

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062719\
 Data File : VD062935.D
 Acq On : 27 Jun 2019 16:55
 Operator : VA/AP
 Sample : K3530-04RE
 Misc : 6.52g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Jun 28 04:50:41 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	614196	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.19	114	828371	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	489715	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.50	152	167746	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	357975	53.62	ug/l	-0.03
Spiked Amount			Recovery	=	107.24%	
35) Dibromofluoromethane	6.90	113	395564	56.63	ug/l	-0.03
Spiked Amount			Recovery	=	113.26%	
50) Toluene-d8	10.39	98	505503	33.25	ug/l	-0.03
Spiked Amount			Recovery	=	66.50%	
62) 4-Bromofluorobenzene	13.54	95	225418	32.61	ug/l	-0.02
Spiked Amount			Recovery	=	65.22%	

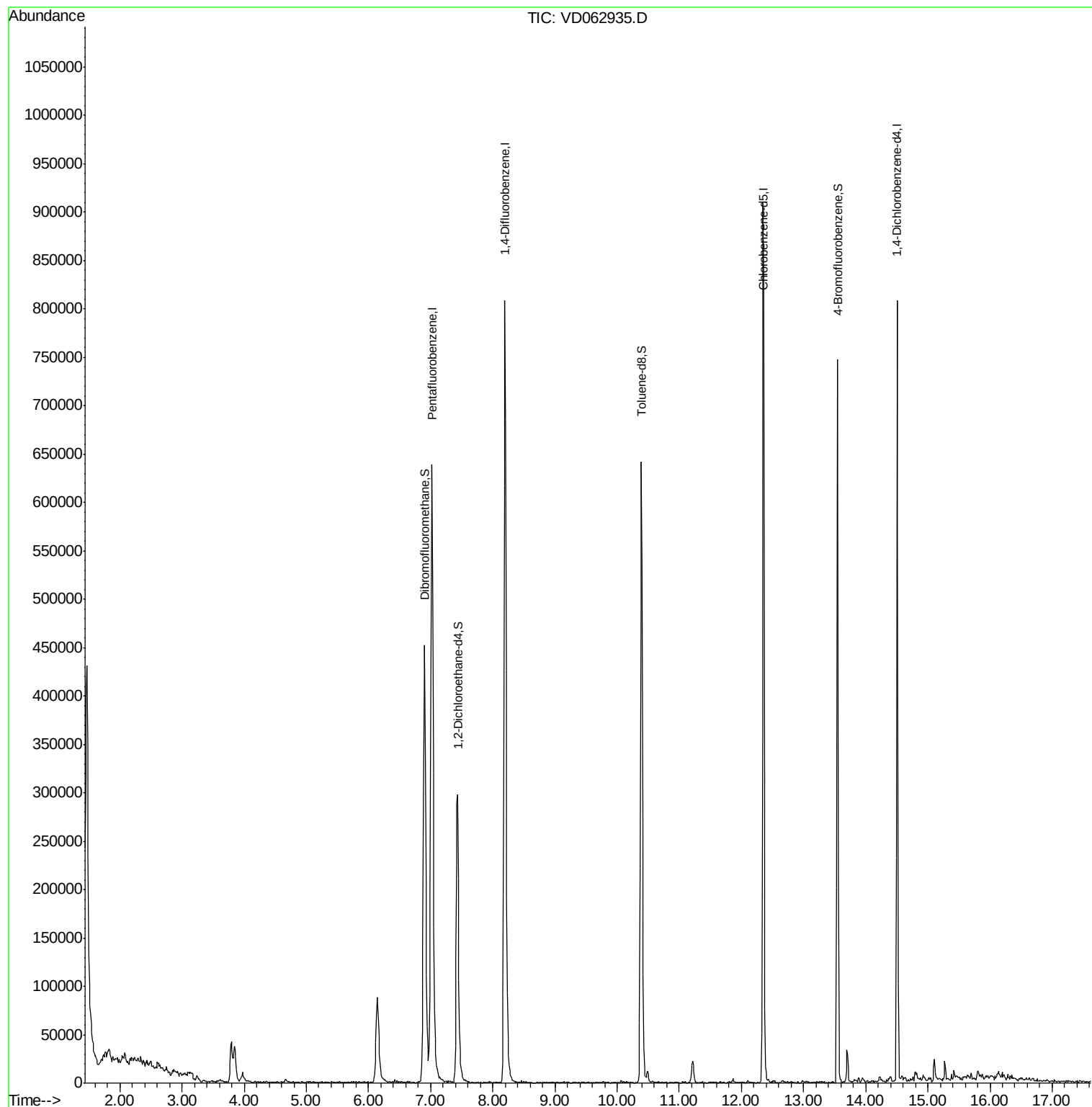
Target Compounds	Qvalue
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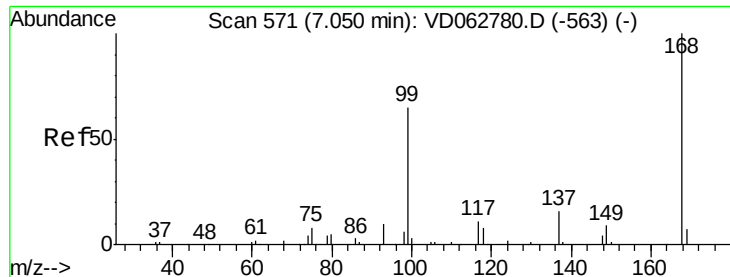
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062719\
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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: VD062935.D

