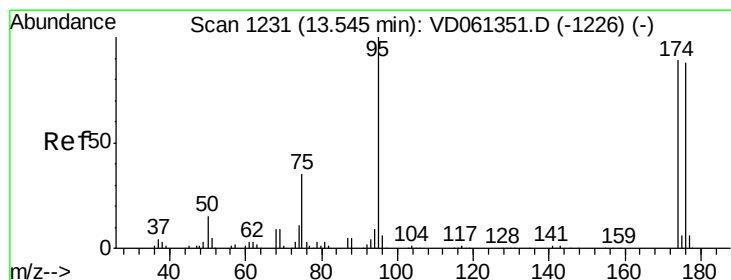
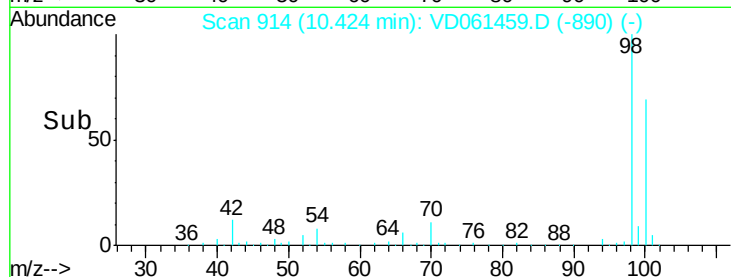
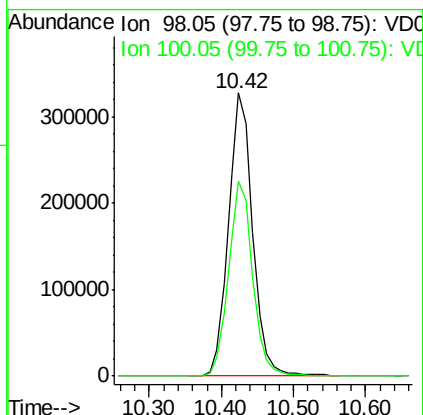
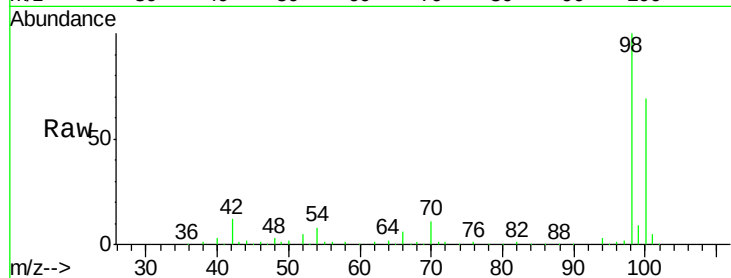




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.04 min
Lab File: VD061459.D
Acq: 31 Mar 2019 20:55

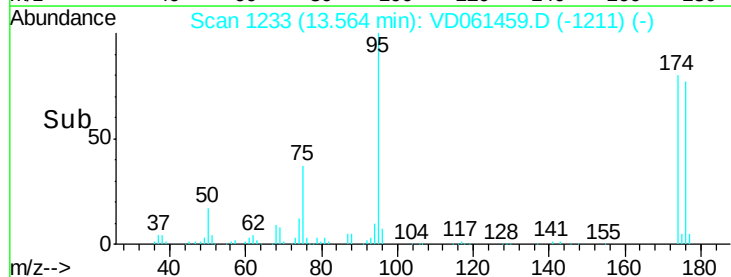
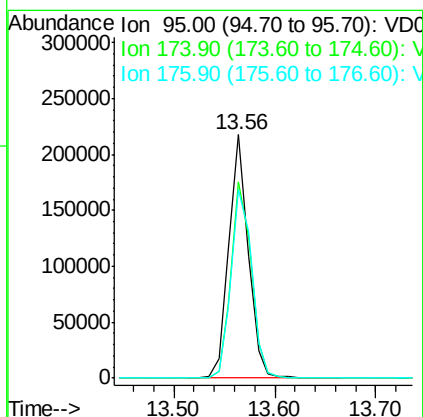
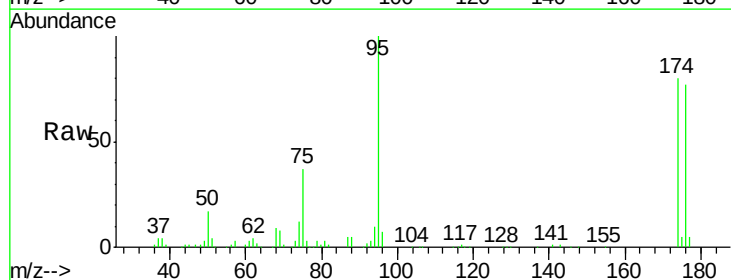
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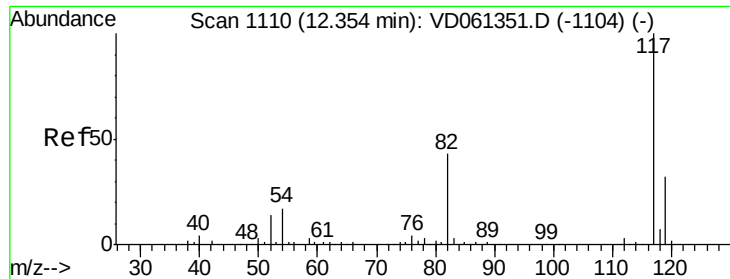
Tgt Ion: 98 Resp: 761778
Ion Ratio Lower Upper
98 100
100 68.9 56.2 84.2



