

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041819\
 Data File : VD061883.D
 Acq On : 18 Apr 2019 19:29
 Operator : VA/AP
 Sample : K2436-04RE
 Misc : 6.67g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-038-BRE

Quant Time: Apr 19 01:02:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 13:49:04 2019
 Response via : Initial Calibration

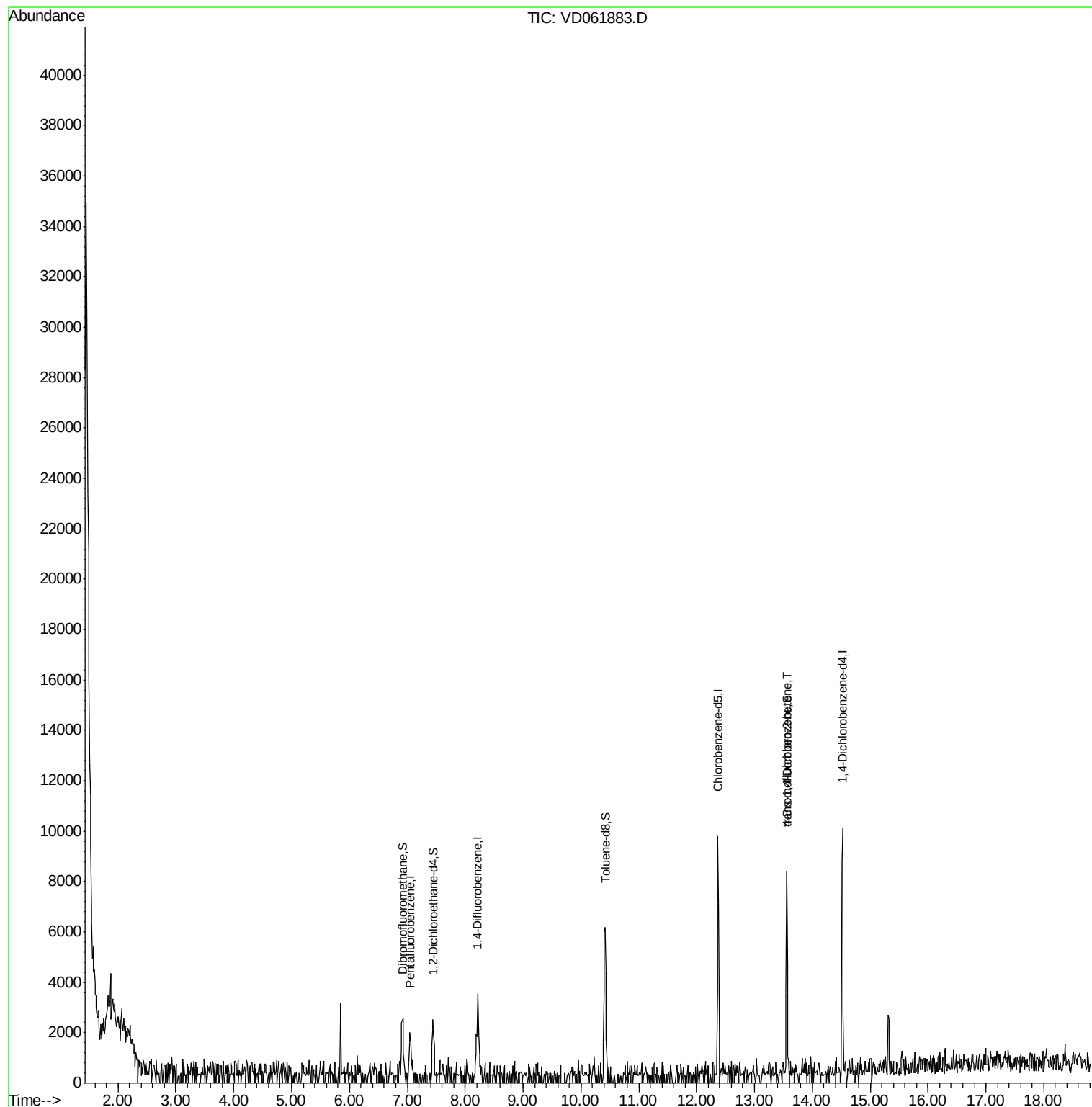
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	3211	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	6830	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	5944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	2624	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	3107	115.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	230.90%	
35) Dibromofluoromethane	6.91	113	2099	40.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.36%	
50) Toluene-d8	10.42	98	7051	57.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.34%	
62) 4-Bromofluorobenzene	13.56	95	3077	62.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.18%	
Target Compounds						
81) trans-1,4-Dichloro-2-buten	13.56	75	921	80.301	ug/l #	16

