

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062719\
 Data File : VD062934.D
 Acq On : 27 Jun 2019 16:27
 Operator : VA/AP
 Sample : K3530-02RE
 Misc : 6.66g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-044-ARE

Quant Time: Jun 28 04:48:48 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	572899	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.19	114	792277	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	431676	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.50	152	125429	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	386119	62.00	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	124.00%	
35) Dibromofluoromethane	6.89	113	358078	53.60	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	107.20%	
50) Toluene-d8	10.39	98	491601	33.81	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	67.62%	
62) 4-Bromofluorobenzene	13.54	95	190684	28.84	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	57.68%	

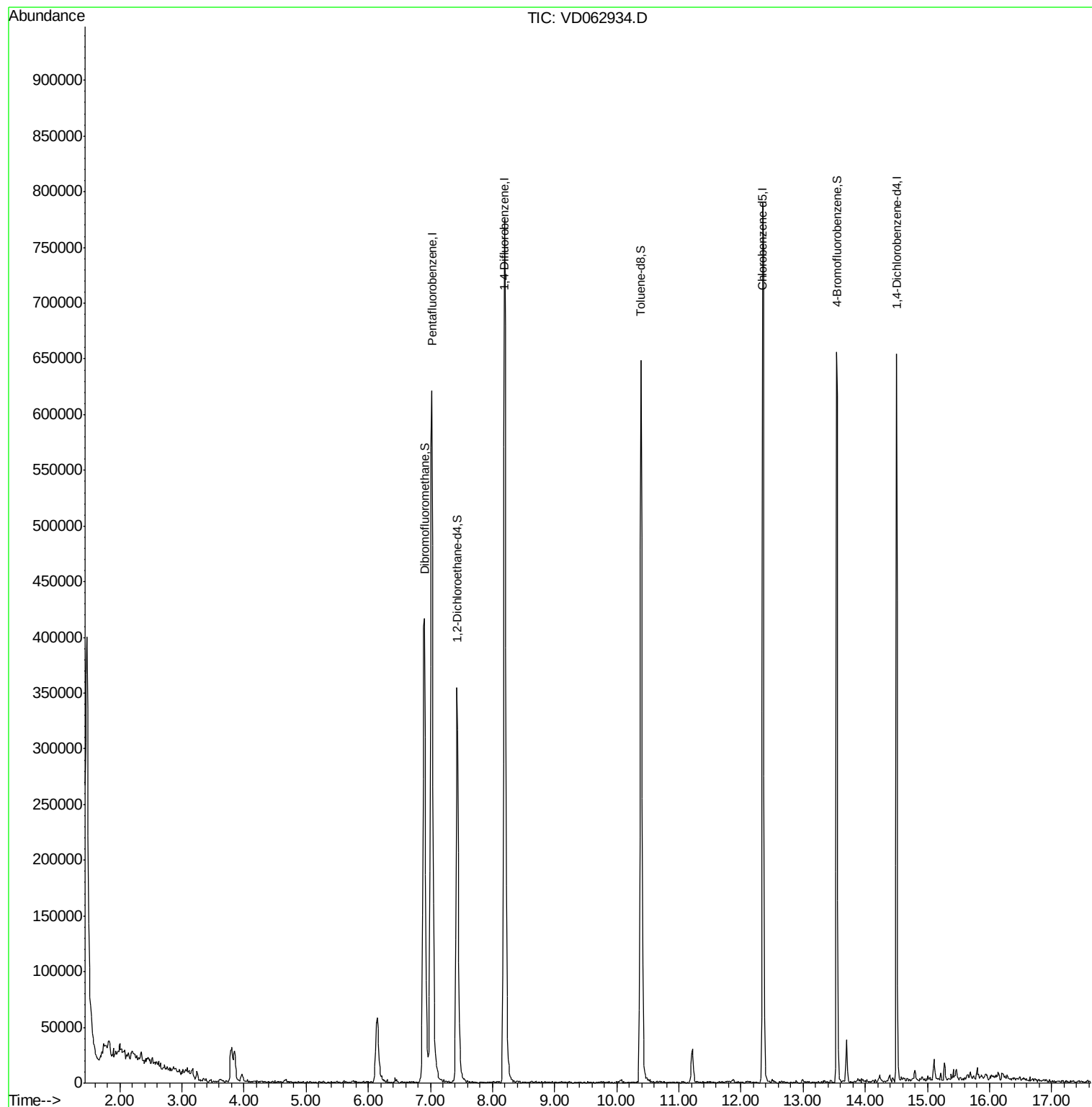
Target Compounds	Qvalue

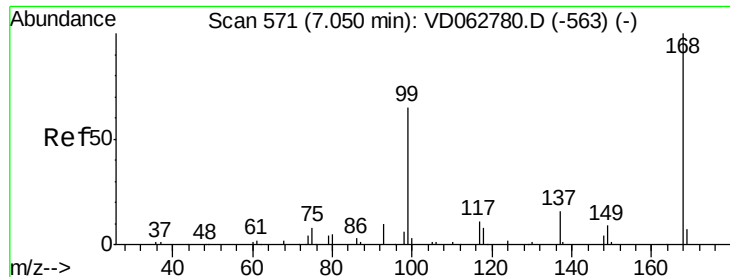
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.03 min

Lab File: VD062934.D

Acq: 27 Jun 2019 16:27

Instrument :

MSVOA_D

ClientSampleId :

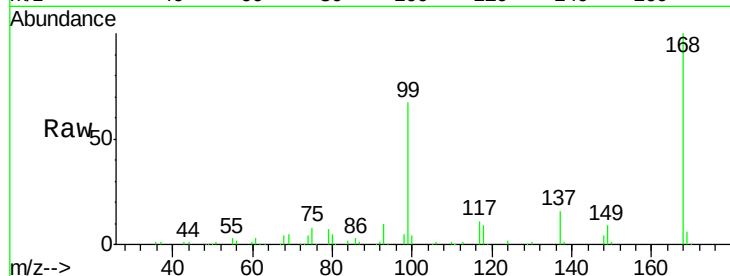
FK-GF-02-044-ARE

Tot Ion:168 Resp: 572899

Ion Ratio Lower Upper

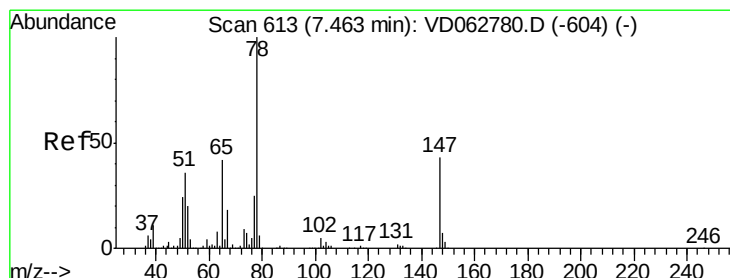
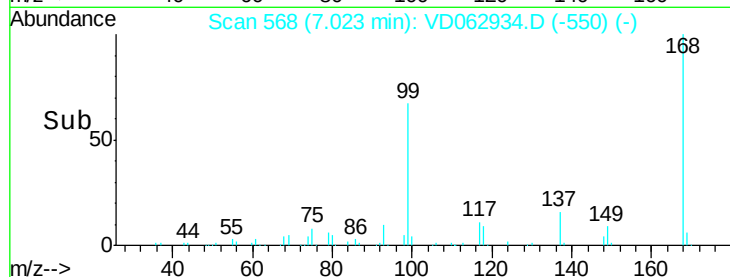
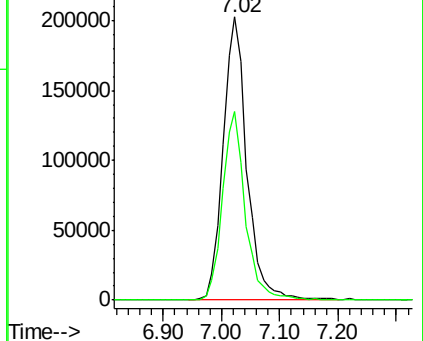
168 100

