

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062619\
 Data File : VD062913.D
 Acq On : 26 Jun 2019 13:16
 Operator : VA/AP
 Sample : K3530-04
 Misc : 6.72g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jun 27 09:17:04 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	7.04	168	652395	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.22	114	833181	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	564269	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	178212	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	409526	57.75	ug/l	-0.01
Spiked Amount			Recovery	=	115.50%	
35) Dibromofluoromethane	6.92	113	399023	56.80	ug/l	-0.01
Spiked Amount			Recovery	=	113.60%	
50) Toluene-d8	10.41	98	699465	45.75	ug/l	-0.01
Spiked Amount			Recovery	=	91.50%	
62) 4-Bromofluorobenzene	13.56	95	253015	36.39	ug/l	0.00
Spiked Amount			Recovery	=	72.78%	

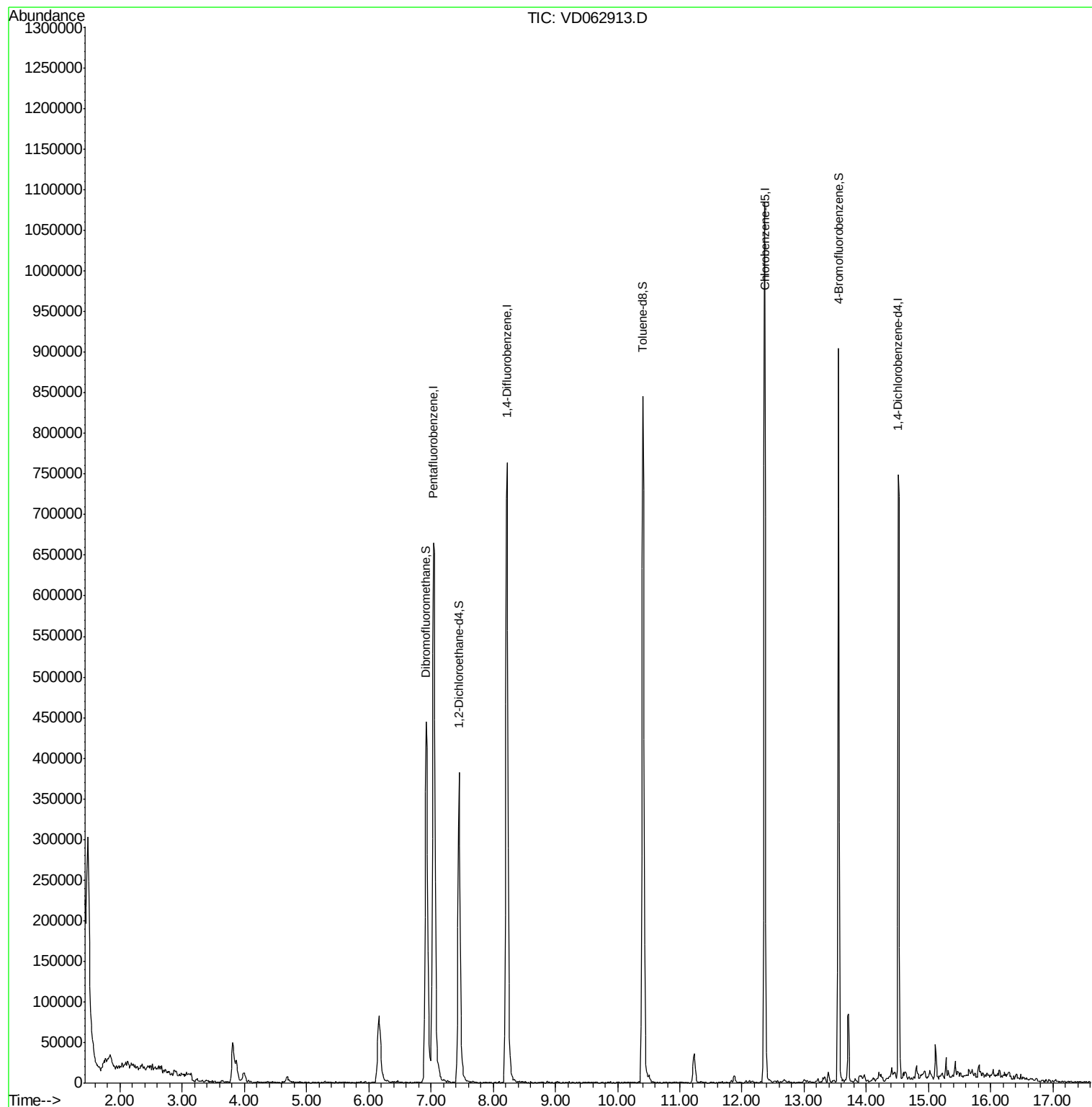
Target Compounds	Qvalue
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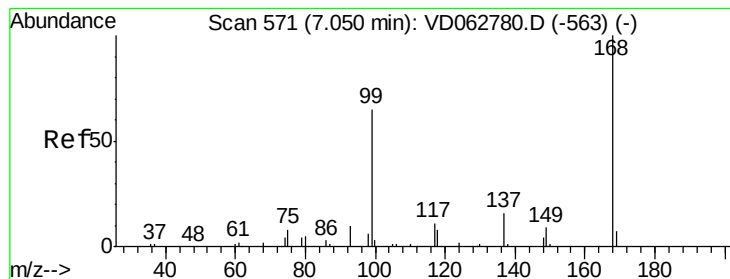
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD062913.D

