

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062719\
 Data File : VD062936.D
 Acq On : 27 Jun 2019 17:22
 Operator : VA/AP
 Sample : K3531-02RE
 Misc : 6.94g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jun 28 04:52:14 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	604888	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.20	114	811026	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.35	117	395918	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	133478	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.43	65	380000	57.79	ug/l	-0.03
Spiked Amount			Recovery	=	115.58%	
35) Dibromofluoromethane	6.90	113	373428	54.61	ug/l	-0.03
Spiked Amount			Recovery	=	109.22%	
50) Toluene-d8	10.39	98	351315	23.60	ug/l	-0.02
Spiked Amount			Recovery	=	47.20%	
62) 4-Bromofluorobenzene	13.54	95	206651	30.53	ug/l	-0.01
Spiked Amount			Recovery	=	61.06%	

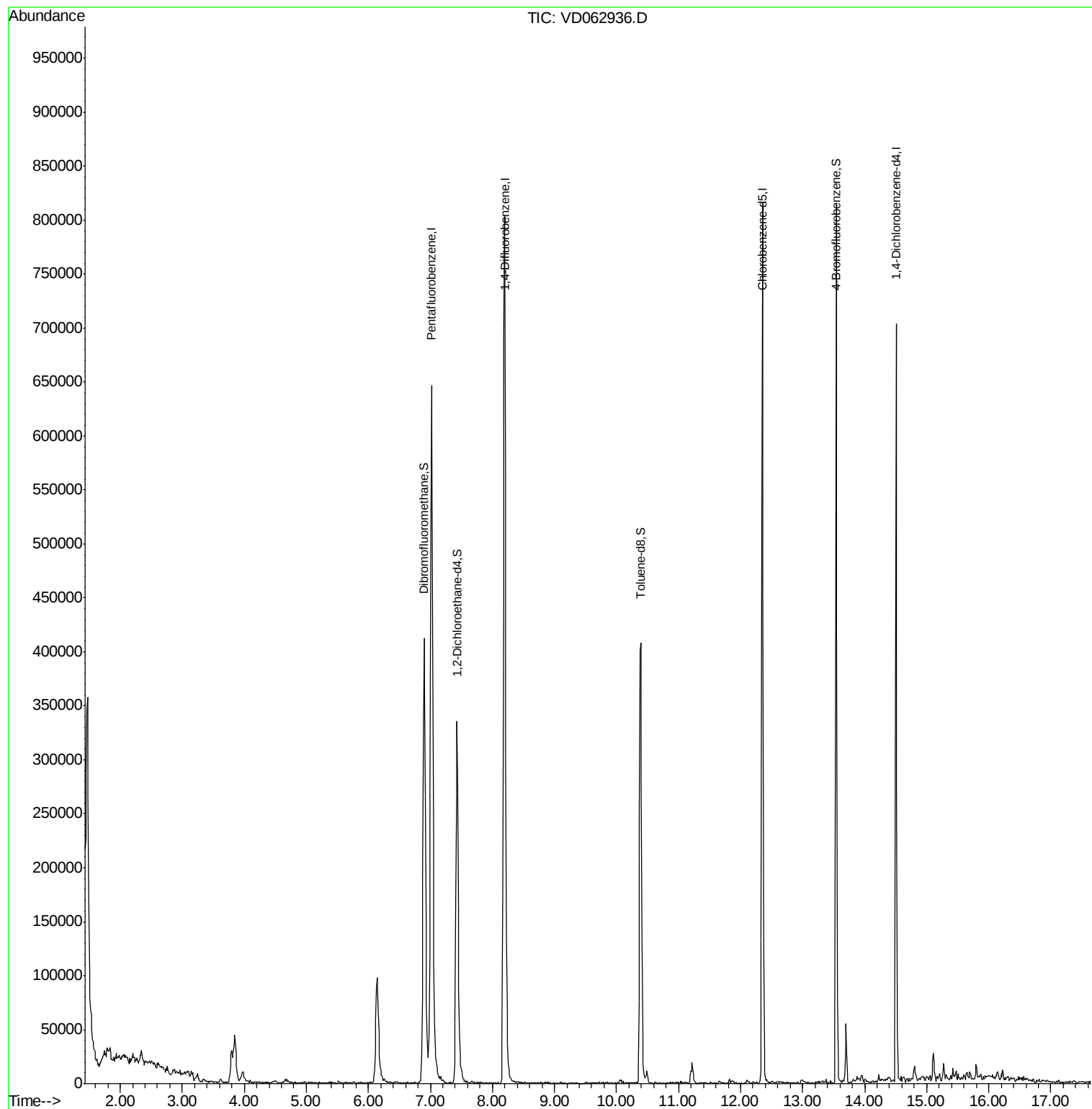
Target Compounds	Qvalue
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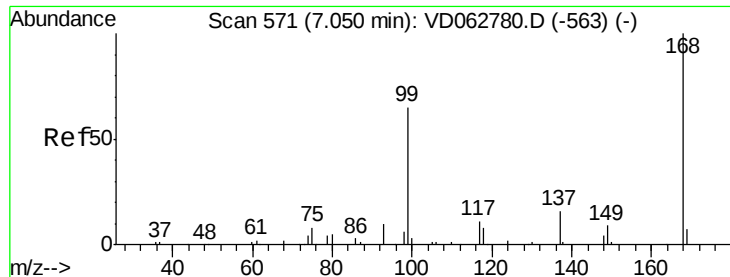
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD062936.D