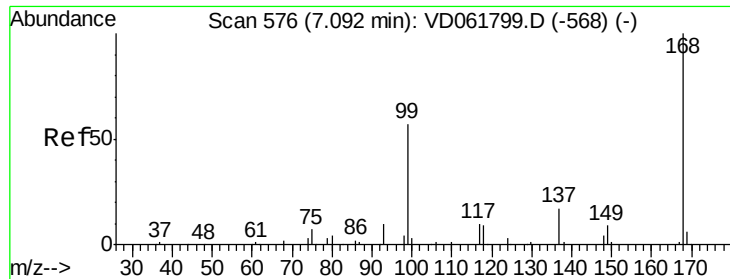
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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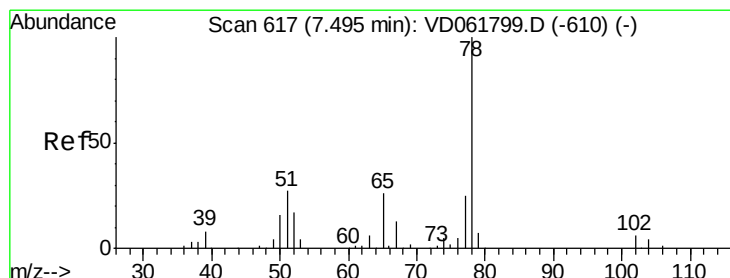
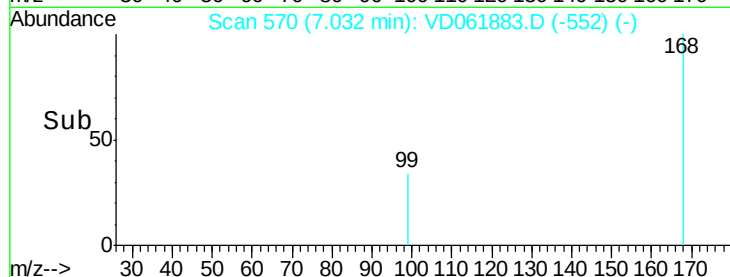
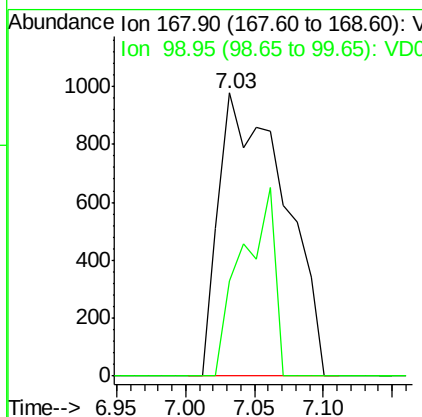
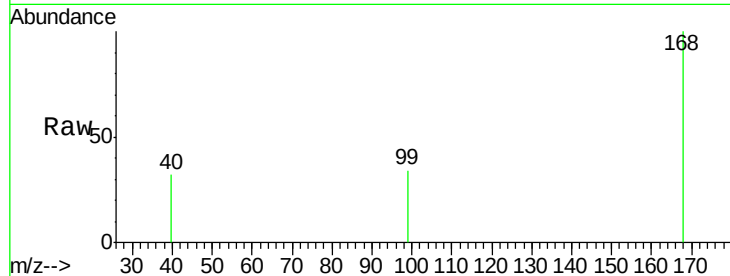




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.03 min Scan# 570
Delta R.T. -0.02 min
Lab File: VD061883.D
Acq: 18 Apr 2019 19:29

