

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082319\
 Data File : VD063767.D
 Acq On : 23 Aug 2019 15:38
 Operator : JC/SY
 Sample : K4465-02
 Misc : 6.08g/5ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-056

Quant Time: Aug 26 11:18:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	735311	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.22	114	1009569	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	716140	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	272589	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	582619	74.13	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	148.26%	
35) Dibromofluoromethane	6.92	113	555758	65.36	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	130.72%	
50) Toluene-d8	10.40	98	1112077	59.49	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	118.98%	
62) 4-Bromofluorobenzene	13.55	95	364279	42.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.98%	

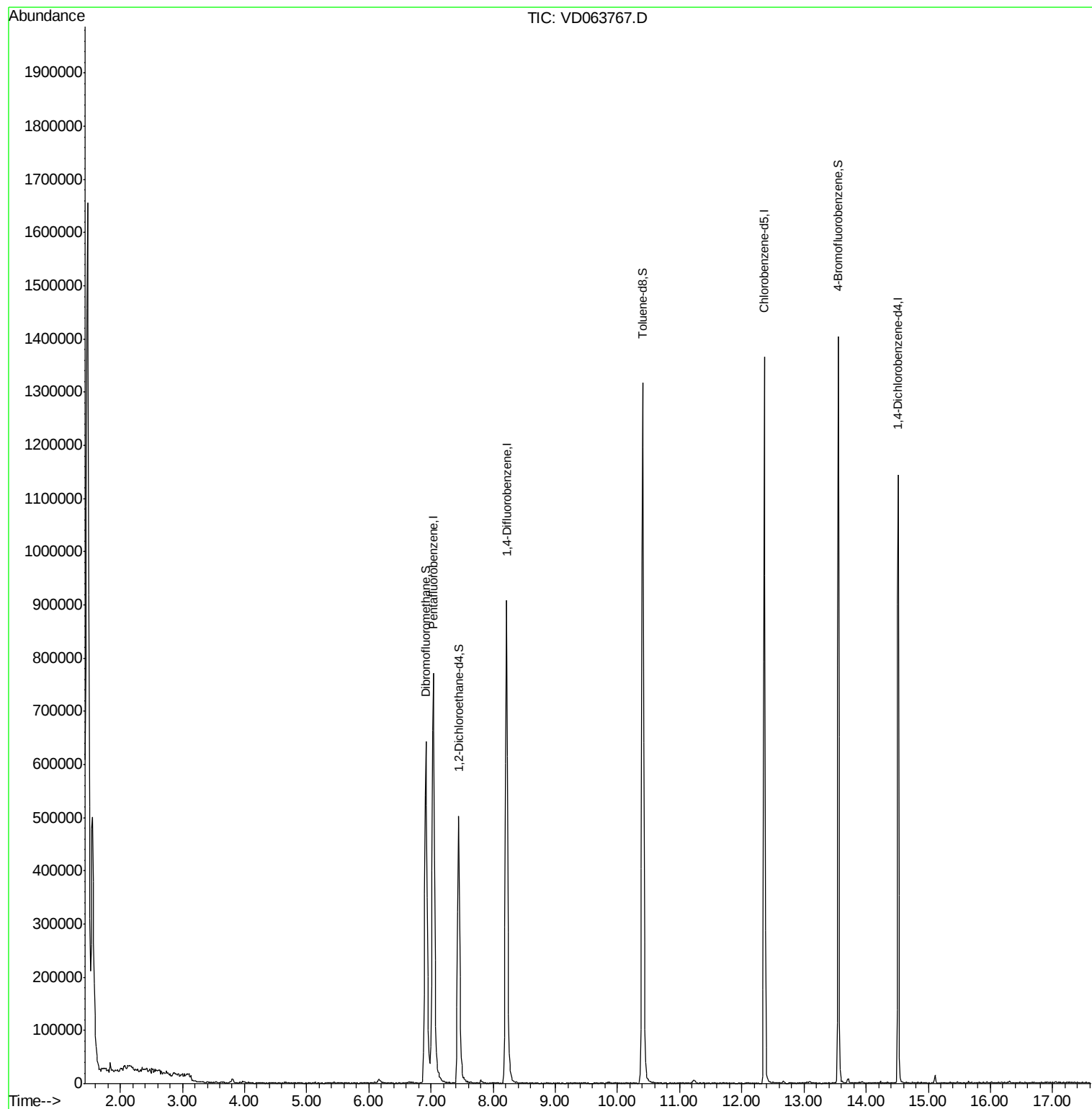
Target Compounds	Qvalue
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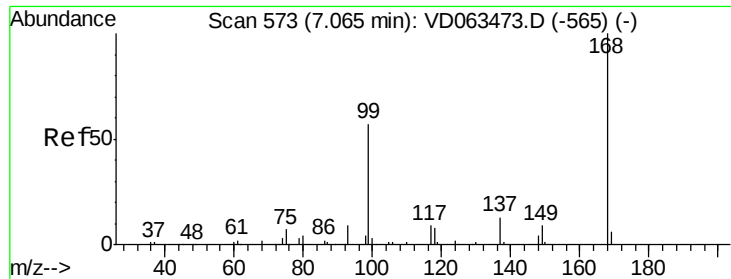
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.03 min