Acq: 27 Jun 2019 17:22

Instrument :

MSVOA_D

ClientSampleId :

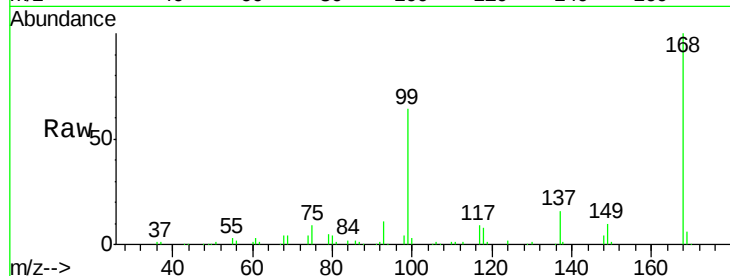
FK-GF-02-043-ARE

Tot Ion:168 Resp: 604888

Ion Ratio Lower Upper

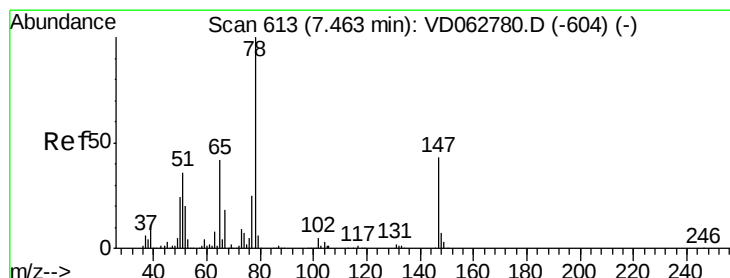
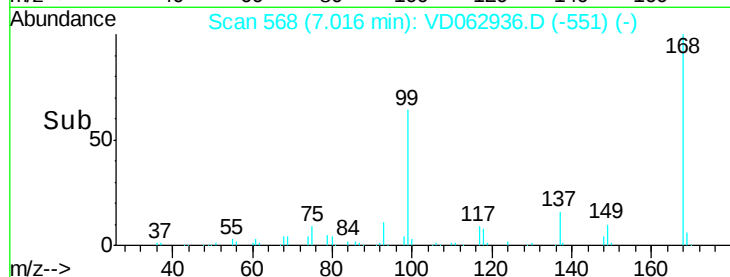
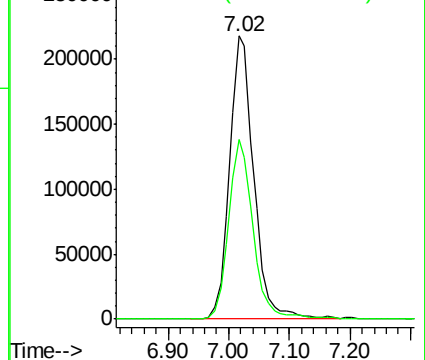
168 100

99 63.6 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: 57.794 ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.03 min

