

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062719\
 Data File : VD062937.D
 Acq On : 27 Jun 2019 17:49
 Operator : VA/AP
 Sample : K3531-04RE
 Misc : 6.97g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-043-BRE

Quant Time: Jun 28 04:53:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	501978	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.19	114	672451	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	318951	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.50	152	105049	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	370665	67.93	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	135.86%	
35) Dibromofluoromethane	6.90	113	340430	60.04	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	120.08%	
50) Toluene-d8	10.39	98	283439	22.97	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	45.94%	
62) 4-Bromofluorobenzene	13.54	95	174990	31.18	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	62.36%	

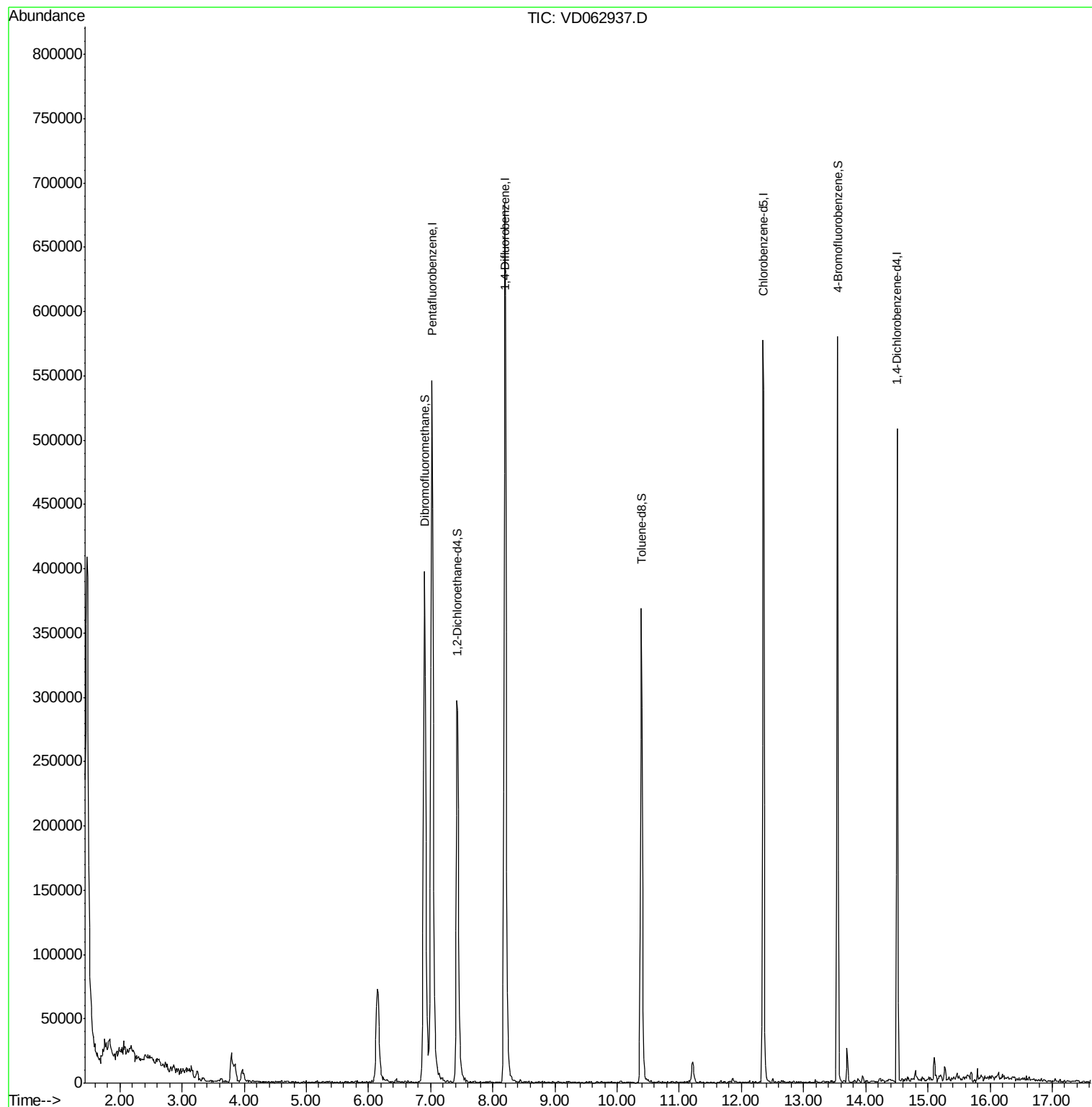
Target Compounds	Qvalue

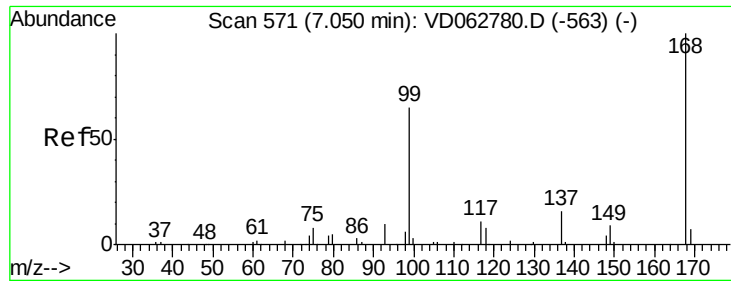
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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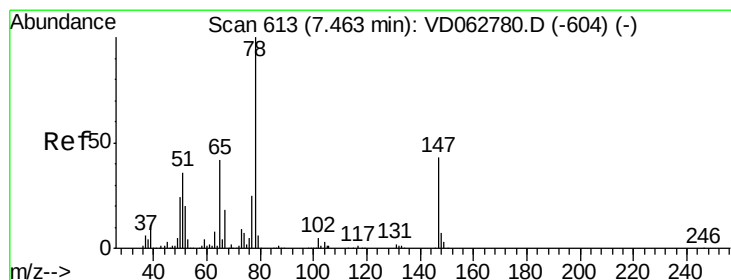
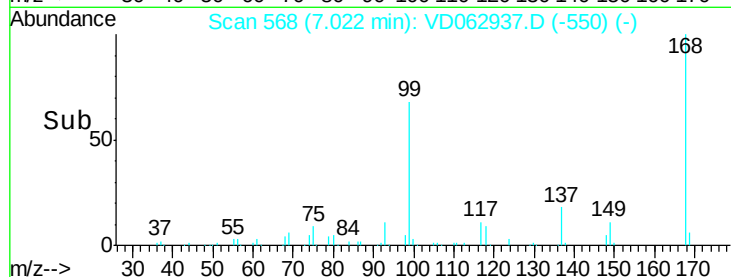
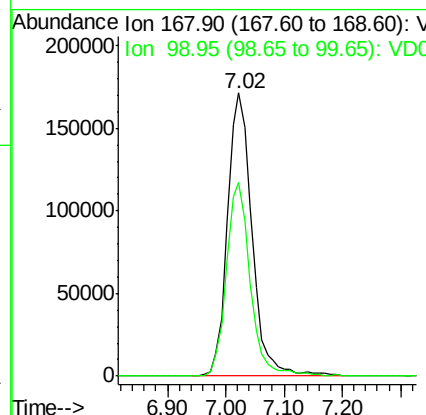
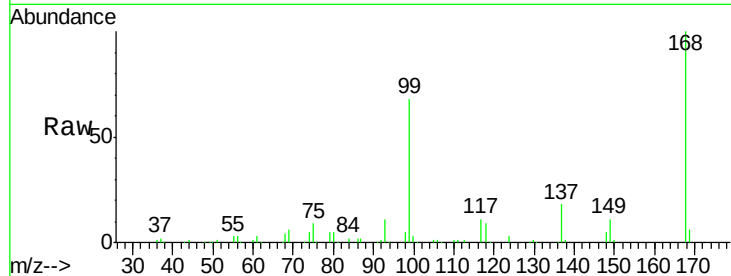




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.02 min Scan# 568
Delta R.T. -0.03 min
Lab File: VD062937.D
Acq: 27 Jun 2019 17:49