Lab File: VD063767.D

Acq: 23 Aug 2019 15:38

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MSVOA_D

ClientSampleId :

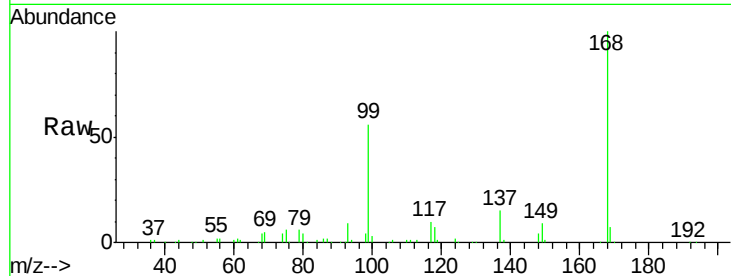
FK-PS-01-056

Tot Ion:168 Resp: 735311

Ion Ratio Lower Upper

168 100

99 56.1 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

300000

250000

200000

150000

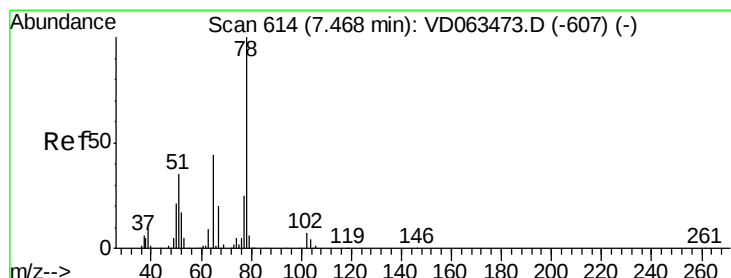
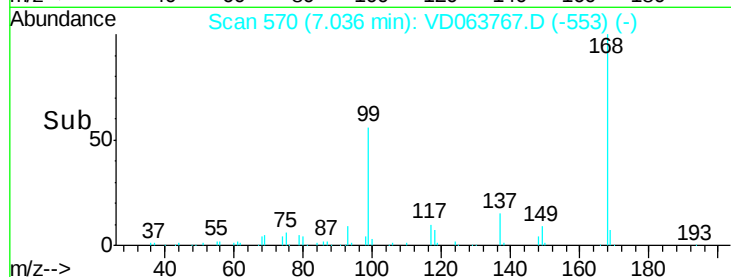
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 74.125 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.03 min