Lab File: VD062936.D

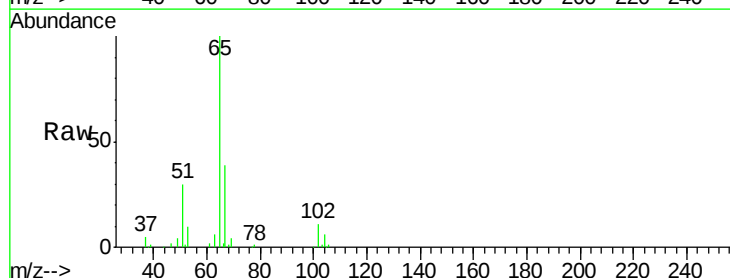
Acq: 27 Jun 2019 17:22

Tgt Ion: 65 Resp: 380000

Ion Ratio Lower Upper

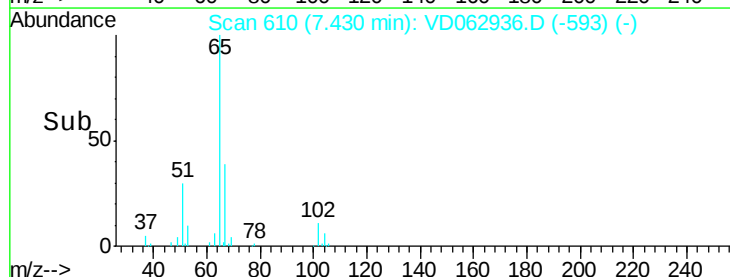
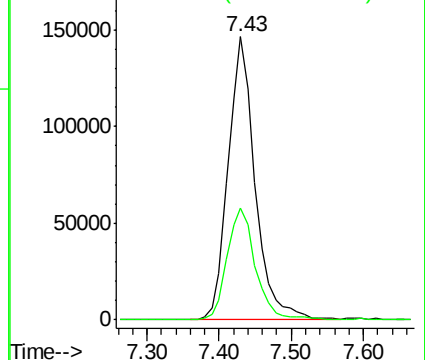
65 100

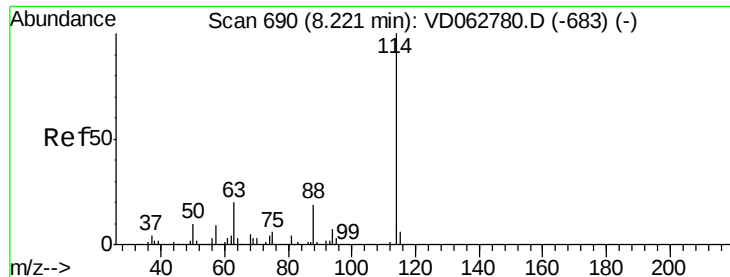
67 39.4 0.0 87.4



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: 8.20 min Scan# 688

Delta R.T. -0.02 min

Lab File: VD062936.D

Acq: 27 Jun 2019 17:22

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-043-ARE

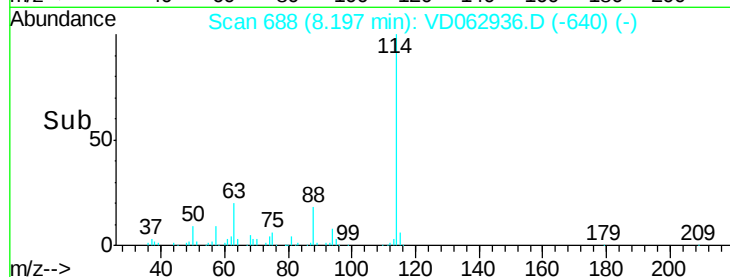
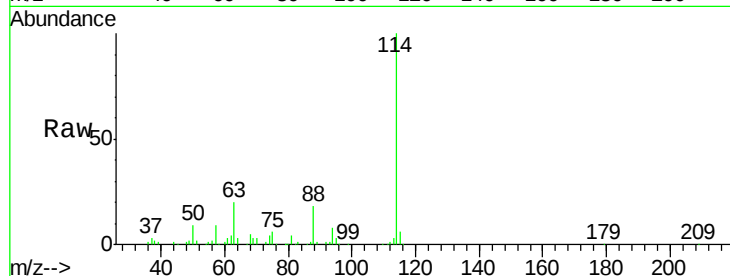
Tot Ion:114 Resp: 811026