Acq: 26 Jun 2019 13:16

Instrument :

MSVOA_D

ClientSampleId :

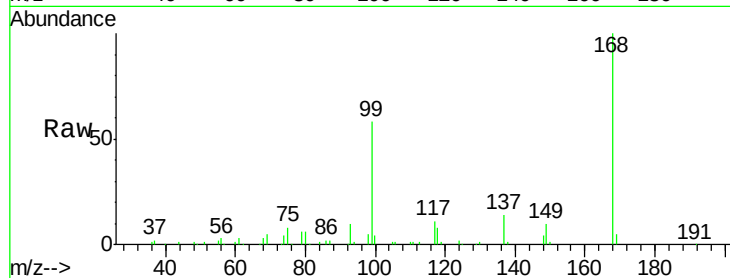
FK-GF-02-044-B

Tot Ion:168 Resp: 652395

Ion Ratio Lower Upper

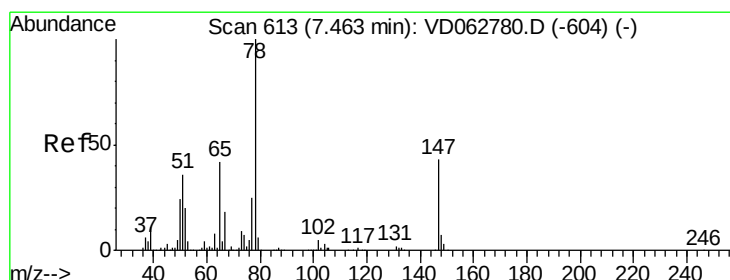
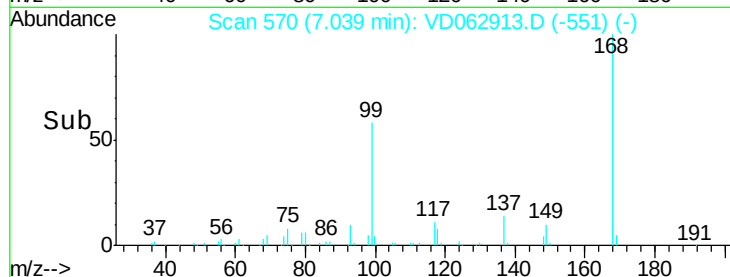
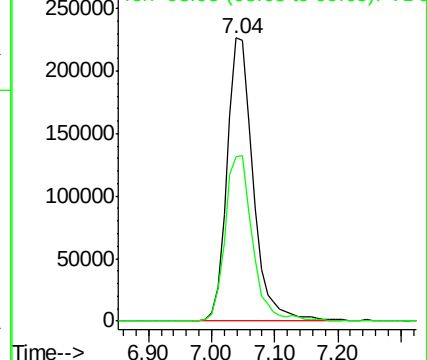
168 100

99 58.2 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: 57.749 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD062913.D