Lab File: VD063767.D

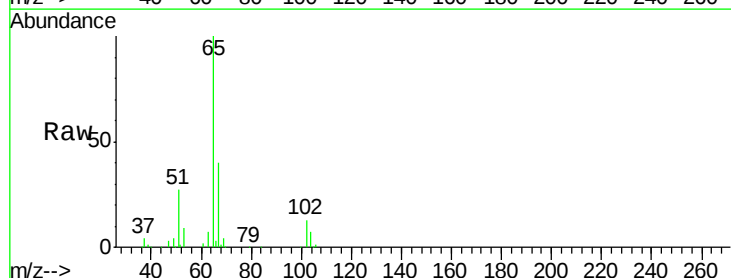
Acq: 23 Aug 2019 15:38

Tgt Ion: 65 Resp: 582619

Ion Ratio Lower Upper

65 100

67 39.8 0.0 89.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.44

250000

200000

150000

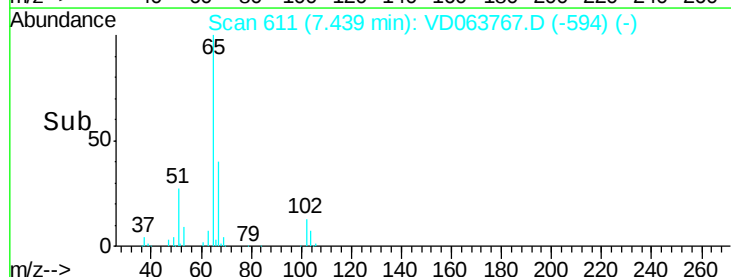
100000

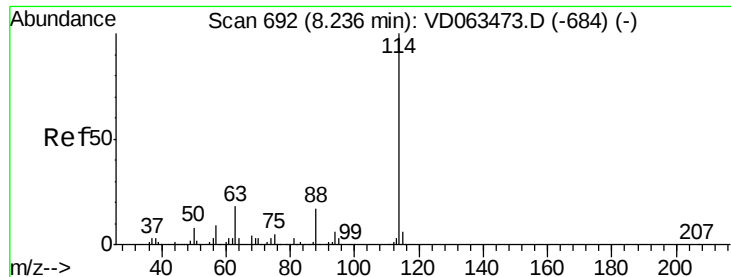
50000

0

Time-->

7.30 7.40 7.50 7.60





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. -0.02 min

Lab File: VD063767.D

Acq: 23 Aug 2019 15:38

Instrument :

MSVOA_D

ClientSampleId :

FK-PS-01-056

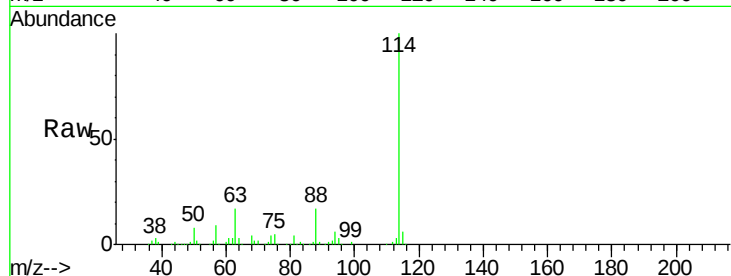
Tot Ion:114 Resp: 1009569

Ion Ratio Lower Upper

114 100

63 17.2 0.0 36.2

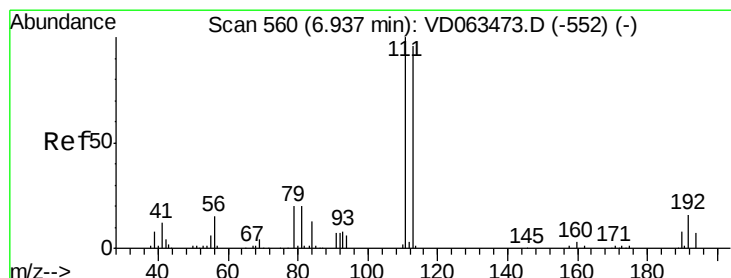
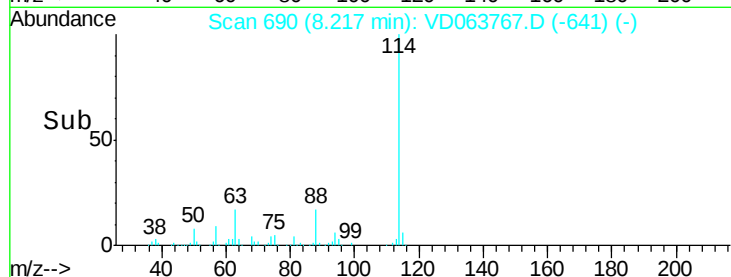
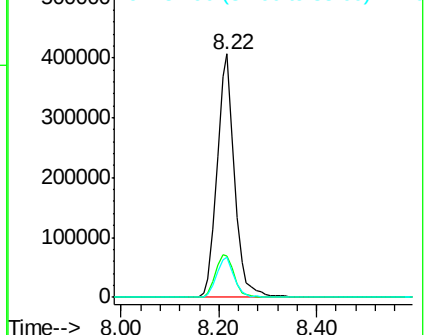
88 16.7 0.0 35.0