Acq: 27 Jun 2019 16:55

Instrument :

MSVOA_D

ClientSampleId :

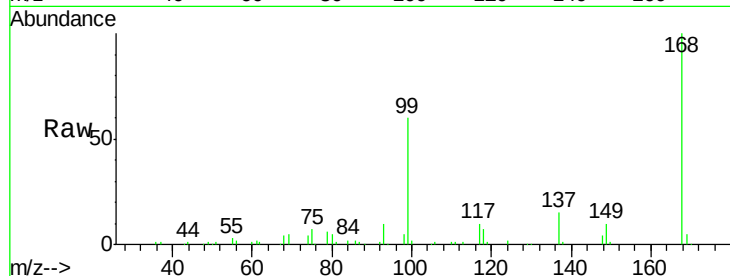
FK-GF-02-044-BRE

Tot Ion:168 Resp: 614196

Ion Ratio Lower Upper

168 100

99 60.2 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.02

250000

200000

150000

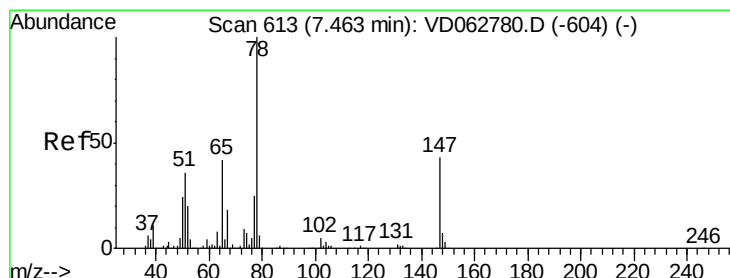
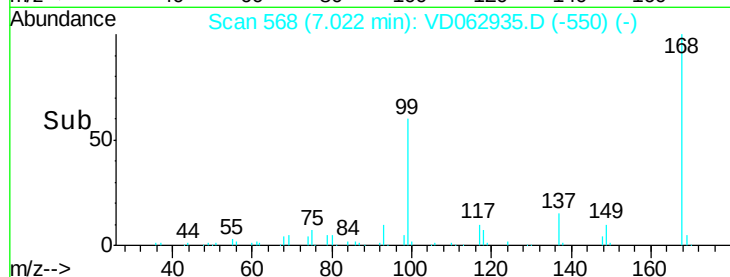
100000

