

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051519\
 Data File : VD062391.D
 Acq On : 15 May 2019 16:38
 Operator : FY/SY
 Sample : K2807-02
 Misc : 5.39g/5mL/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-039-A

Quant Time: May 16 04:29:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

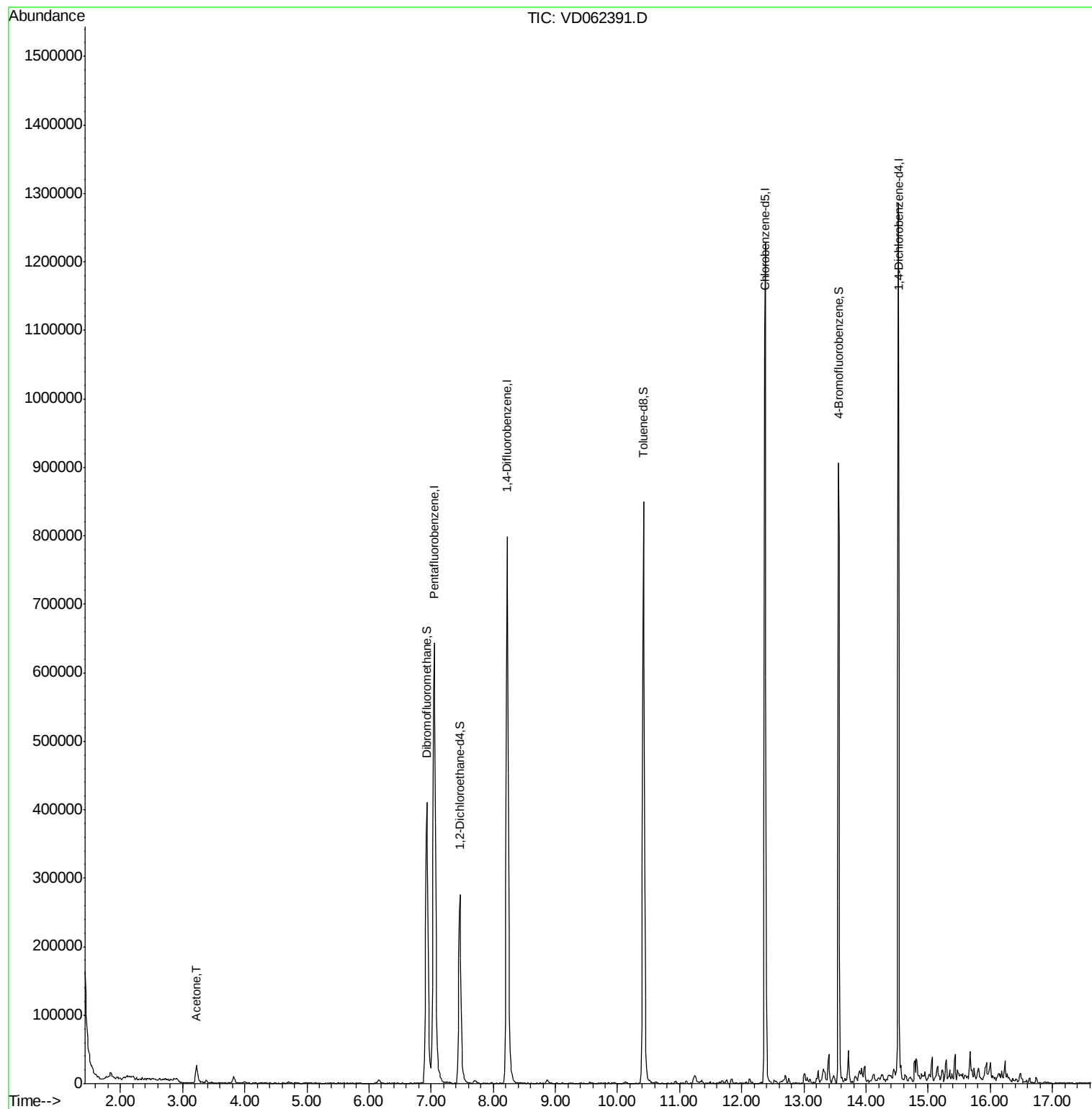
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	632236	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	869855	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	679978	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	259292	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	303063	51.58	ug/l	0.04
Spiked Amount 50.000			Recovery	=	103.16%	
35) Dibromofluoromethane	6.93	113	357494	49.53	ug/l	0.04
Spiked Amount 50.000			Recovery	=	99.06%	
50) Toluene-d8	10.42	98	682903	39.24	ug/l	0.02
Spiked Amount 50.000			Recovery	=	78.48%	
62) 4-Bromofluorobenzene	13.56	95	271355	38.83	ug/l	0.01
Spiked Amount 50.000			Recovery	=	77.66%	
Target Compounds						
16) Acetone	3.22	43	46543	37.774	ug/l	Qvalue 93