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: 65.363 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063767.D

Acq: 23 Aug 2019 15:38

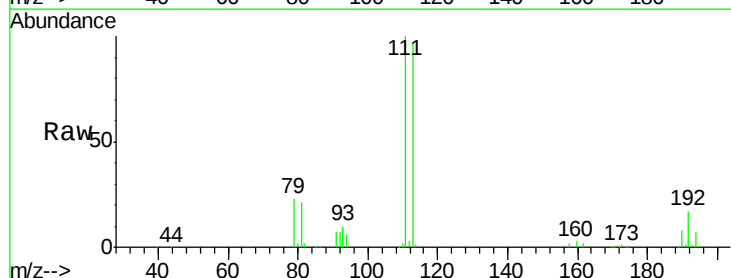
Tgt Ion:113 Resp: 555758

Ion Ratio Lower Upper

113 100

111 102.8 83.1 124.7

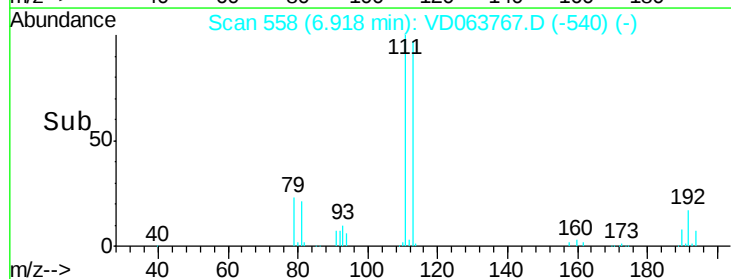
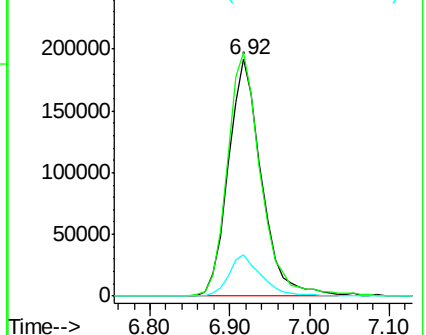
192 17.6 13.1 19.7

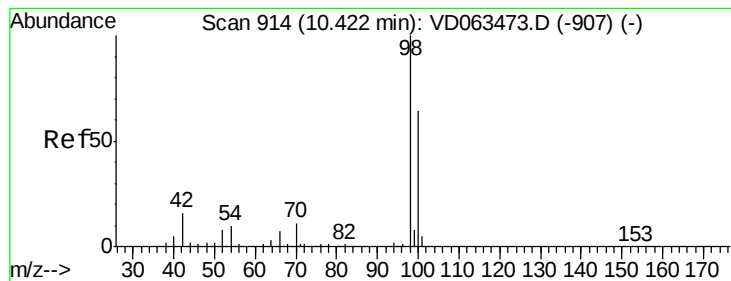


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 59.490 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.02 min

Lab File: VD063767.D

Acq: 23 Aug 2019 15:38

Instrument :

MSVOA_D

ClientSampleId :