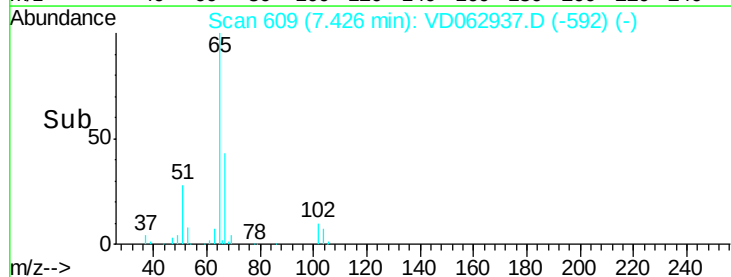
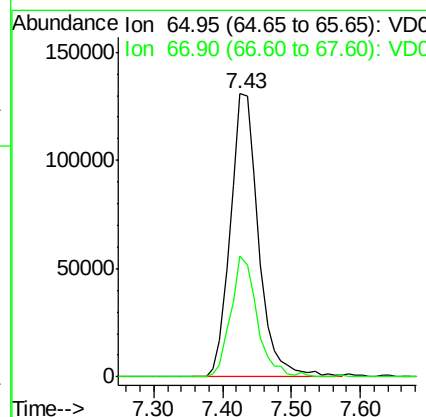
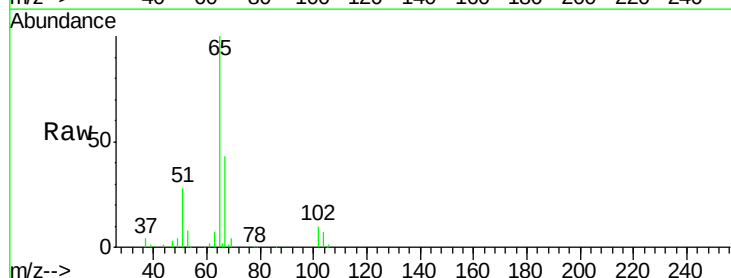
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-043-BRE

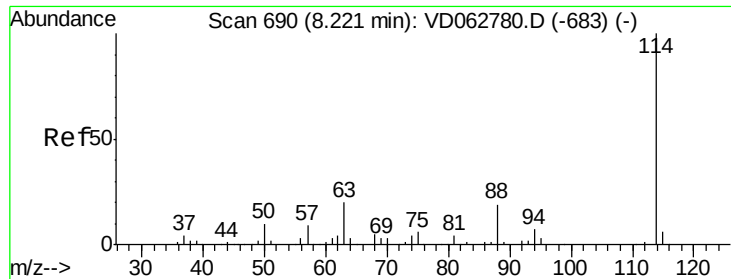
Tot Ion:168 Resp: 501978
Ion Ratio Lower Upper
168 100
99 68.4 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 67.932 ug/l
RT: 7.43 min Scan# 609
Delta R.T. -0.04 min
Lab File: VD062937.D
Acq: 27 Jun 2019 17:49

Tgt Ion: 65 Resp: 370665
Ion Ratio Lower Upper
65 100
67 42.8 0.0 87.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.19 min Scan# 687