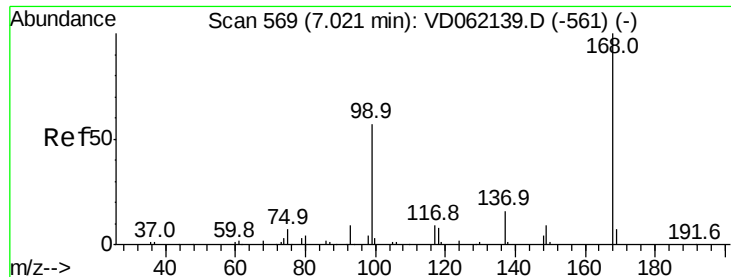
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.03 min

Lab File: VD062391.D

Acq: 15 May 2019 16:38

Instrument :

MSVOA_D

ClientSampleId :

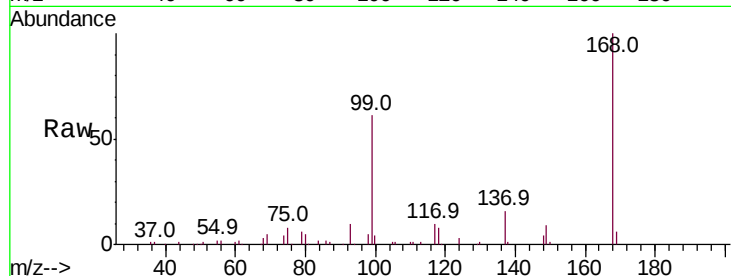
FK-GF-02-039-A

Tot Ion:168 Resp: 632236

Ion Ratio Lower Upper

168 100

99 61.4 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

250000

200000

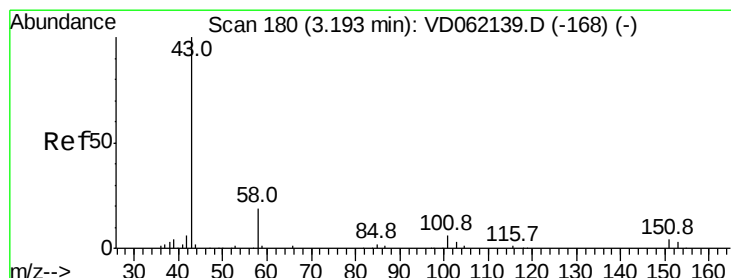
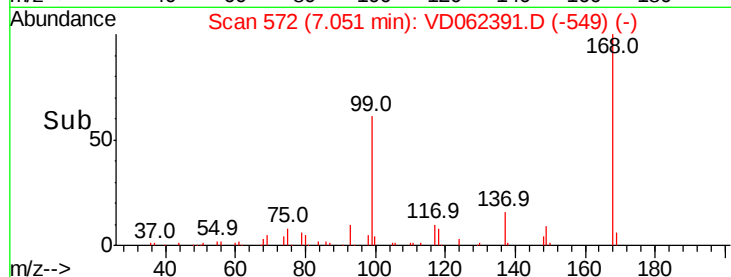
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 37.774 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD062391.D