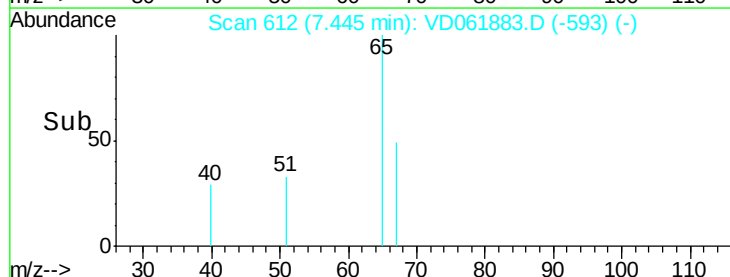
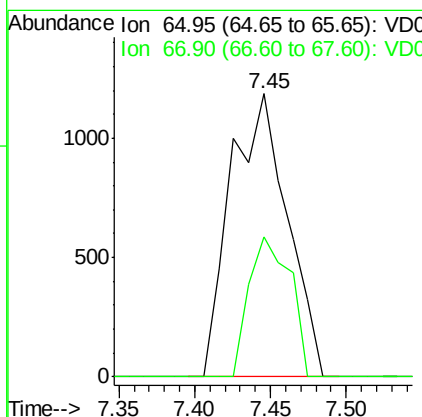
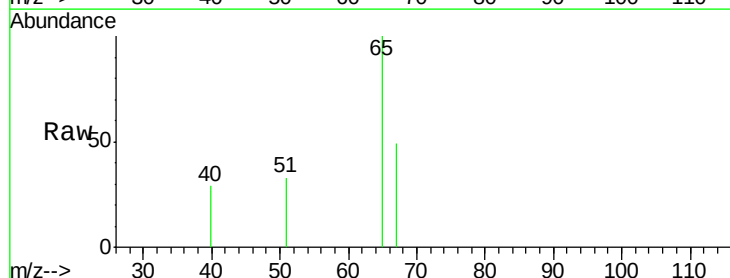
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-038-BRE

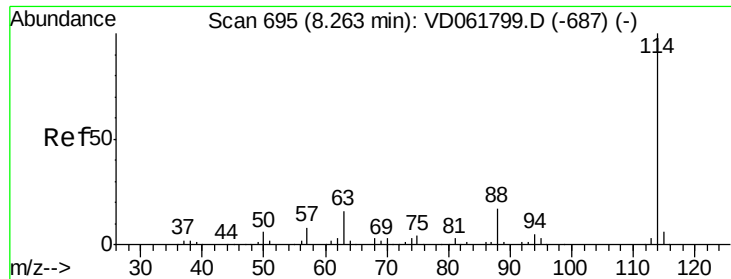
Tot Ion:168 Resp: 3211
Ion Ratio Lower Upper
168 100
99 33.7 46.5 69.7#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.01 min
Lab File: VD061883.D
Acq: 18 Apr 2019 19:29

Tgt Ion: 65 Resp: 3107
Ion Ratio Lower Upper
65 100
67 49.5 0.0 98.0

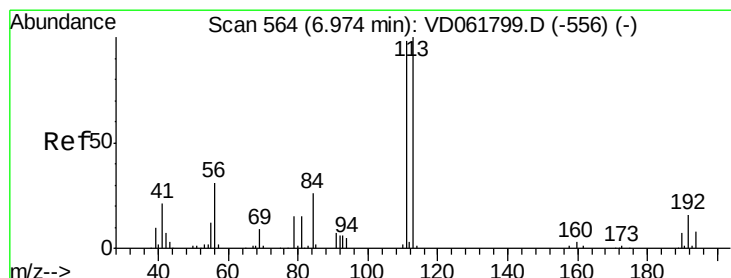
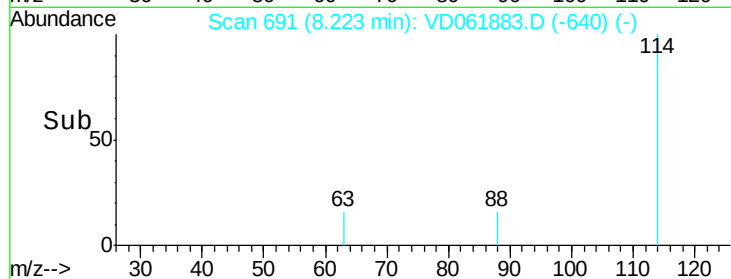
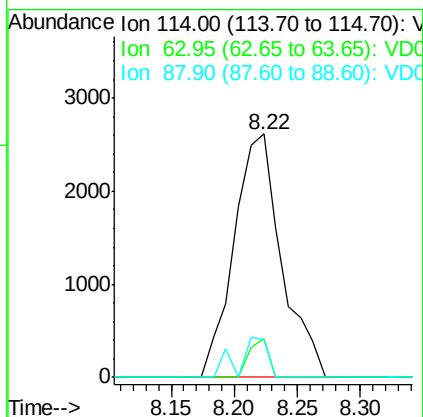
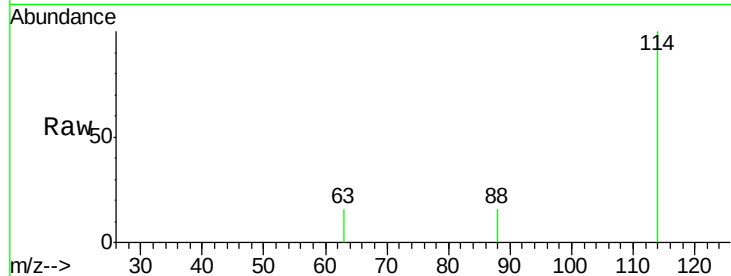