Delta R.T. -0.03 min

Lab File: VD062937.D

Acq: 27 Jun 2019 17:49

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-043-BRE

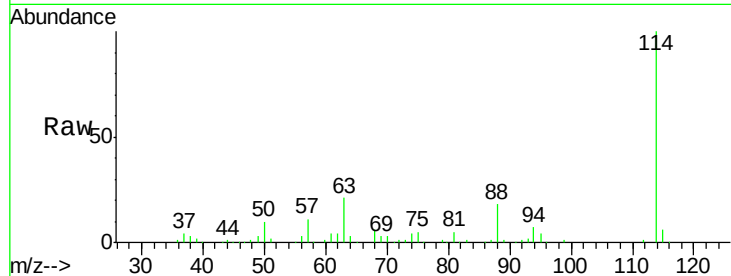
Tot Ion:114 Resp: 672451

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.0

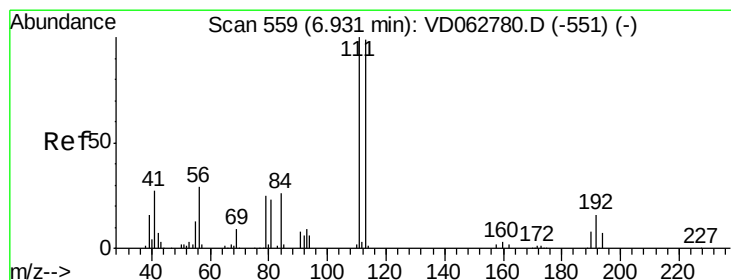
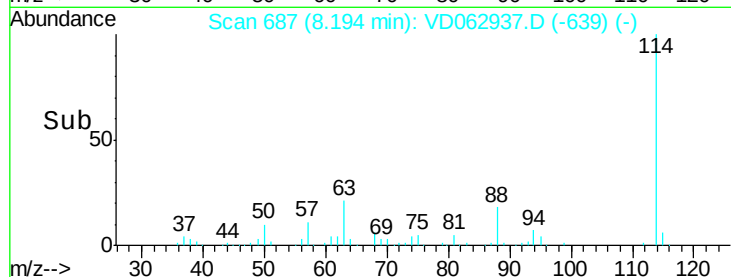
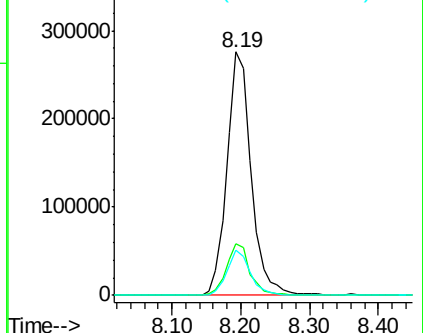
88 18.3 0.0 38.8



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: 60.040 ug/l

RT: 6.90 min Scan# 556

Delta R.T. -0.03 min

Lab File: VD062937.D

Acq: 27 Jun 2019 17:49

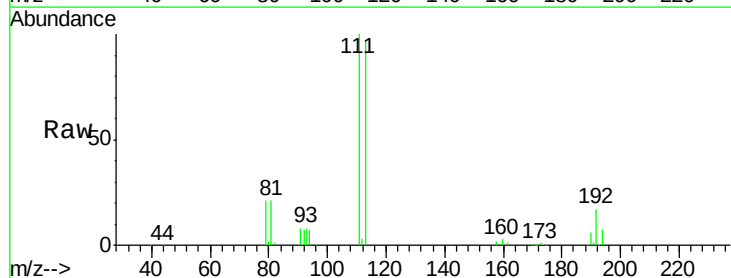
Tgt Ion:113 Resp: 340430

Ion Ratio Lower Upper

113 100

111 103.5 81.2 121.8

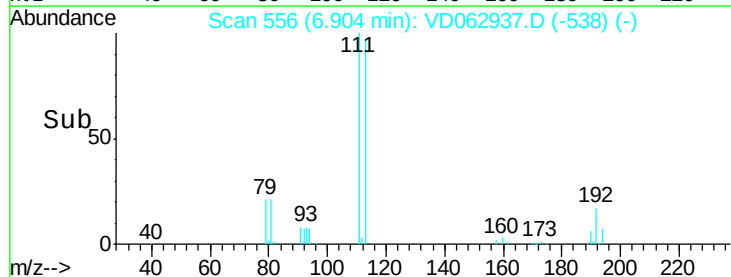
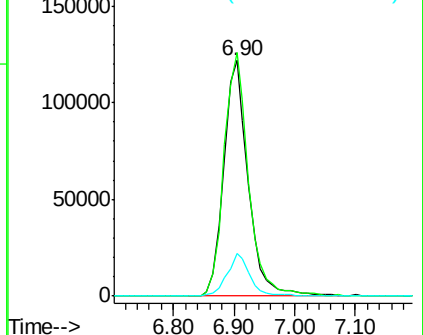
192 18.0 12.9 19.3