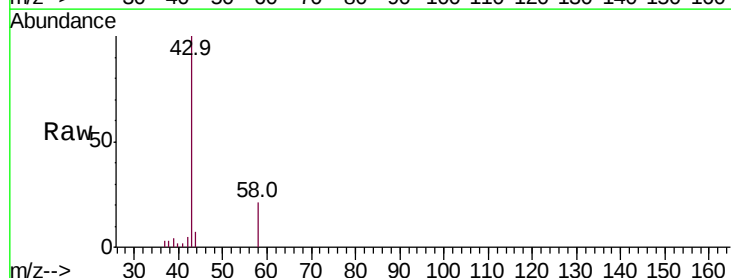
Acq: 15 May 2019 16:38

Tgt Ion: 43 Resp: 46543

Ion Ratio Lower Upper

43 100

58 21.2 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

20000

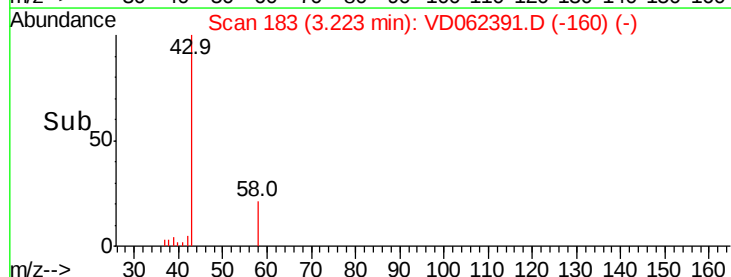
15000

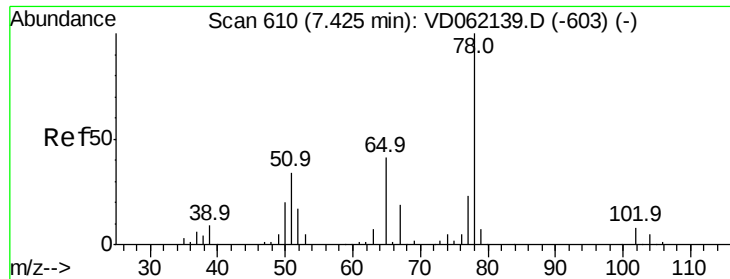
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 51.581 ug/l

RT: 7.46 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD062391.D

Acq: 15 May 2019 16:38

Instrument :

MSVOA_D

ClientSampleId :