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: VD061883.D
 Acq: 18 Apr 2019 19:29

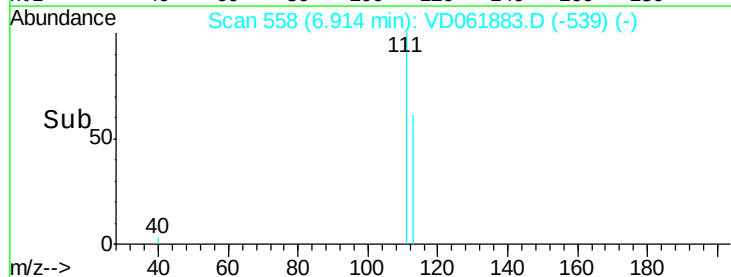
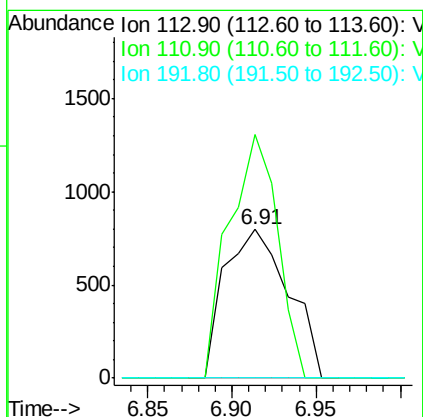
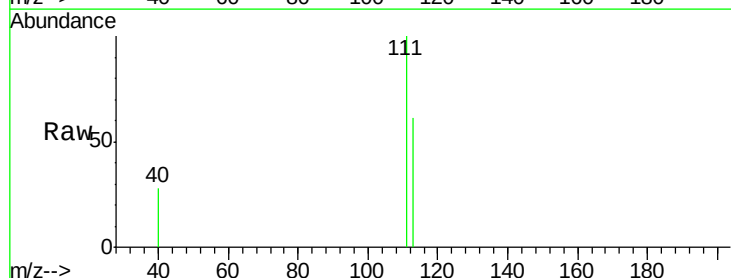
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-038-BRE

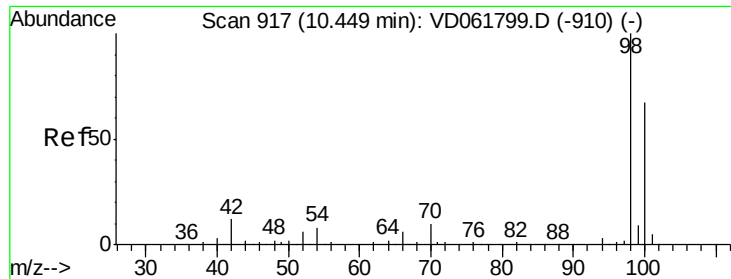
Tot Ion:114 Resp: 6830
 Ion Ratio Lower Upper
 114 100
 63 15.8 0.0 32.4
 88 15.6 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD061883.D
 Acq: 18 Apr 2019 19:29

Tgt Ion:113 Resp: 2099
 Ion Ratio Lower Upper
 113 100
 111 164.1 78.5 117.7#
 192 0.0 13.0 19.4#