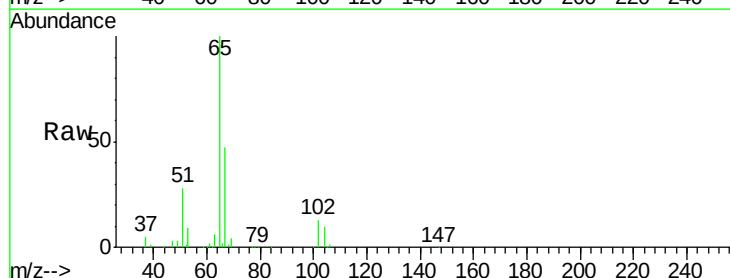
Acq: 26 Jun 2019 13:16

Tgt Ion: 65 Resp: 409526

Ion Ratio Lower Upper

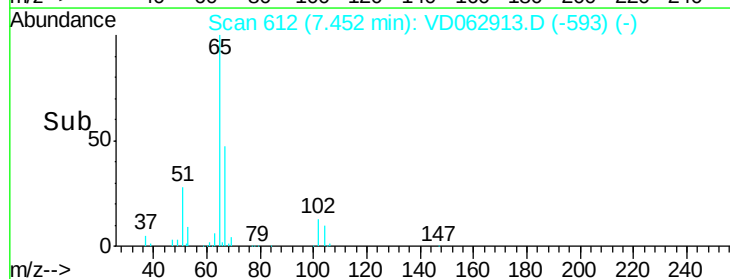
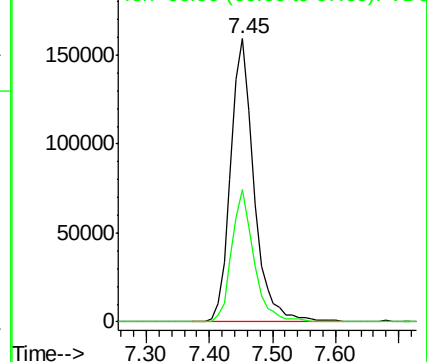
65 100

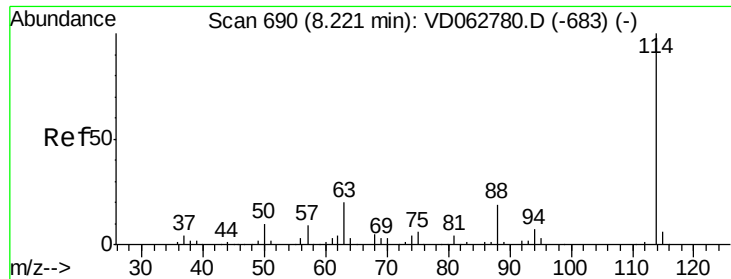
67 46.6 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