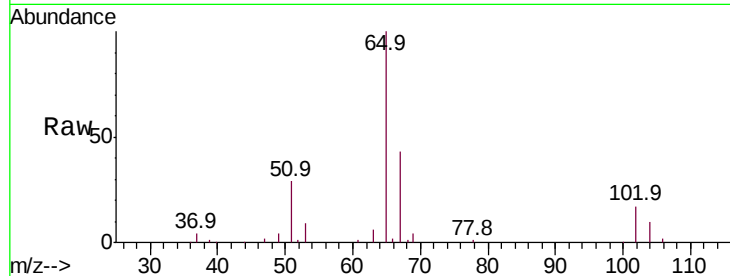
FK-GF-02-039-A

Tot Ion: 65 Resp: 303063

Ion Ratio Lower Upper

65 100

67 43.2 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

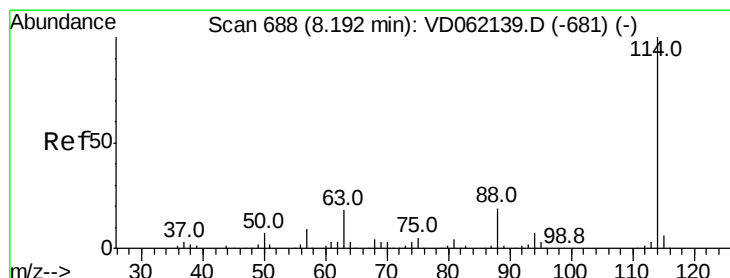
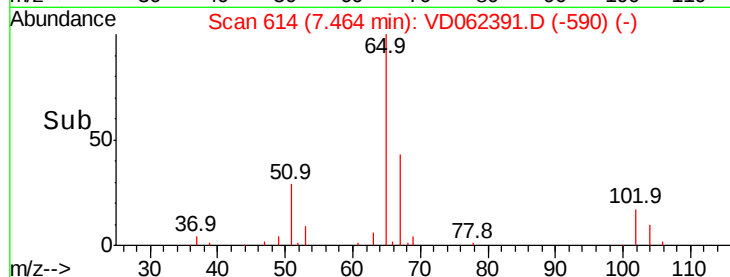
7.46