50000

0

6.90 7.00 7.10 7.20 7.30

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.619 ug/l

RT: 7.44 min Scan# 610

Delta R.T. -0.03 min

Lab File: VD062935.D

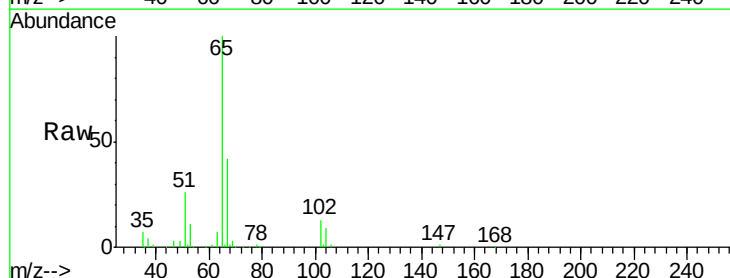
Acq: 27 Jun 2019 16:55

Tgt Ion: 65 Resp: 357975

Ion Ratio Lower Upper

65 100

67 42.1 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.44

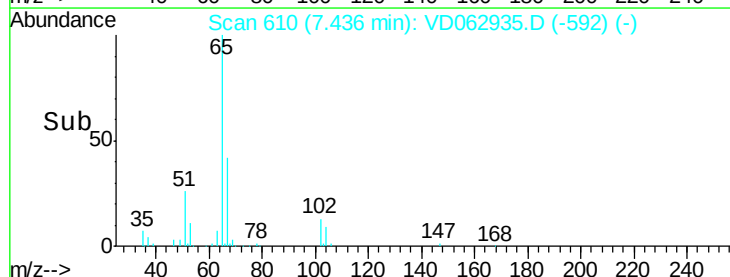
100000

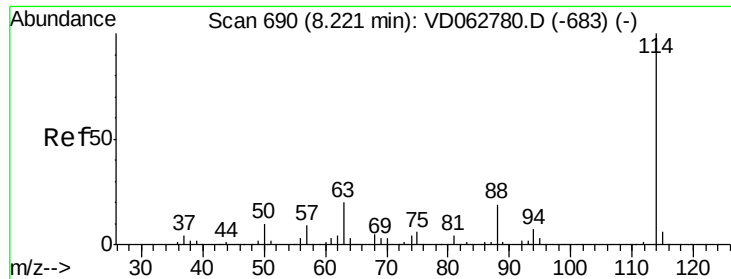
50000

0

7.30 7.40 7.50 7.60

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.19 min Scan# 687

Delta R.T. -0.03 min

Lab File: VD062935.D

Acq: 27 Jun 2019 16:55

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-044-BRE

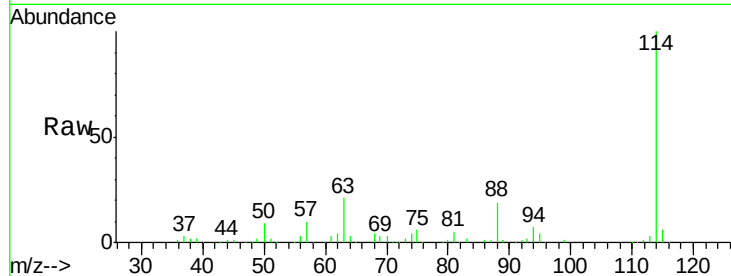
Tot Ion:114 Resp: 828371

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.0

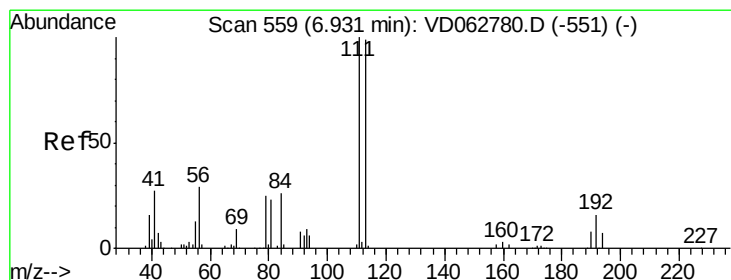
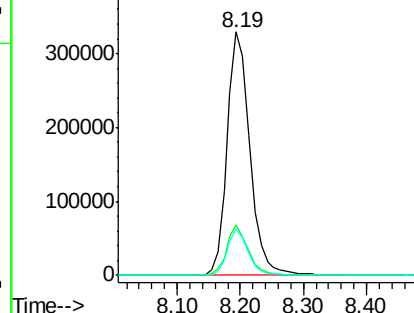
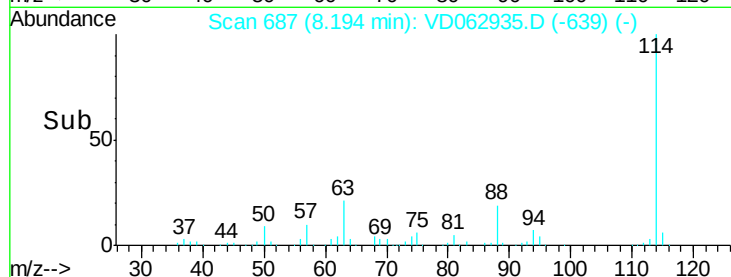
88 18.9 0.0 38.8