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.02 min
Lab File: VD061459.D
Acq: 31 Mar 2019 20:55

Tgt Ion: 95 Resp: 290980
Ion Ratio Lower Upper
95 100
174 80.4 0.0 178.0
176 77.4 0.0 175.0

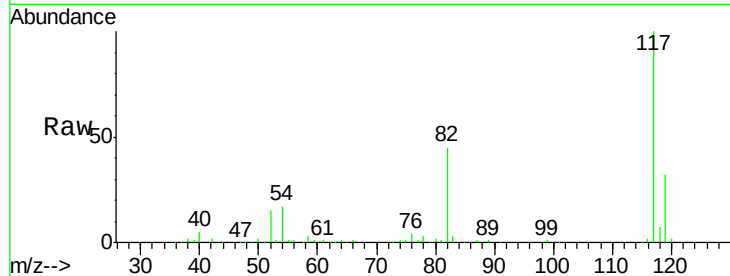




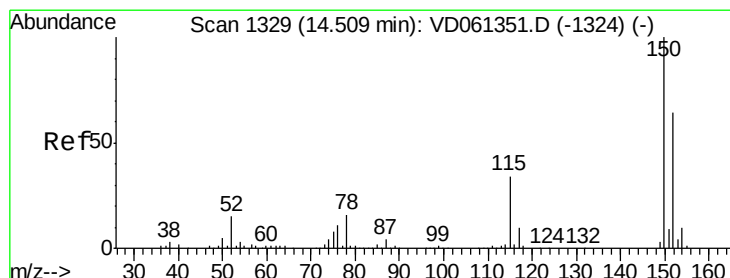
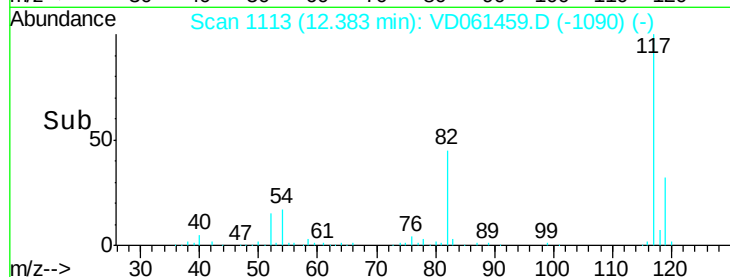
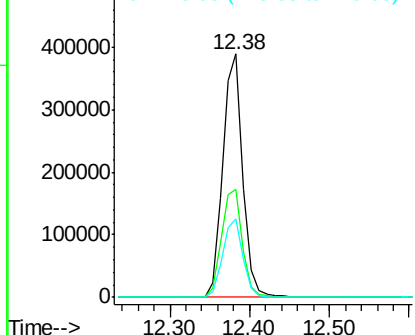
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.03 min
Lab File: VD061459.D
Acq: 31 Mar 2019 20:55

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

Tgt Ion:117 Resp: 686822
Ion Ratio Lower Upper
117 100
82 44.5 34.4 51.6
119 32.2 25.8 38.6

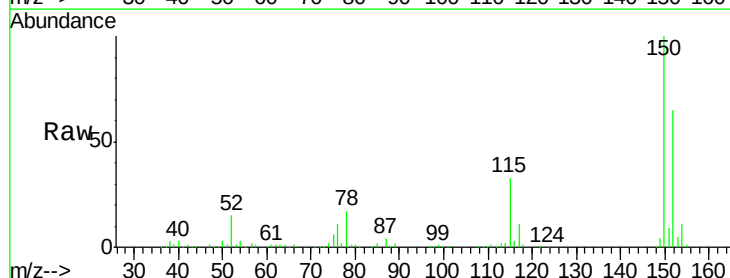


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.02 min
Lab File: VD061459.D
Acq: 31 Mar 2019 20:55

Tgt Ion:152 Resp: 298458
Ion Ratio Lower Upper
152 100
115 51.7 26.9 80.6
150 154.2 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