100000

50000

0

Time--> 7.30 7.40 7.50 7.60 7.70



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 691

Delta R.T. 0.03 min

Lab File: VD062391.D

Acq: 15 May 2019 16:38

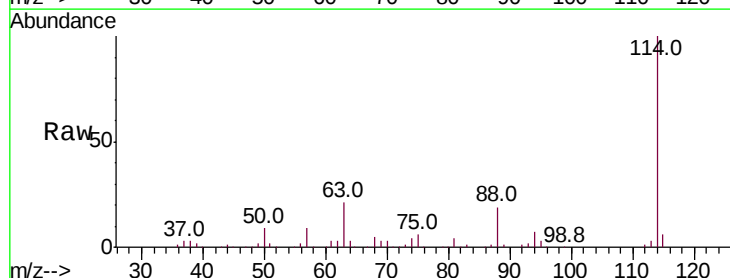
Tgt Ion: 114 Resp: 869855

Ion Ratio Lower Upper

114 100

63 20.8 0.0 32.4

88 19.4 0.0 33.6



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

8.22

400000

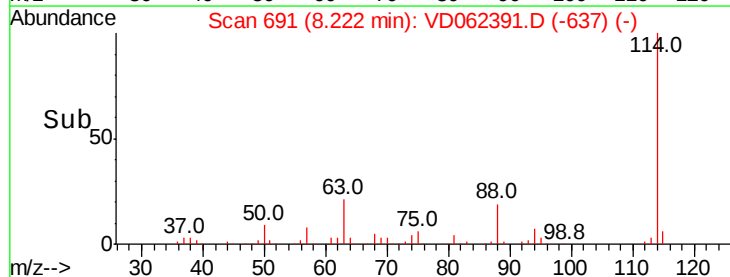
300000

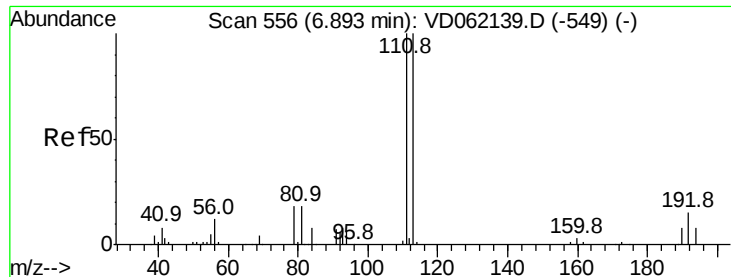
200000

100000

0

Time--> 8.00 8.20 8.40 8.60

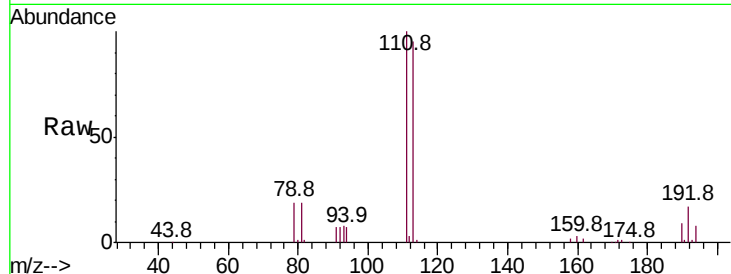




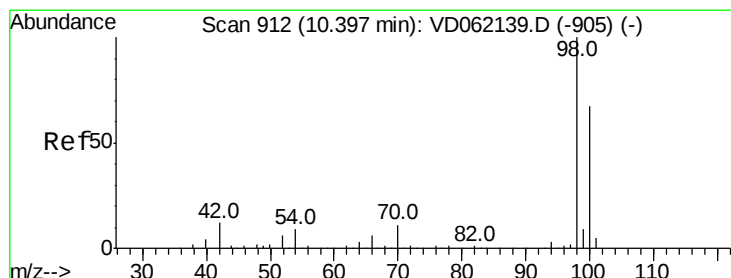
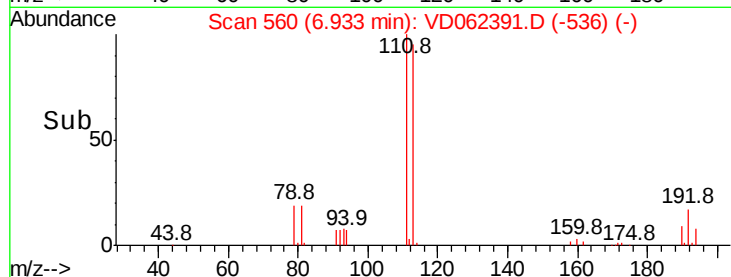
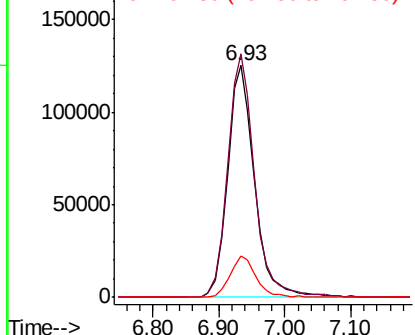
#35
 Dibromofluoromethane
 Concen: 49.533 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. 0.04 min
 Lab File: VD062391.D
 Acq: 15 May 2019 16:38

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-039-A

Tot Ion:113 Resp: 357494
 Ion Ratio Lower Upper
 113 100
 111 105.2 78.5 117.7
 192 17.7 13.0 19.4

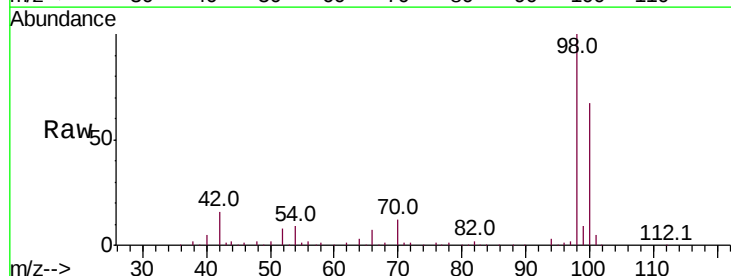


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

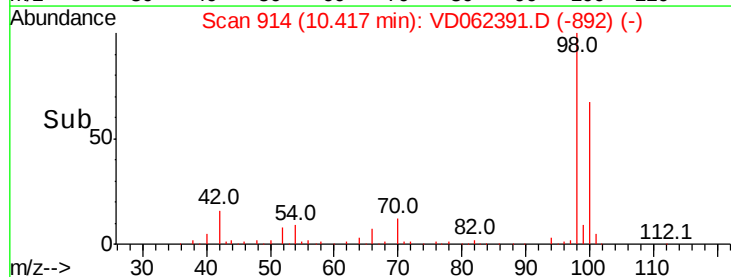
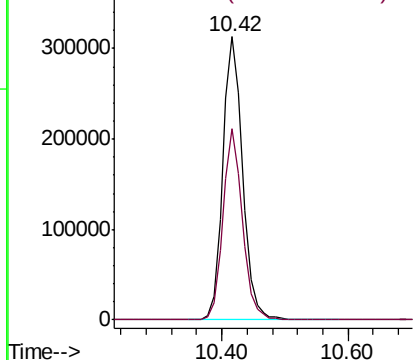