99 66.6 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 62.004 ug/l

RT: 7.43 min Scan# 609

Delta R.T. -0.04 min

Lab File: VD062934.D

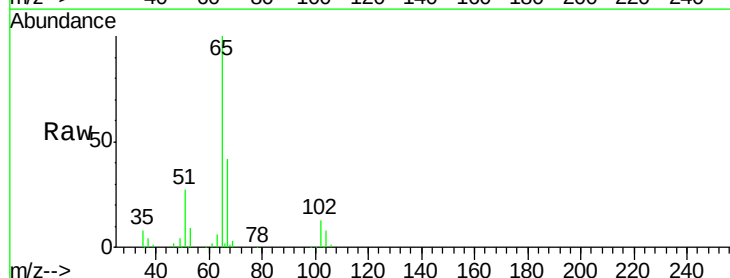
Acq: 27 Jun 2019 16:27

Tgt Ion: 65 Resp: 386119

Ion Ratio Lower Upper

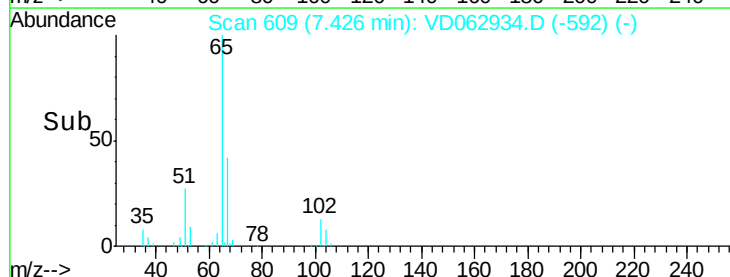
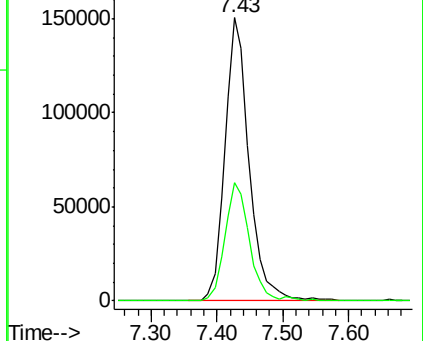
65 100

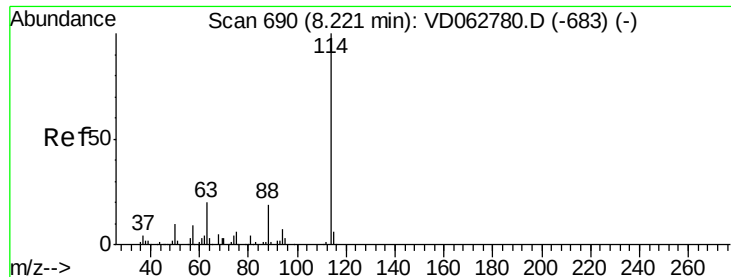
67 41.6 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.19 min Scan# 687

Delta R.T. -0.03 min

Lab File: VD062934.D

Acq: 27 Jun 2019 16:27

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-044-ARE

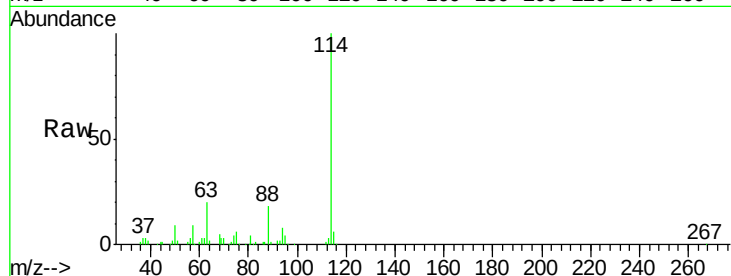
Tot Ion:114 Resp: 792277

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.0

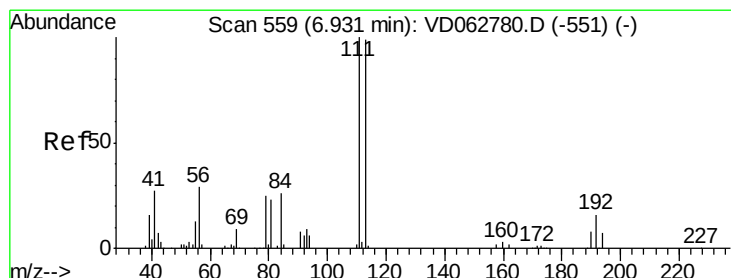
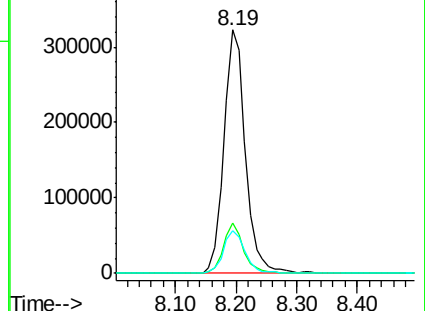
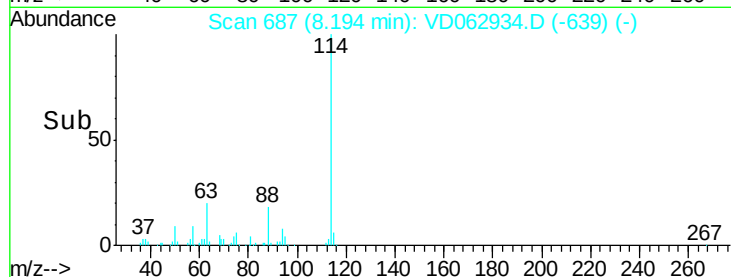
88 17.7 0.0 38.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 53.601 ug/l