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.0

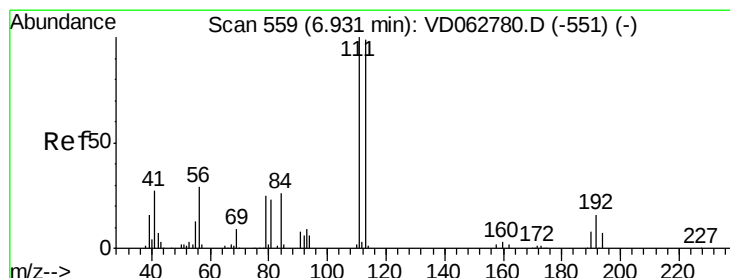
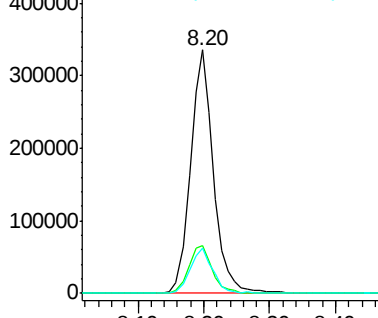
88 18.4 0.0 38.8



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: 54.606 ug/l

RT: 6.90 min Scan# 556

Delta R.T. -0.03 min

Lab File: VD062936.D

Acq: 27 Jun 2019 17:22

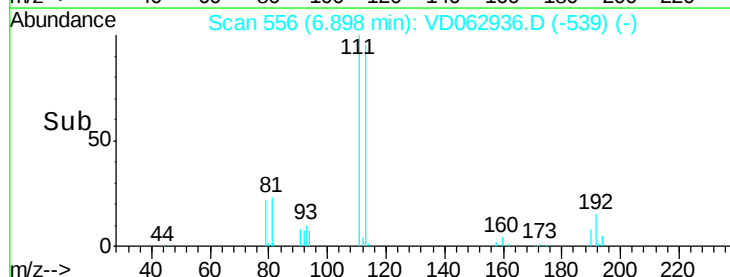
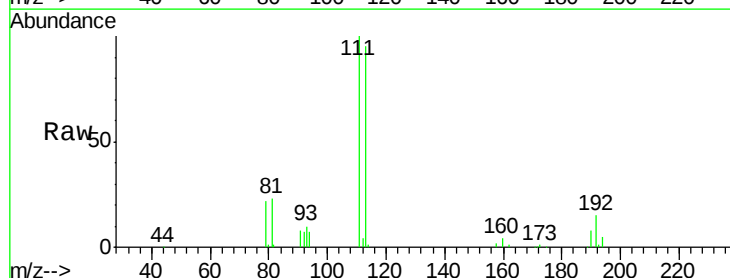
Tgt Ion:113 Resp: 373428

Ion Ratio Lower Upper

113 100

111 105.8 81.2 121.8

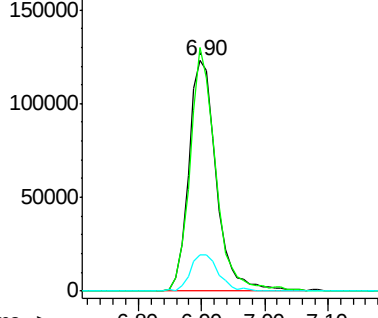
192 15.7 12.9 19.3

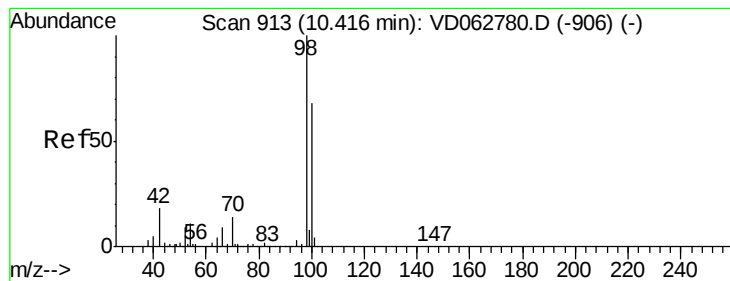


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 23.604 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.02 min