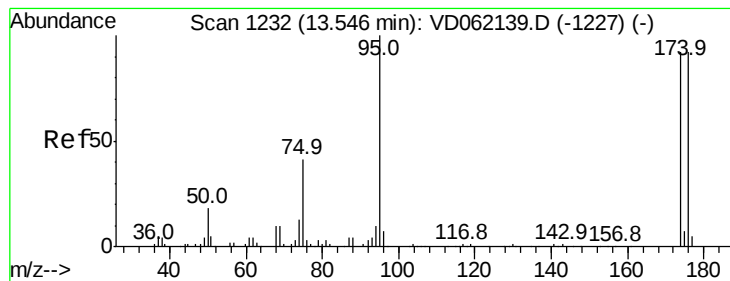
#50
 Toluene-d8
 Concen: 39.244 ug/l
 RT: 10.42 min Scan# 914
 Delta R.T. 0.02 min
 Lab File: VD062391.D
 Acq: 15 May 2019 16:38

Tgt Ion: 98 Resp: 682903
 Ion Ratio Lower Upper
 98 100
 100 67.4 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC
 Ion 100.05 (99.75 to 100.75): VD





#62

4-Bromofluorobenzene

Concen: 38.833 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062391.D

Acq: 15 May 2019 16:38

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-039-A

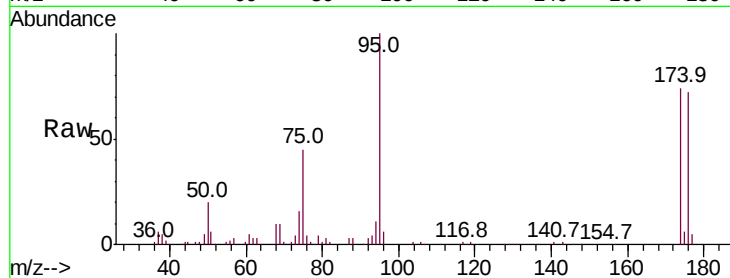
Tot Ion: 95 Resp: 271355

Ion Ratio Lower Upper

95 100

174 74.0 0.0 181.8

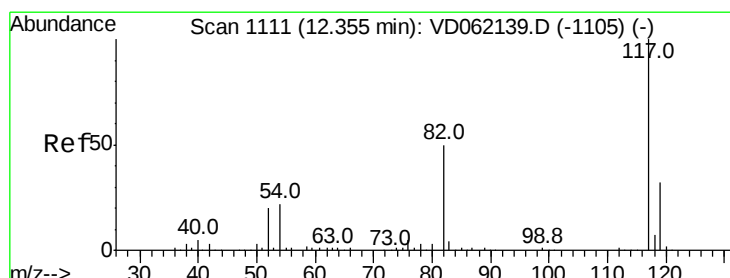
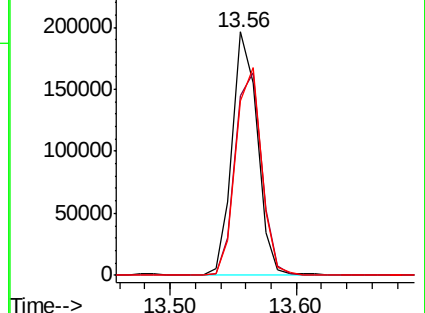
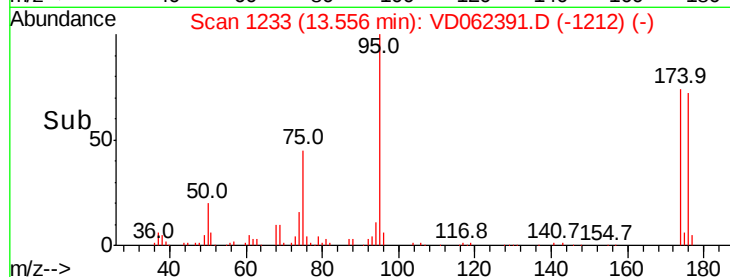
176 71.9 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VD062391.D