RT: 6.89 min Scan# 555

Delta R.T. -0.04 min

Lab File: VD062934.D

Acq: 27 Jun 2019 16:27

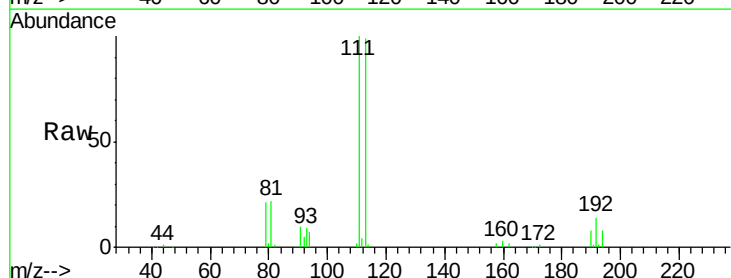
Tgt Ion:113 Resp: 358078

Ion Ratio Lower Upper

113 100

111 101.1 81.2 121.8

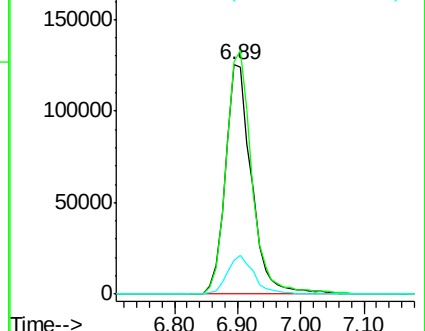
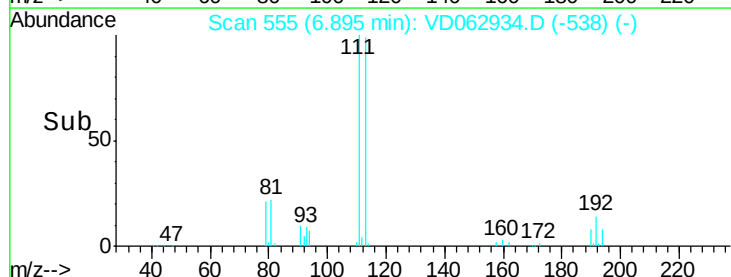
192 14.6 12.9 19.3