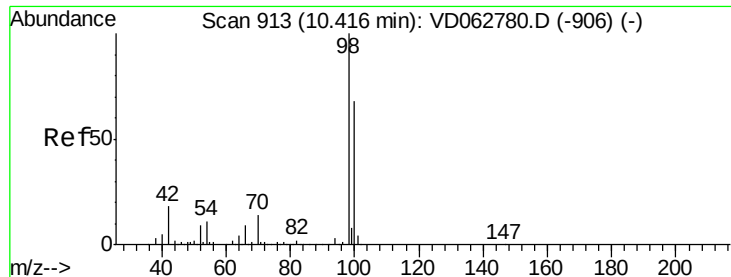


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

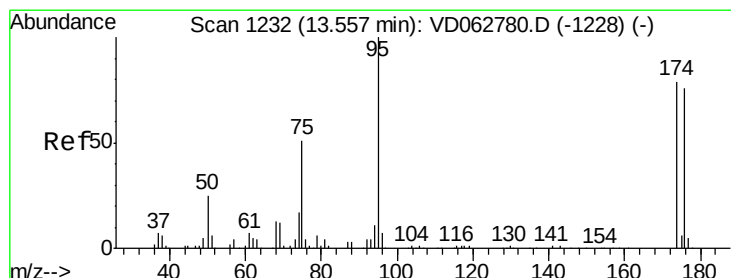
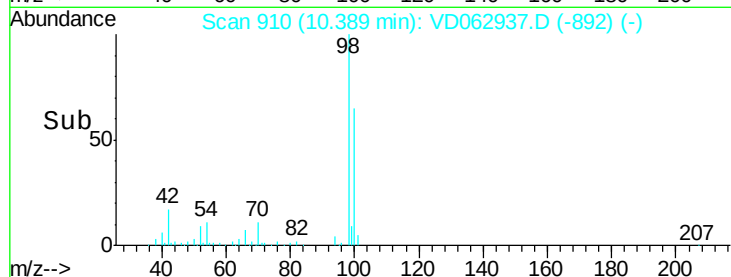
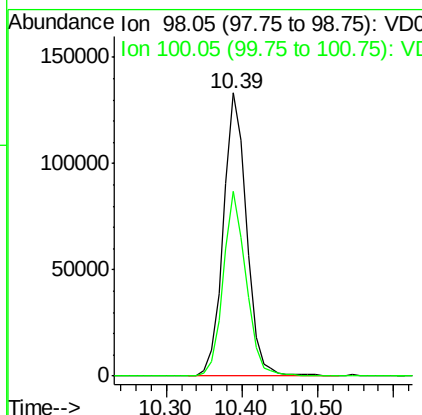
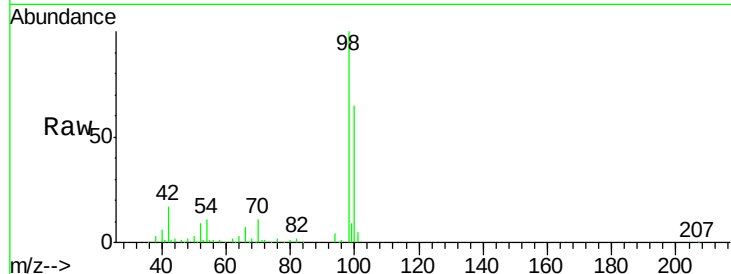




#50
Toluene-d8
Concen: 22.968 ug/l
RT: 10.39 min Scan# 910
Delta R.T. -0.03 min
Lab File: VD062937.D
Acq: 27 Jun 2019 17:49

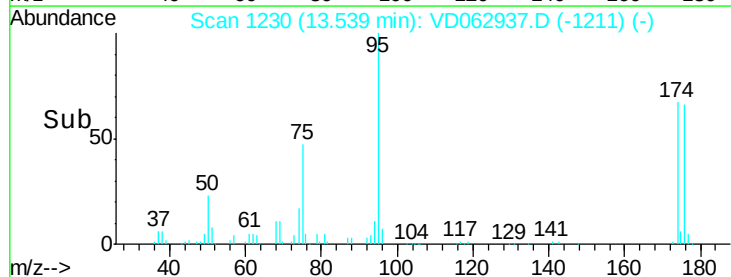
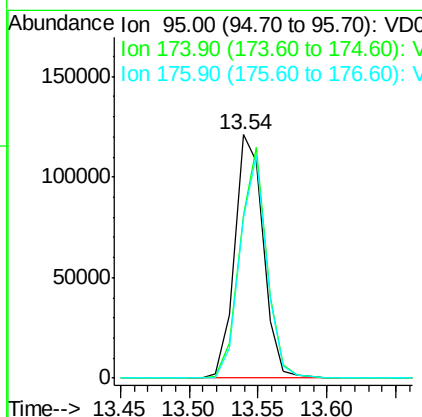
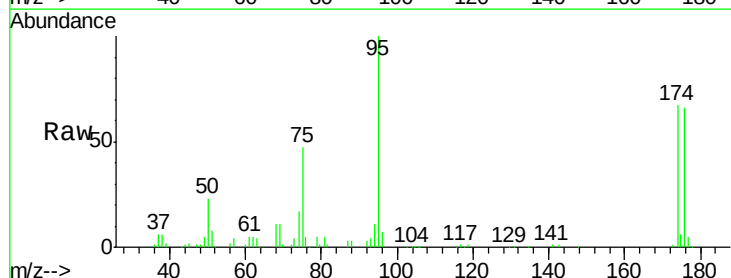
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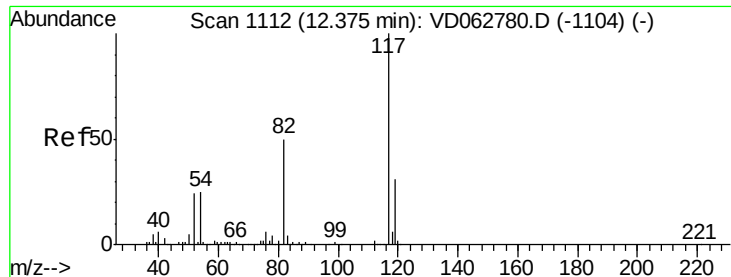
Tot Ion: 98 Resp: 283439
Ion Ratio Lower Upper
98 100
100 65.3 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 31.185 ug/l
RT: 13.54 min Scan# 1230
Delta R.T. -0.02 min
Lab File: VD062937.D
Acq: 27 Jun 2019 17:49