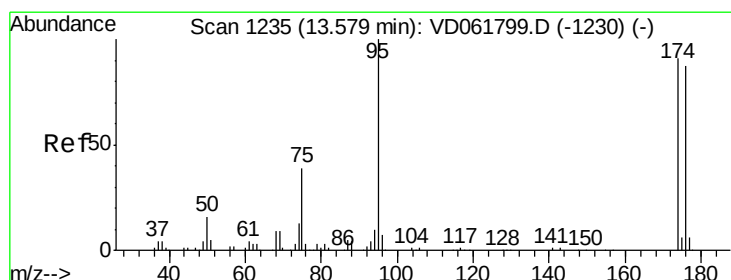
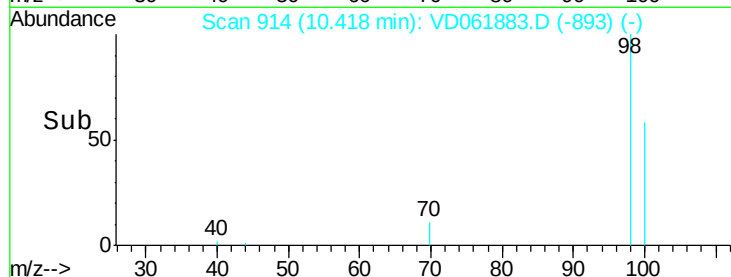
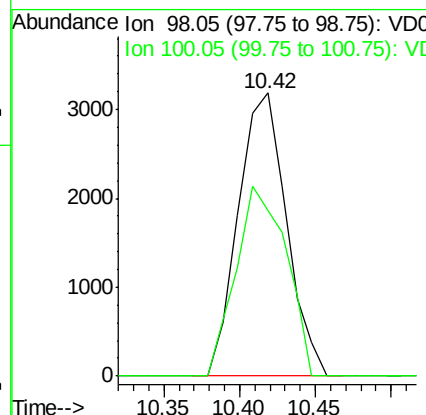
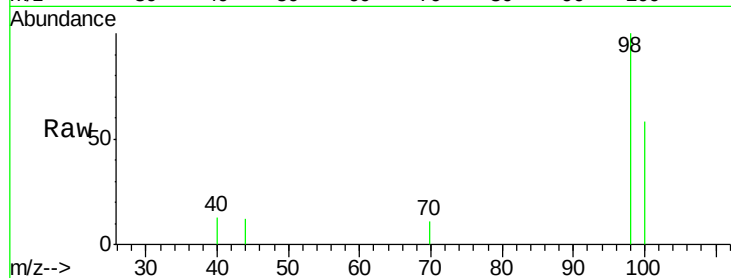




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD061883.D
Acq: 18 Apr 2019 19:29

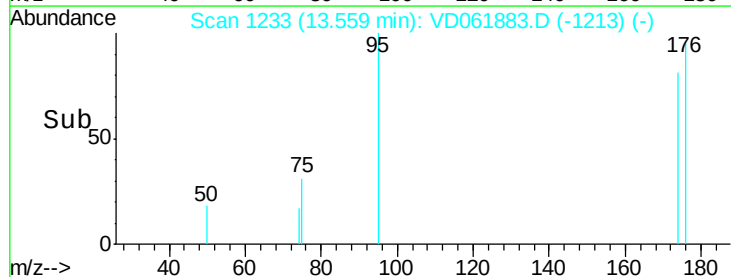
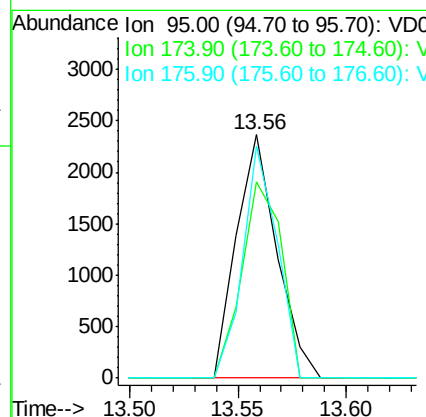
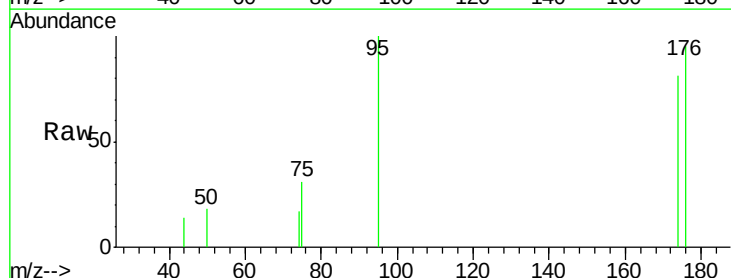
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-038-BRE