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: 56.632 ug/l

RT: 6.90 min Scan# 556

Delta R.T. -0.03 min

Lab File: VD062935.D

Acq: 27 Jun 2019 16:55

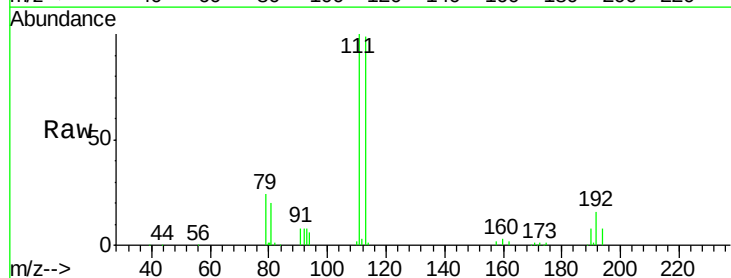
Tgt Ion:113 Resp: 395564

Ion Ratio Lower Upper

113 100

111 101.3 81.2 121.8

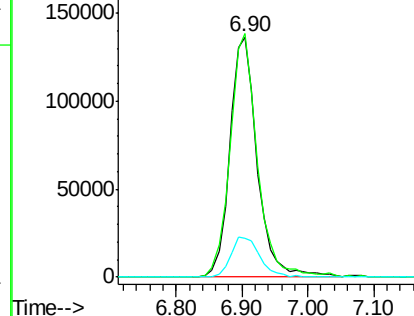
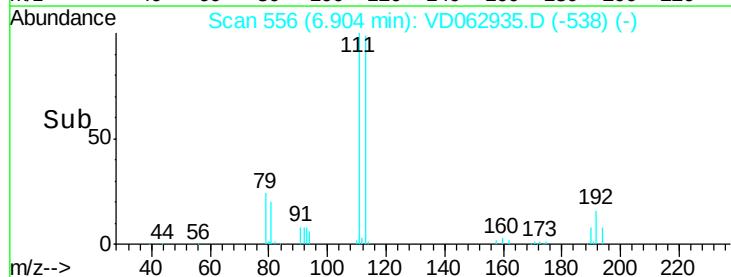
192 16.1 12.9 19.3