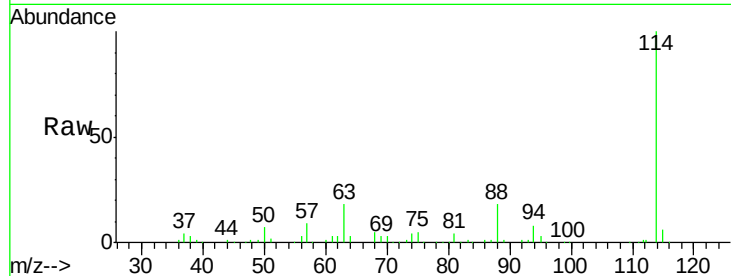




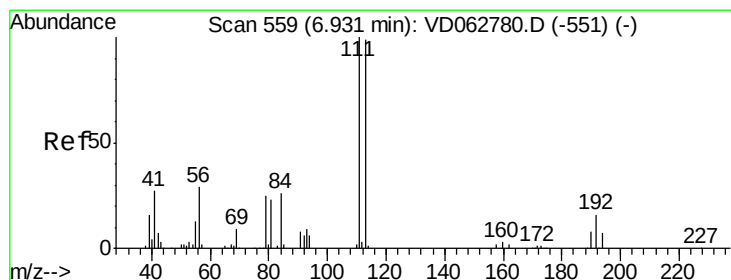
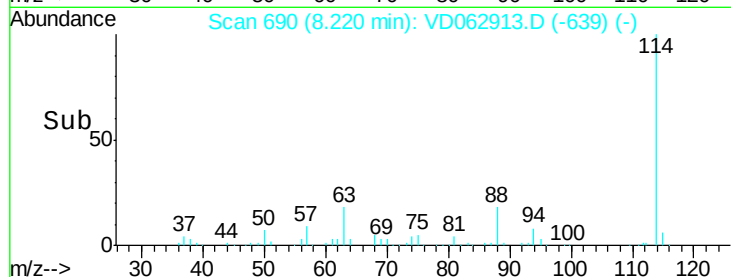
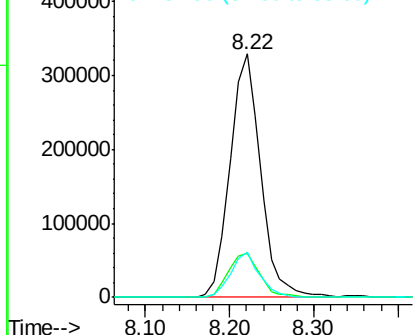
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: VD062913.D
 Acq: 26 Jun 2019 13:16

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

Tot Ion:114 Resp: 833181
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 40.0
 88 18.4 0.0 38.8

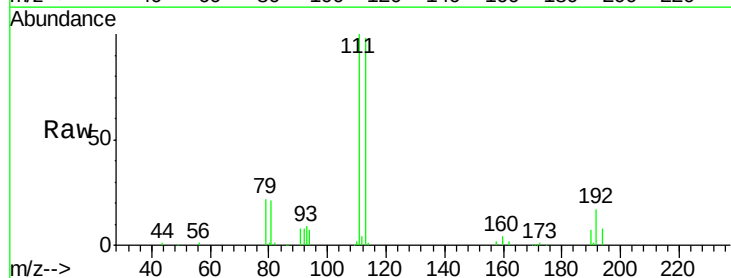


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

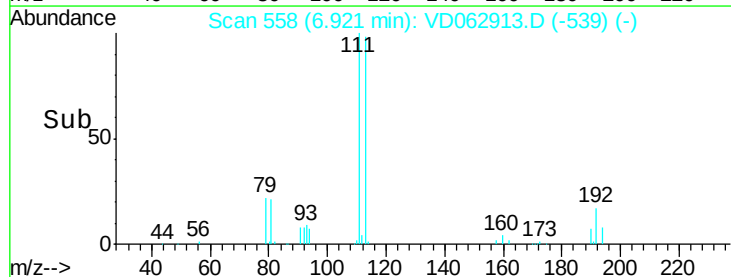
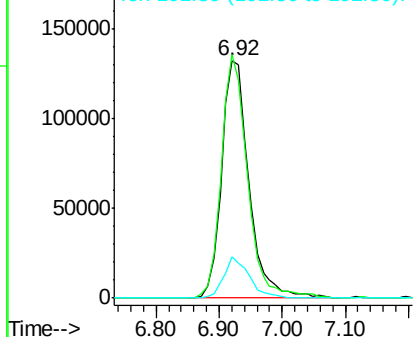


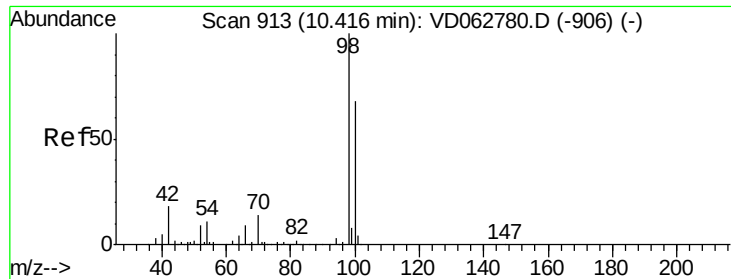
#35
 Dibromofluoromethane
 Concen: 56.798 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD062913.D
 Acq: 26 Jun 2019 13:16

Tgt Ion:113 Resp: 399023
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.2 121.8
 192 17.2 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