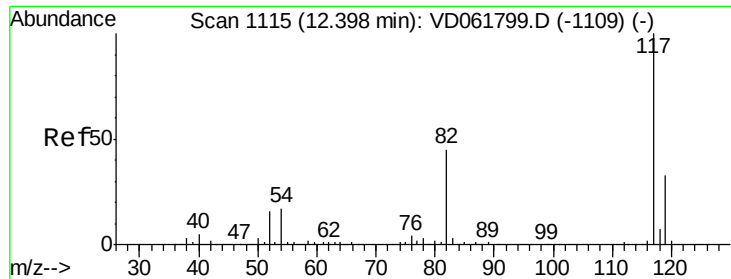
Tot Ion: 98 Resp: 7051
Ion Ratio Lower Upper
98 100
100 58.3 53.8 80.8



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VD061883.D
Acq: 18 Apr 2019 19:29

Tgt Ion: 95 Resp: 3077
Ion Ratio Lower Upper
95 100
174 80.6 0.0 181.8
176 95.4 0.0 174.4

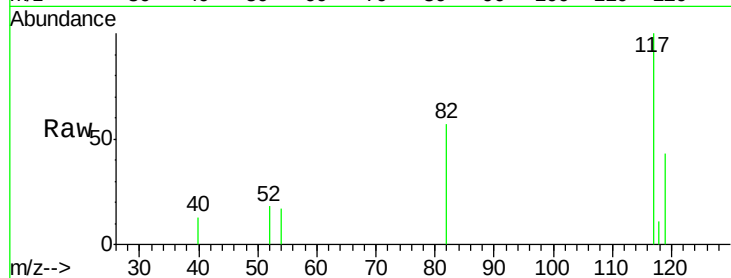




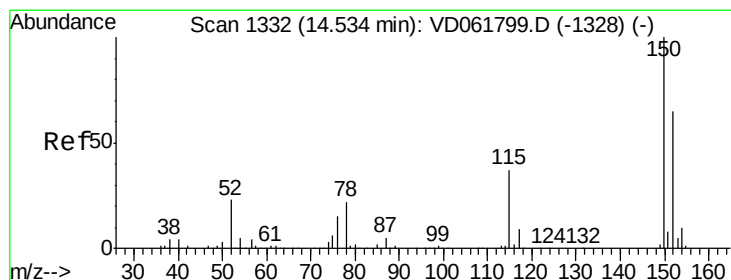
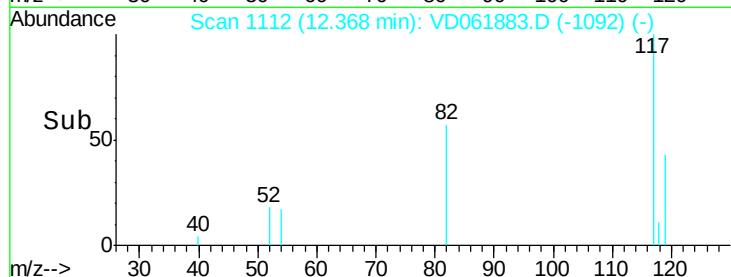
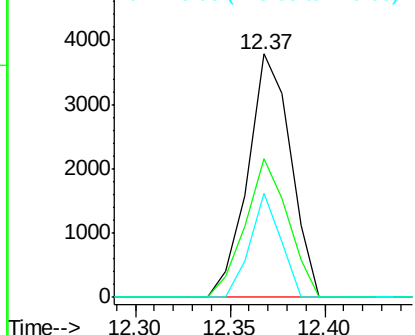
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.37 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: VD061883.D
 Acq: 18 Apr 2019 19:29

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-038-BRE

Tot Ion:117 Resp: 5944
 Ion Ratio Lower Upper
 117 100
 82 57.0 36.2 54.2#
 119 43.0 26.2 39.4#