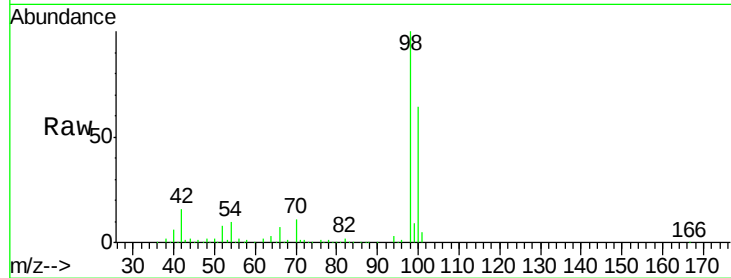
FK-PS-01-056

Tot Ion: 98 Resp: 1112077

Ion Ratio Lower Upper

98 100

100 64.0 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): VD063767.D (-907) (-)

Ion 100.05 (99.75 to 100.75): VD063767.D (-907) (-)

10.40

500000

400000

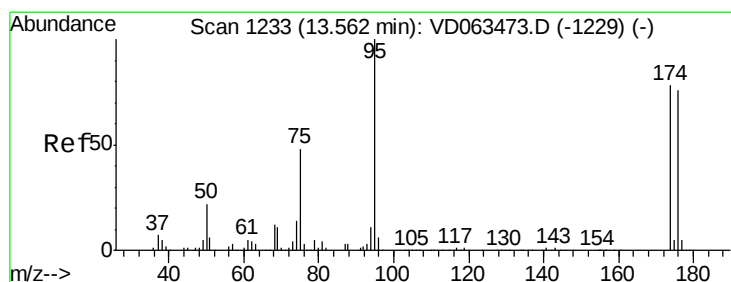
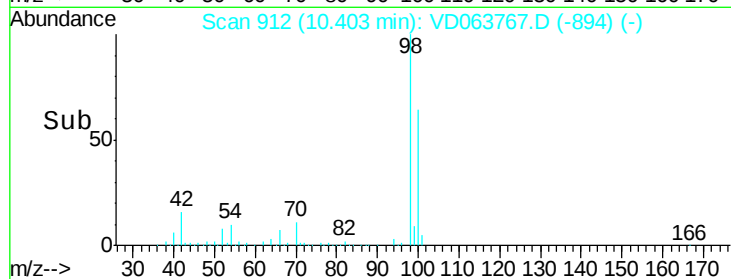
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.995 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD063767.D

Acq: 23 Aug 2019 15:38

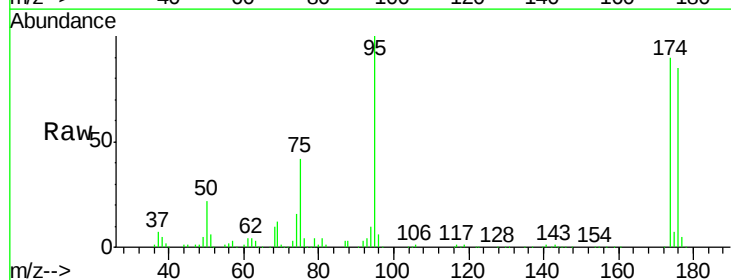
Tgt Ion: 95 Resp: 364279

Ion Ratio Lower Upper

95 100

174 90.4 0.0 155.4

176 85.2 0.0 152.4



Abundance Ion 95.00 (94.70 to 95.70): VD063767.D (-1213) (-)

Ion 173.90 (173.60 to 174.60): VD063767.D (-1213) (-)

Ion 175.90 (175.60 to 176.60): VD063767.D (-1213) (-)