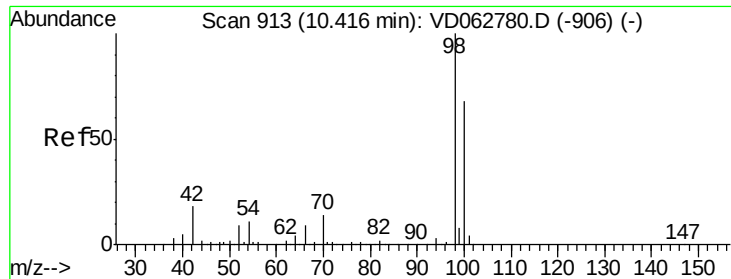


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

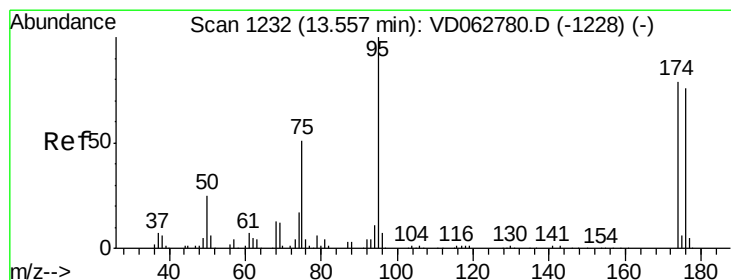
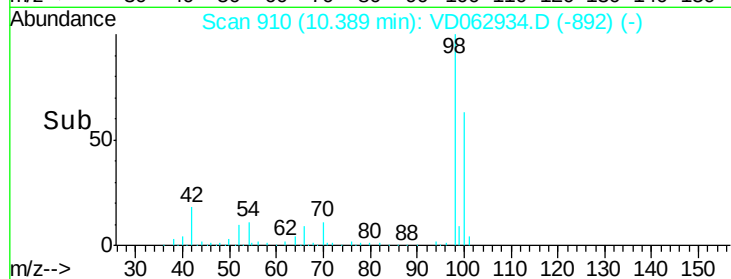
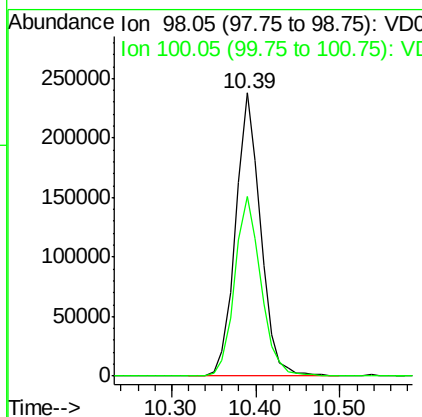
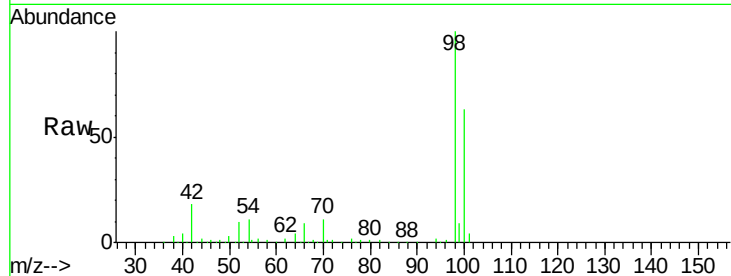




#50
Toluene-d8
Concen: 33.811 ug/l
RT: 10.39 min Scan# 910
Delta R.T. -0.03 min
Lab File: VD062934.D
Acq: 27 Jun 2019 16:27

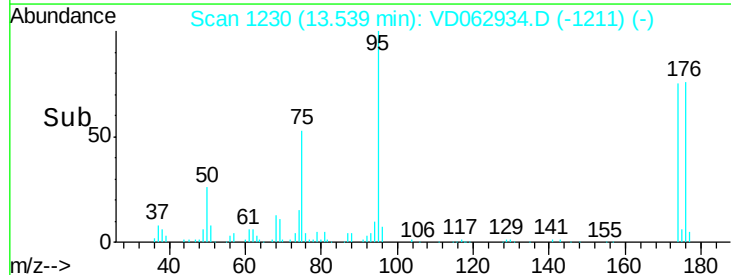
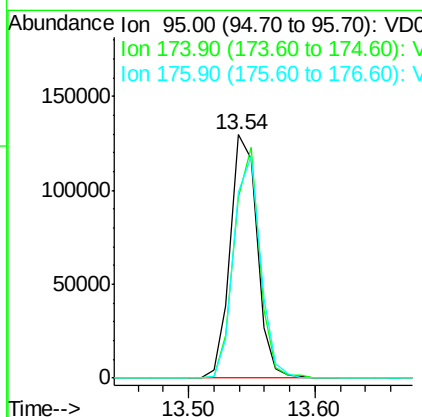
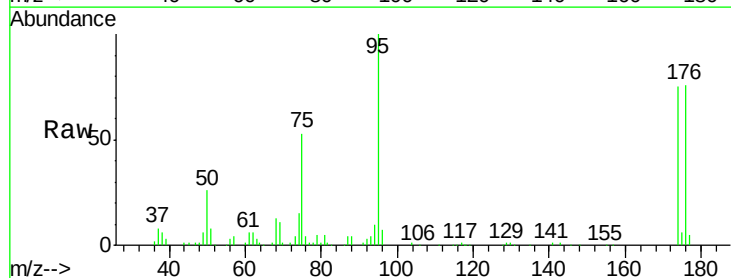
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-044-ARE