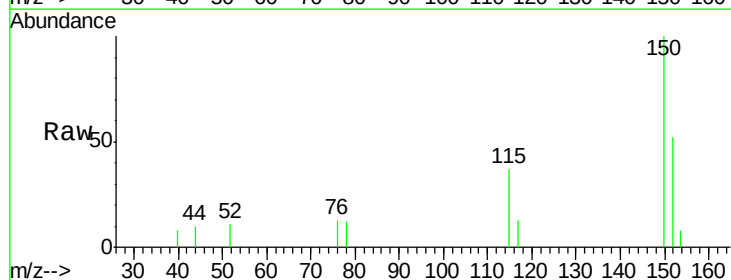


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V

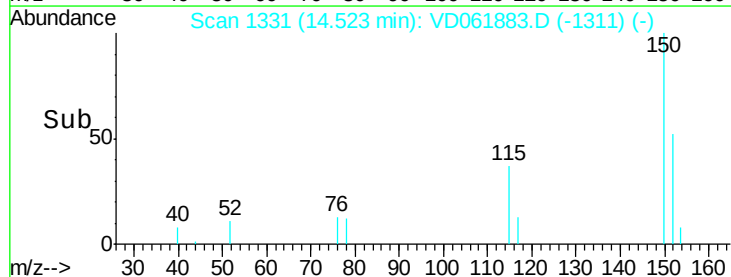
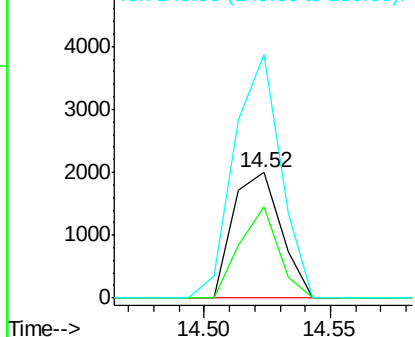


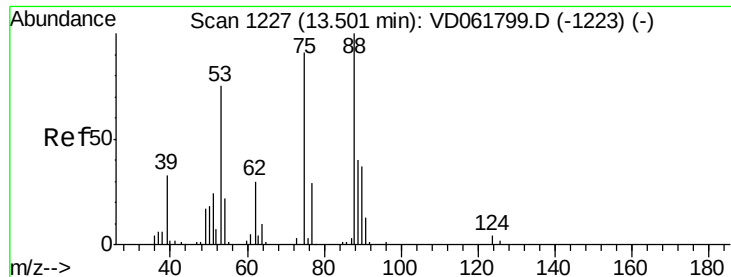
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: VD061883.D
 Acq: 18 Apr 2019 19:29

Tgt Ion:152 Resp: 2624
 Ion Ratio Lower Upper
 152 100
 115 72.2 30.9 92.7
 150 193.8 0.0 314.8



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





#81

trans-1,4-Dichloro-2-butene

Concen: 80.301 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD061883.D

Acq: 18 Apr 2019 19:29

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-038-BRE

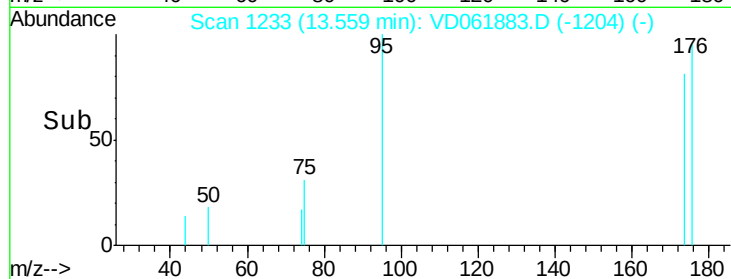
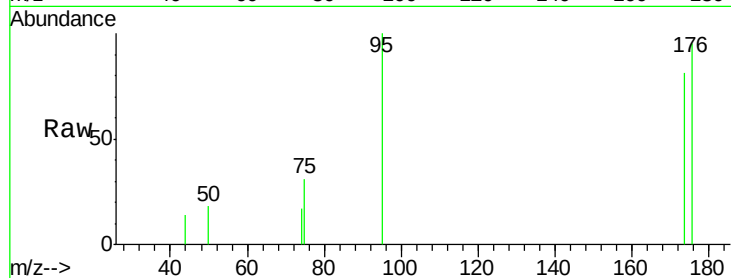
Tot Ion: 75 Resp: 921

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC