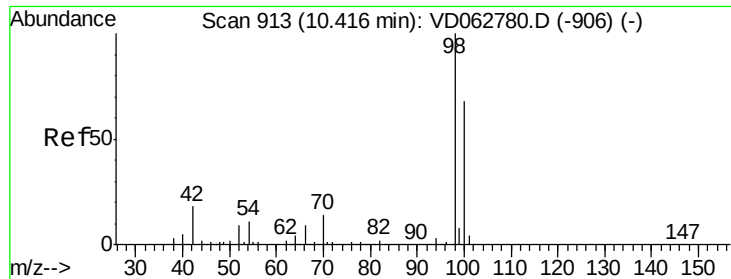


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

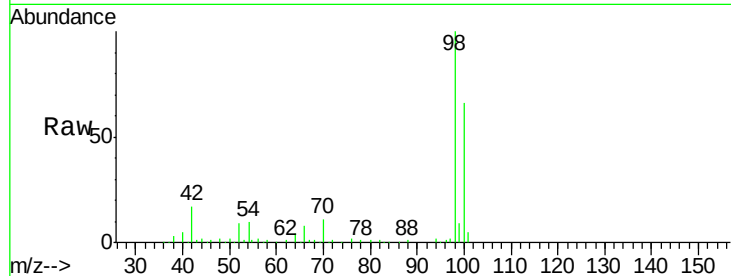




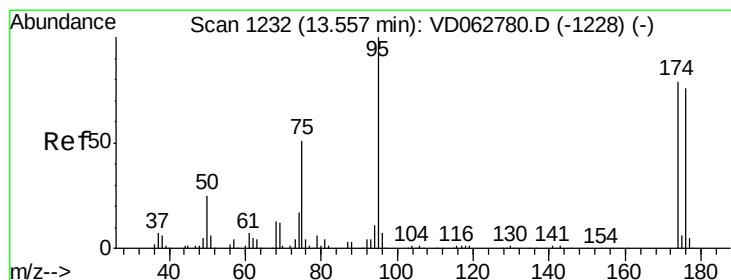
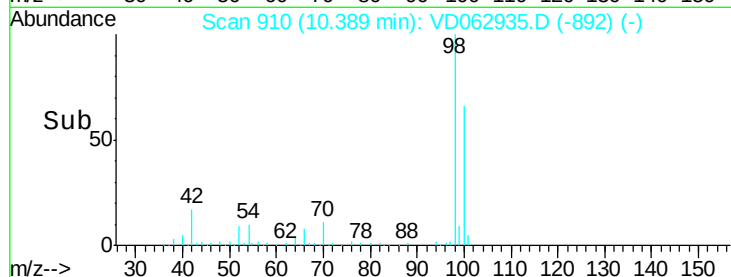
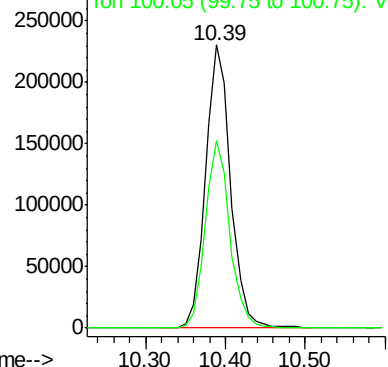
#50
Toluene-d8
Concen: 33.252 ug/l
RT: 10.39 min Scan# 910
Delta R.T. -0.03 min
Lab File: VD062935.D
Acq: 27 Jun 2019 16:55

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

Tot Ion: 98 Resp: 505503
Ion Ratio Lower Upper
98 100
100 66.1 54.7 82.1

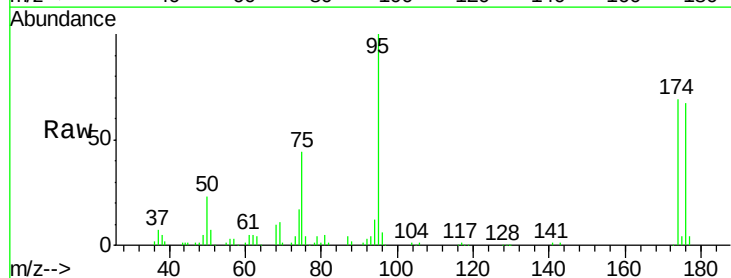


Abundance Ion 98.05 (97.75 to 98.75): VD062780.D (-906) (-)
Ion 100.05 (99.75 to 100.75): VD062935.D (-892) (-)

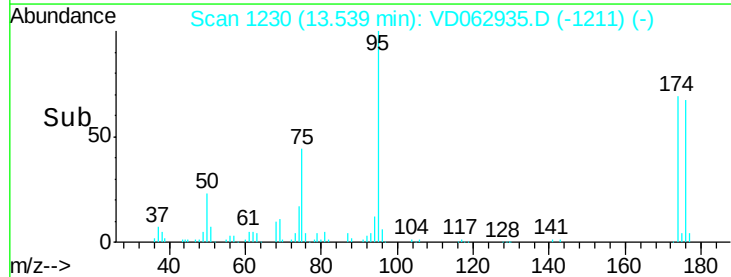
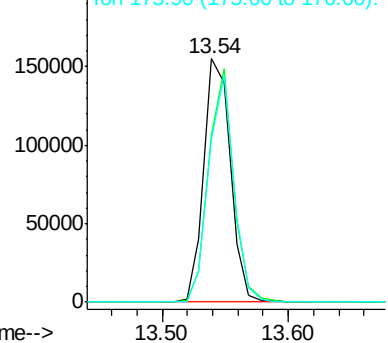


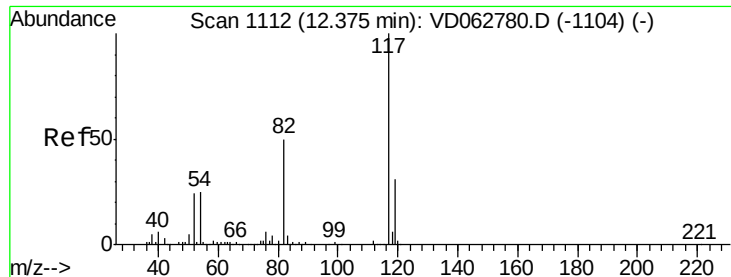
#62
4-Bromofluorobenzene
Concen: 32.610 ug/l
RT: 13.54 min Scan# 1230
Delta R.T. -0.02 min
Lab File: VD062935.D
Acq: 27 Jun 2019 16:55

Tgt Ion: 95 Resp: 225418
Ion Ratio Lower Upper
95 100
174 68.6 0.0 158.0
176 66.8 0.0 151.6



Abundance Ion 95.00 (94.70 to 95.70): VD062780.D (-1228) (-)
Ion 173.90 (173.60 to 174.60): VD062935.D (-1211) (-)
Ion 175.90 (175.60 to 176.60): VD062935.D (-1211) (-)

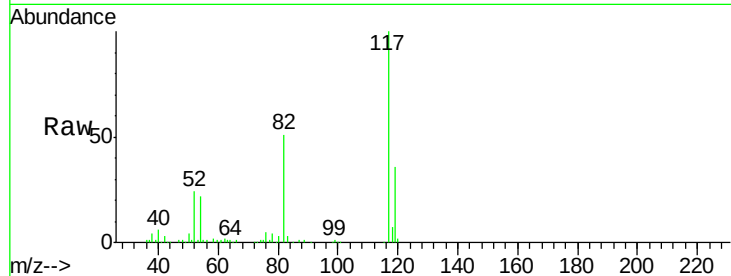




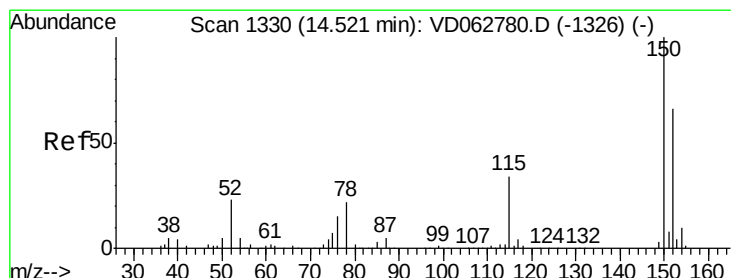
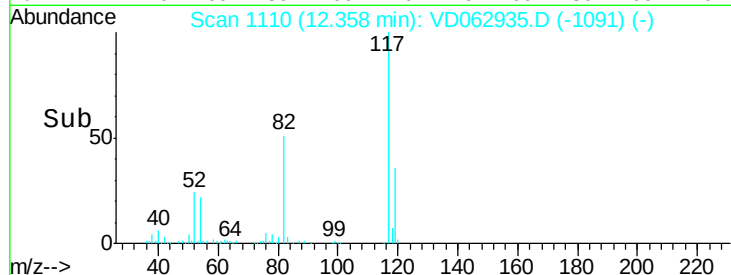
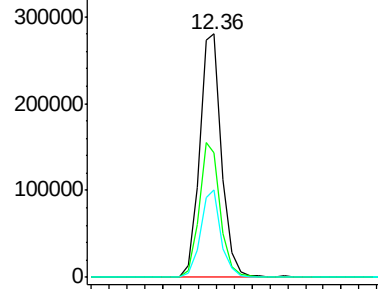
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD062935.D
Acq: 27 Jun 2019 16:55

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

Tot Ion:117 Resp: 489715
Ion Ratio Lower Upper
117 100
82 50.9 40.4 60.6
119 35.9 25.2 37.8

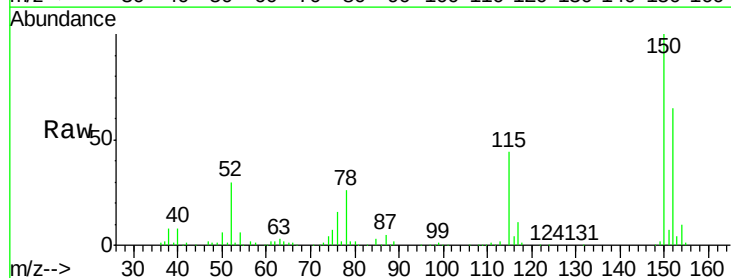


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.50 min Scan# 1328
Delta R.T. -0.02 min
Lab File: VD062935.D
Acq: 27 Jun 2019 16:55

Tgt Ion:152 Resp: 167746
Ion Ratio Lower Upper
152 100
115 67.4 29.2 87.6
150 154.8 0.0 305.8



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