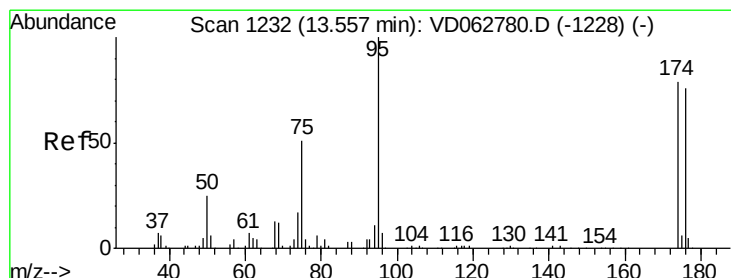
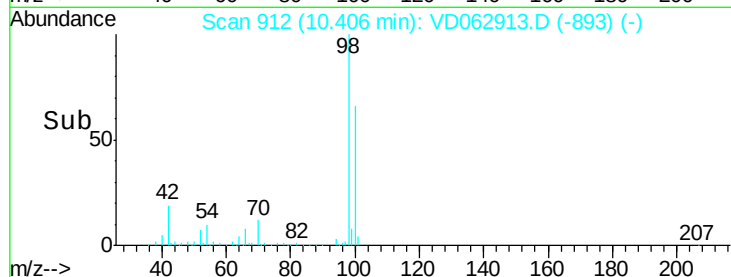
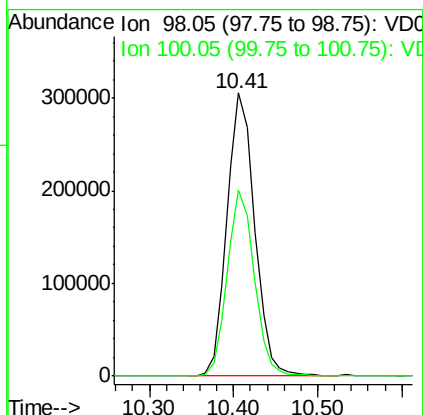
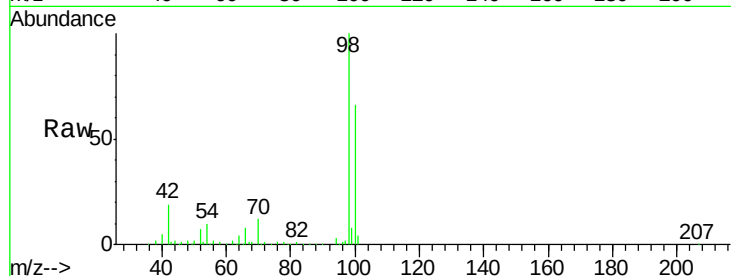




#50
Toluene-d8
Concen: 45.745 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD062913.D
Acq: 26 Jun 2019 13:16

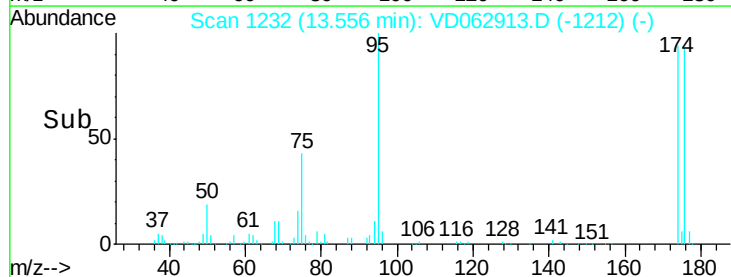
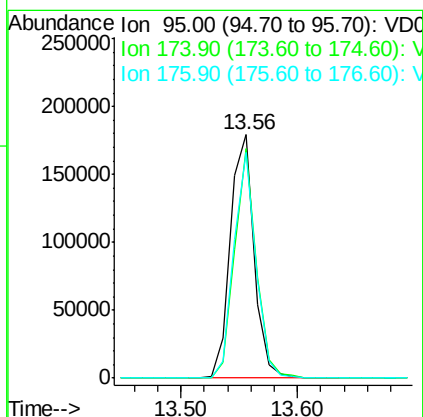
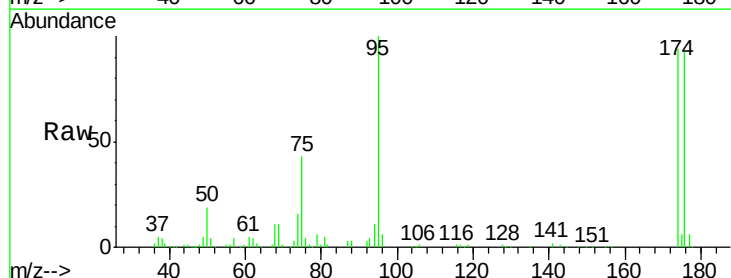
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-044-B