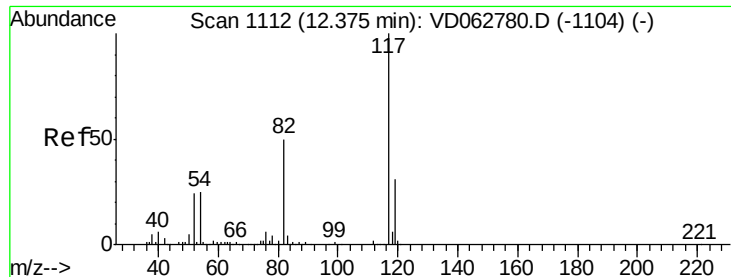
Tot Ion: 98 Resp: 491601
Ion Ratio Lower Upper
98 100
100 63.5 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 28.842 ug/l
RT: 13.54 min Scan# 1230
Delta R.T. -0.02 min
Lab File: VD062934.D
Acq: 27 Jun 2019 16:27

Tgt Ion: 95 Resp: 190684
Ion Ratio Lower Upper
95 100
174 74.5 0.0 158.0
176 76.5 0.0 151.6

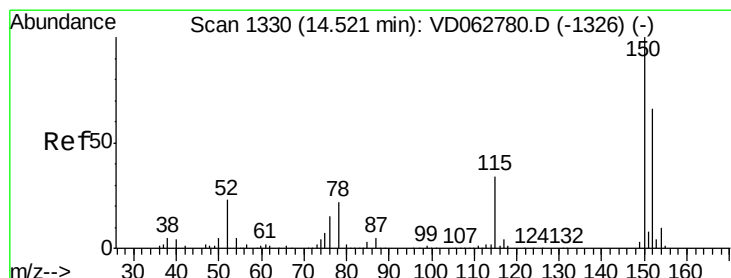
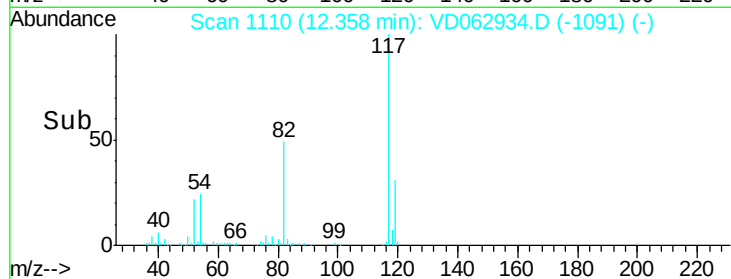
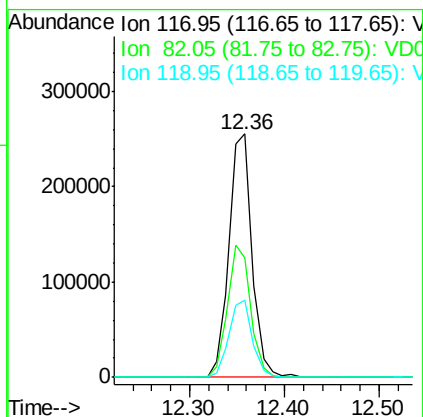
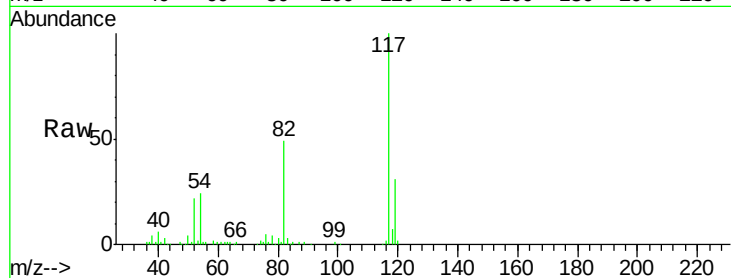




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD062934.D
Acq: 27 Jun 2019 16:27

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-044-ARE

Tot Ion:117 Resp: 431676
Ion Ratio Lower Upper
117 100
82 48.8 40.4 60.6
119 31.5 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: VD062934.D
Acq: 27 Jun 2019 16:27

Tgt Ion:152 Resp: 125429
Ion Ratio Lower Upper
152 100
115 62.5 29.2 87.6
150 175.9 0.0 305.8