13.55

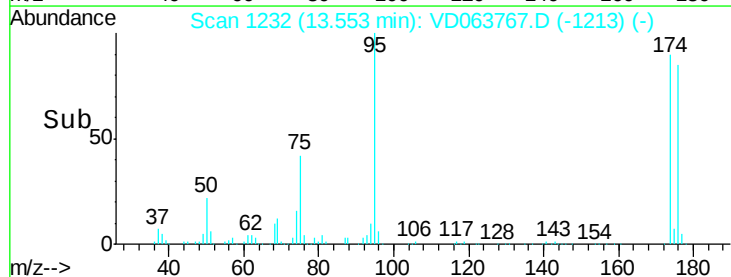
300000

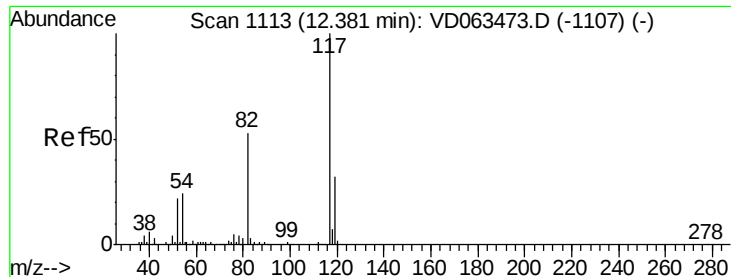
200000

100000

0

Time-->

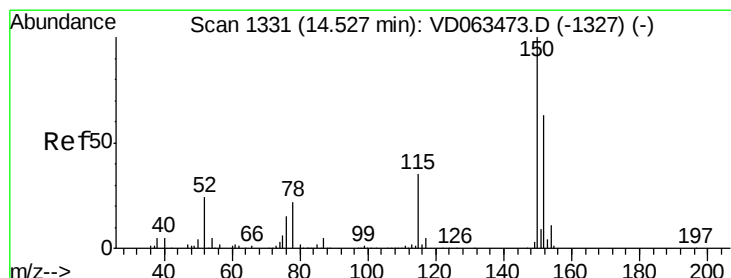
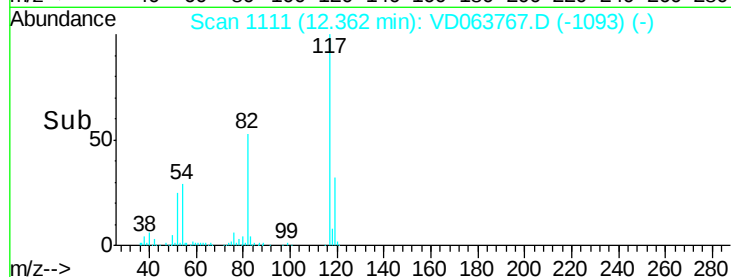
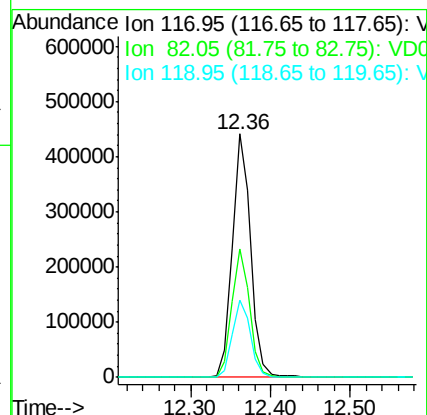
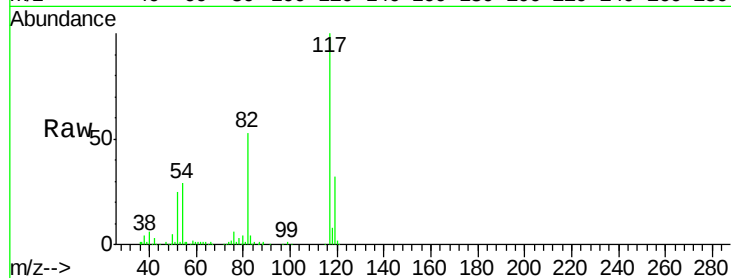




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063767.D
Acq: 23 Aug 2019 15:38

Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-056

Tot Ion:117 Resp: 716140
Ion Ratio Lower Upper
117 100
82 52.6 42.0 63.0
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063767.D
Acq: 23 Aug 2019 15:38

Tgt Ion:152 Resp: 272589
Ion Ratio Lower Upper
152 100
115 50.6 30.9 92.7
150 144.8 0.0 318.6