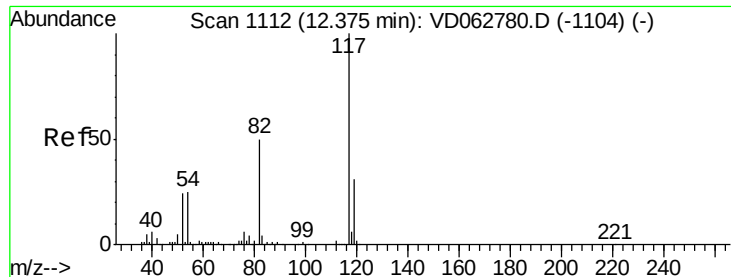
Tot Ion: 98 Resp: 699465
Ion Ratio Lower Upper
98 100
100 65.6 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 36.391 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD062913.D
Acq: 26 Jun 2019 13:16

Tgt Ion: 95 Resp: 253015
Ion Ratio Lower Upper
95 100
174 94.4 0.0 158.0
176 92.8 0.0 151.6

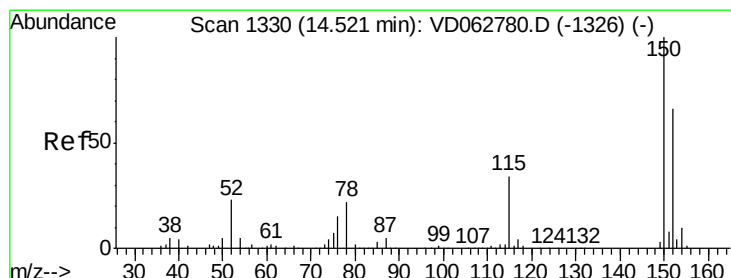
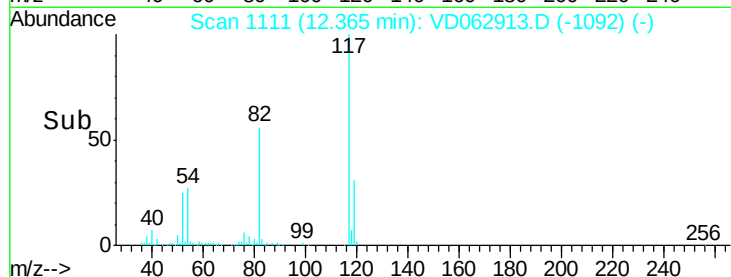
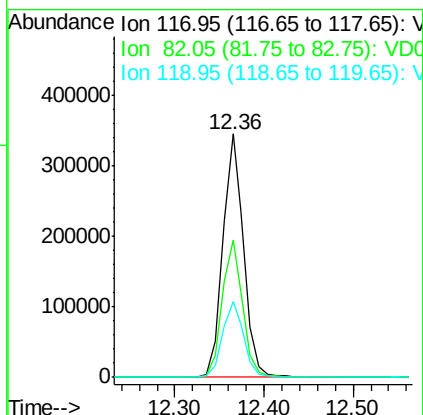
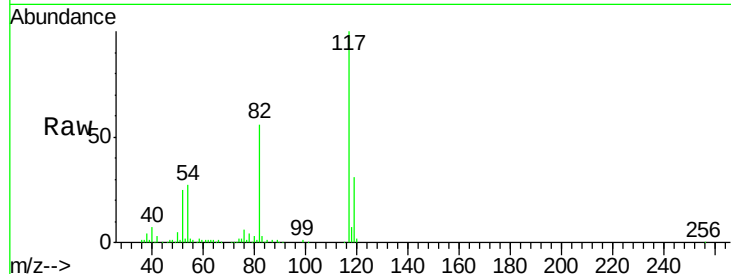




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD062913.D
Acq: 26 Jun 2019 13:16

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

Tot Ion:117 Resp: 564269
Ion Ratio Lower Upper
117 100
82 56.4 40.4 60.6
119 31.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062913.D
Acq: 26 Jun 2019 13:16

Tgt Ion:152 Resp: 178212
Ion Ratio Lower Upper
152 100
115 51.8 29.2 87.6
150 156.7 0.0 305.8