Lab File: VD062936.D

Acq: 27 Jun 2019 17:22

Instrument :

MSVOA_D

ClientSampleId :

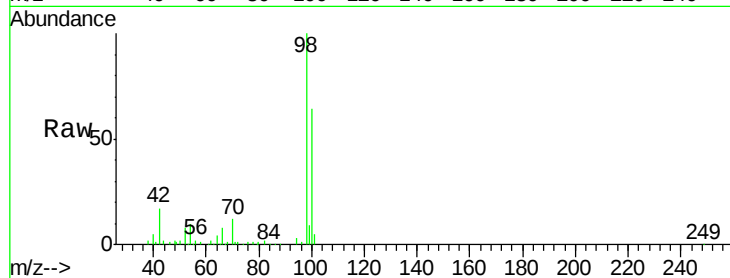
FK-GF-02-043-ARE

Tot Ion: 98 Resp: 351315

Ion Ratio Lower Upper

98 100

100 64.5 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): VD062780.D (-906) (-)

Ion 100.05 (99.75 to 100.75): VD062780.D (-906) (-)

10.39

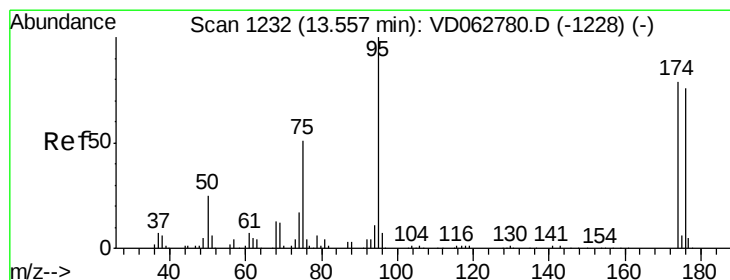
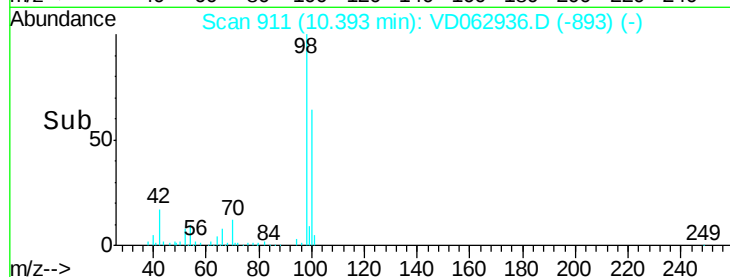
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 30.535 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD062936.D

Acq: 27 Jun 2019 17:22

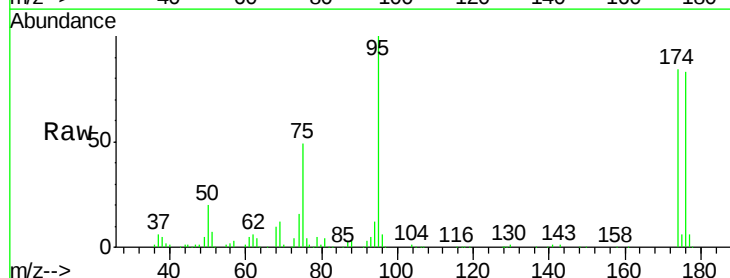
Tgt Ion: 95 Resp: 206651

Ion Ratio Lower Upper

95 100

174 84.3 0.0 158.0

176 83.0 0.0 151.6



Abundance Ion 95.00 (94.70 to 95.70): VD062780.D (-1228) (-)

Ion 173.90 (173.60 to 174.60): VD062780.D (-1228) (-)

Ion 175.90 (175.60 to 176.60): VD062780.D (-1228) (-)