Tgt Ion: 95 Resp: 174990
Ion Ratio Lower Upper
95 100
174 66.8 0.0 158.0
176 66.0 0.0 151.6

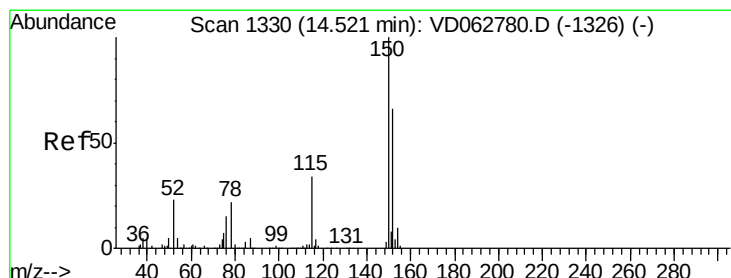
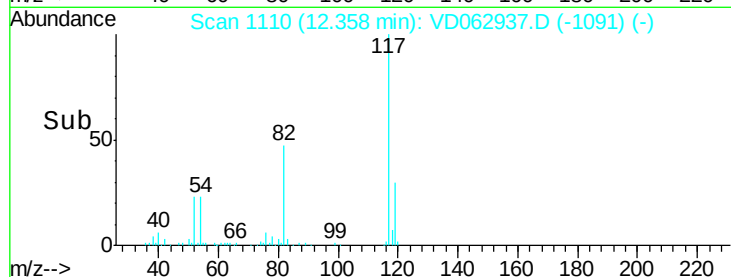
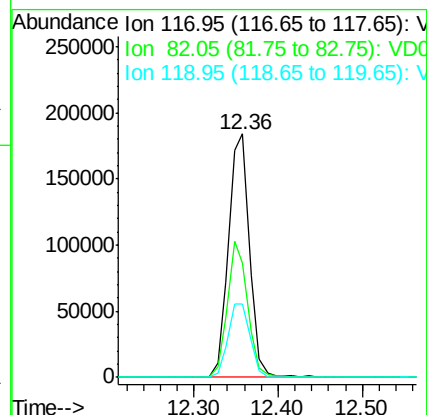
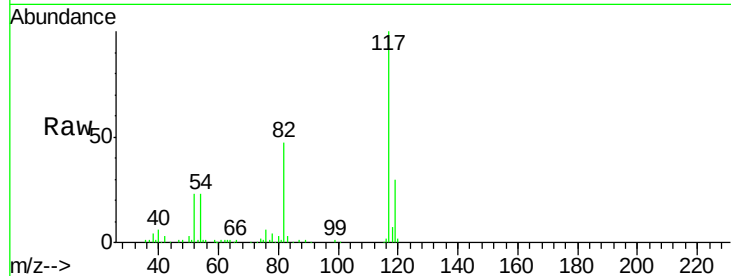




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD062937.D
Acq: 27 Jun 2019 17:49

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-043-BRE

Tot Ion:117 Resp: 318951
Ion Ratio Lower Upper
117 100
82 47.0 40.4 60.6
119 30.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.50 min Scan# 1328
Delta R.T. -0.02 min
Lab File: VD062937.D
Acq: 27 Jun 2019 17:49

Tgt Ion:152 Resp: 105049
Ion Ratio Lower Upper
152 100
115 68.3 29.2 87.6
150 154.4 0.0 305.8