Acq: 15 May 2019 16:38

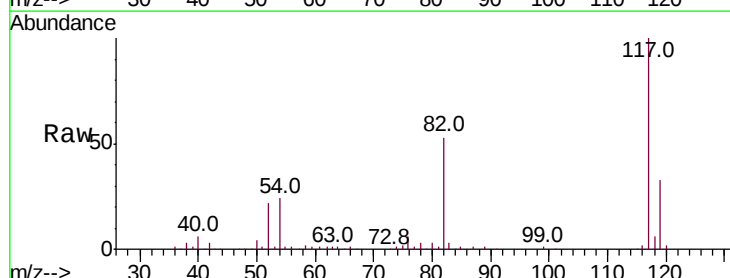
Tgt Ion: 117 Resp: 679978

Ion Ratio Lower Upper

117 100

82 53.3 36.2 54.2

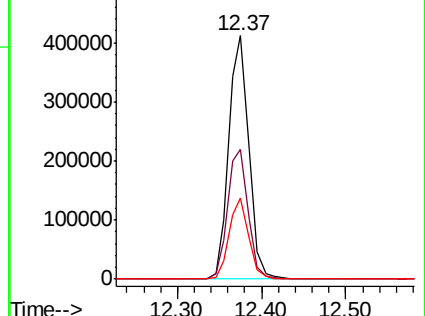
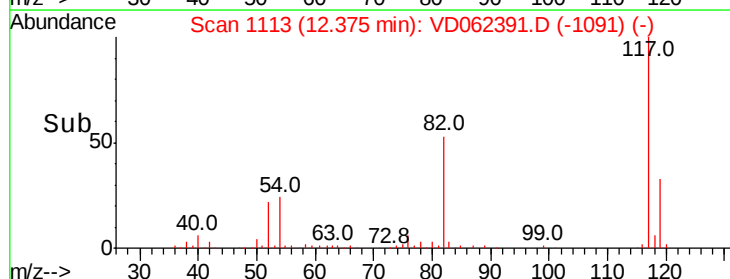
119 33.4 26.2 39.4

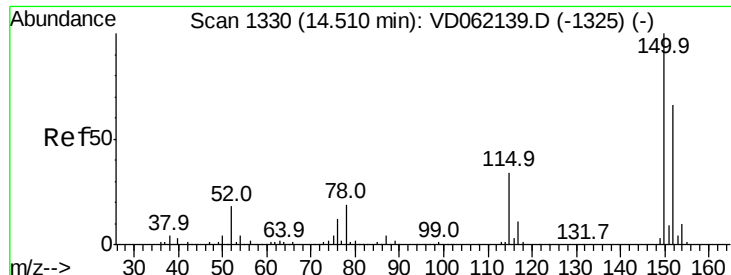


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.52 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VD062391.D

Acq: 15 May 2019 16:38

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-039-A

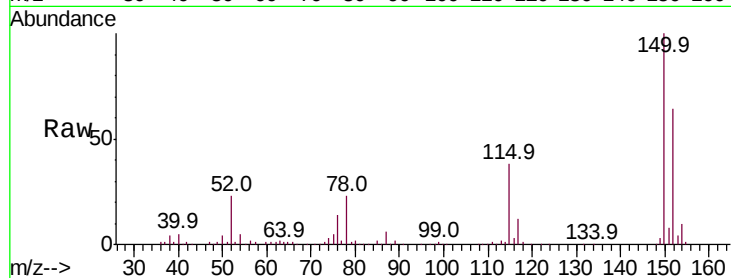
Tot Ion:152 Resp: 259292

Ion Ratio Lower Upper

152 100

115 59.3 30.9 92.7

150 155.6 0.0 314.8



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