13.54

200000

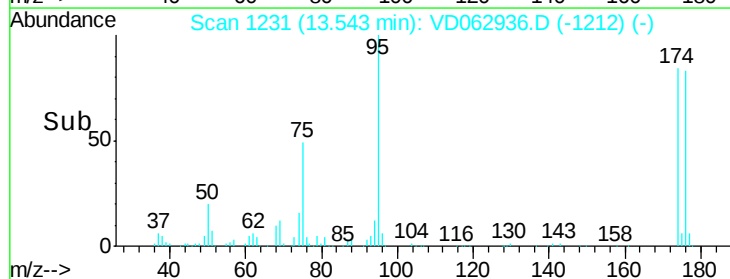
150000

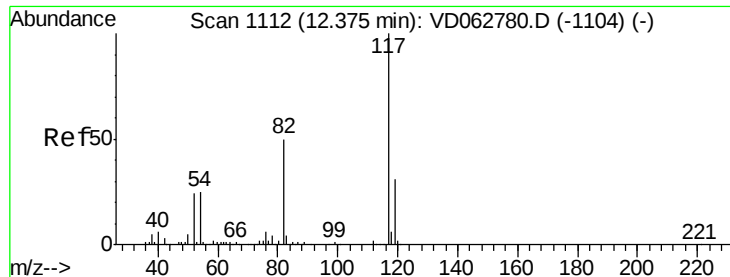
100000

50000

0

Time-->

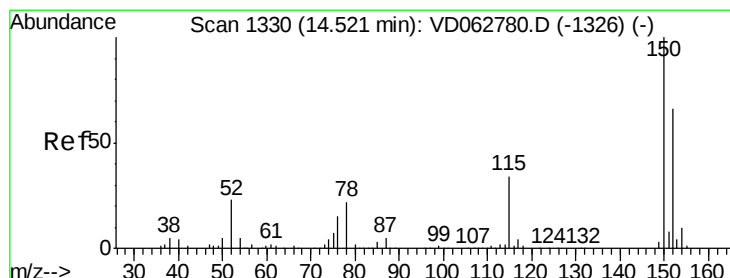
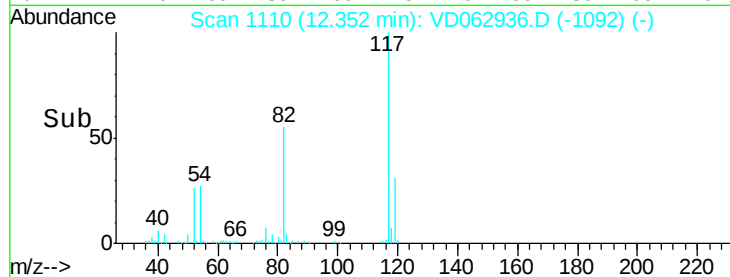
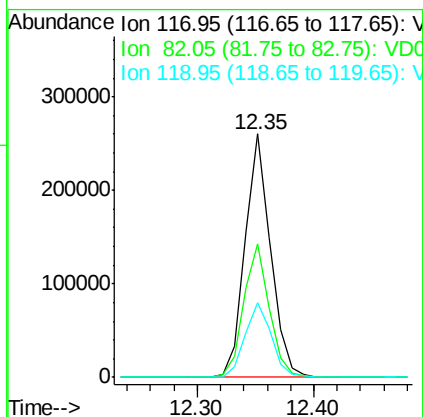
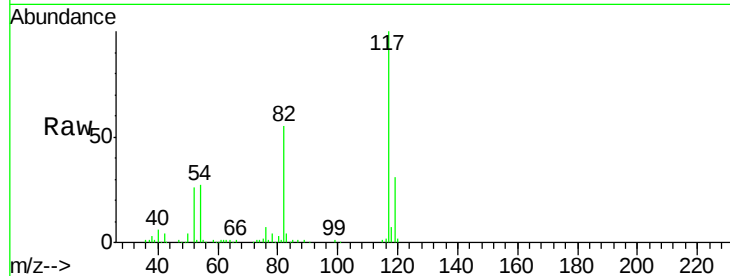




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD062936.D
Acq: 27 Jun 2019 17:22

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

Tot Ion:117 Resp: 395918
Ion Ratio Lower Upper
117 100
82 55.1 40.4 60.6
119 30.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD062936.D
Acq: 27 Jun 2019 17:22

Tgt Ion:152 Resp: 133478
Ion Ratio Lower Upper
152 100
115 63.9 29.2 87.6
150 183.4 0.0 305.8

