

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051319\
 Data File : VD062332.D
 Acq On : 14 May 2019 5:16
 Operator : FY/SY
 Sample : K2735-10
 Misc : 5.87g/5mL/MSVOA D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS016-0612-01

Quant Time: May 14 08:23:50 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	7.06	168	545273	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.24	114	764399	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	503032	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	180873	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.48	65	257829	50.88	ug/l	0.05
Spiked Amount			Recovery	=	101.76%	
35) Dibromofluoromethane	6.95	113	289108	45.58	ug/l	0.05
Spiked Amount			Recovery	=	91.16%	
50) Toluene-d8	10.42	98	465455	30.44	ug/l	0.02
Spiked Amount			Recovery	=	60.88%	
62) 4-Bromofluorobenzene	13.56	95	181042	29.48	ug/l	0.01
Spiked Amount			Recovery	=	58.96%	

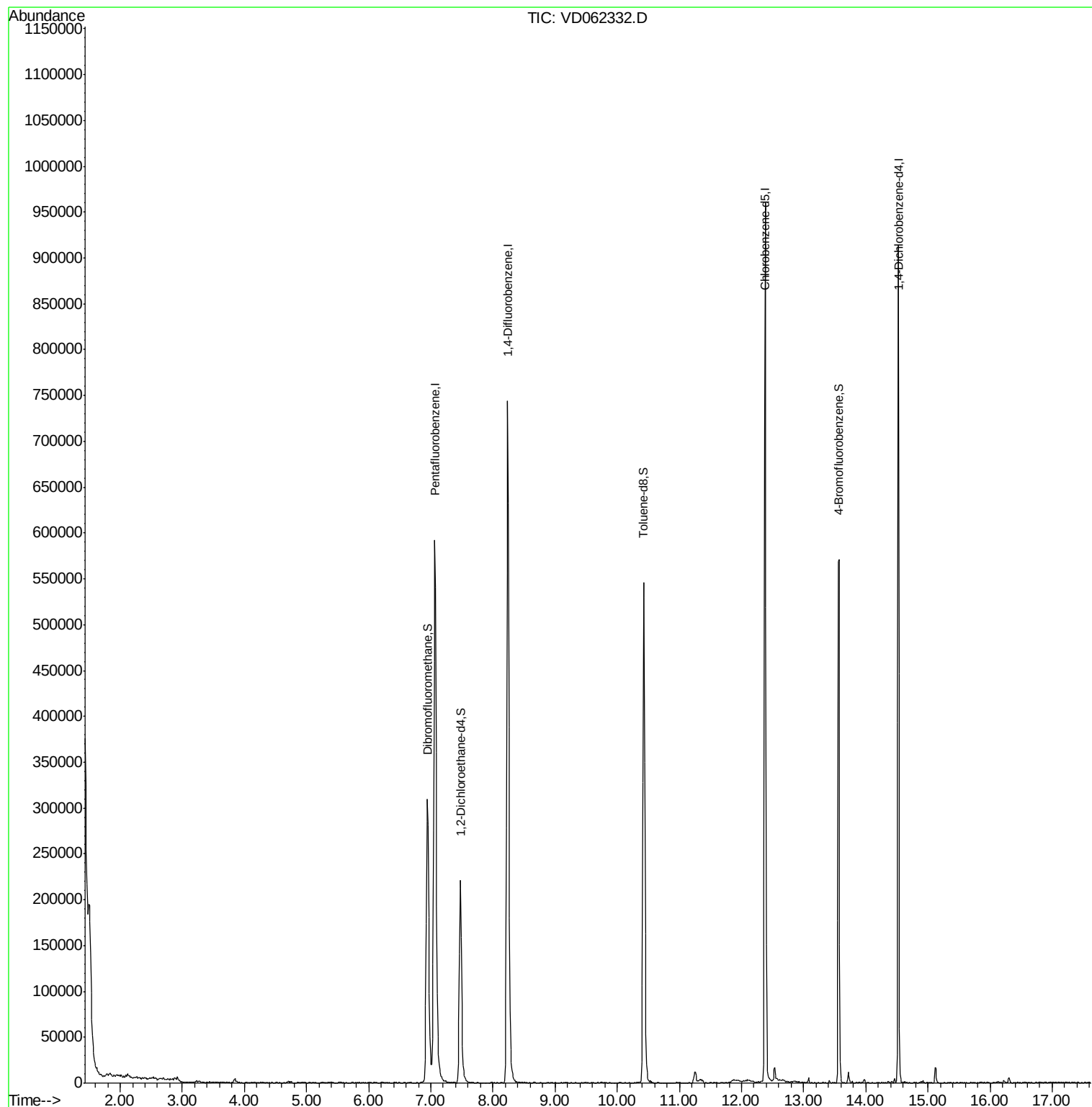
Target Compounds	Qvalue

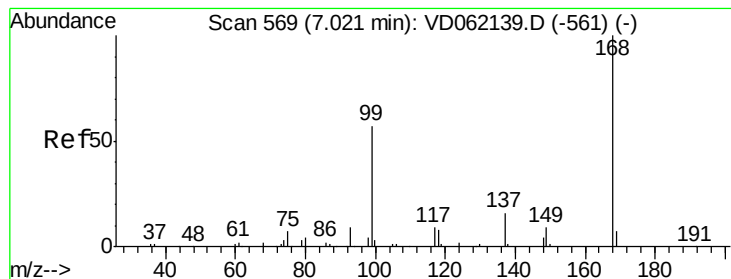
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 07 14:26:29 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD062332.D

Acq: 14 May 2019 5:16

Instrument :

MSVOA_D

ClientSampleId :

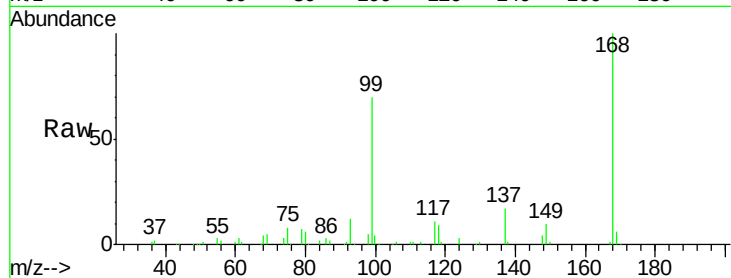
P026-SS016-0612-01

Tot Ion:168 Resp: 545273

Ion Ratio Lower Upper

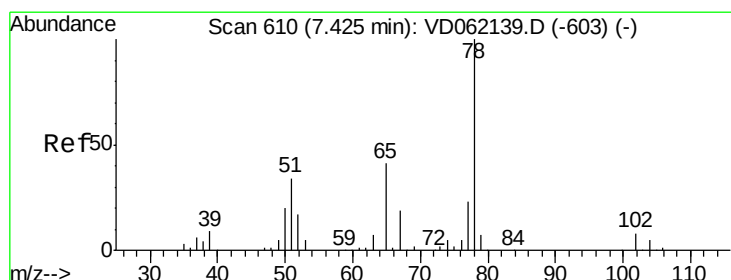
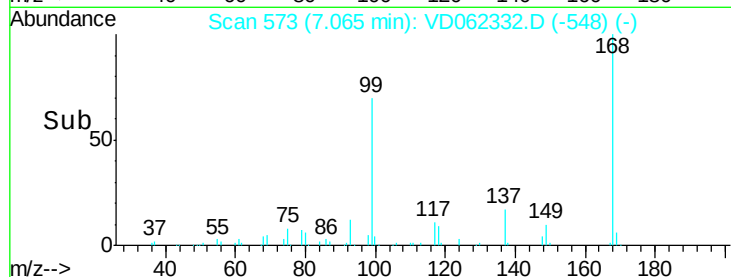
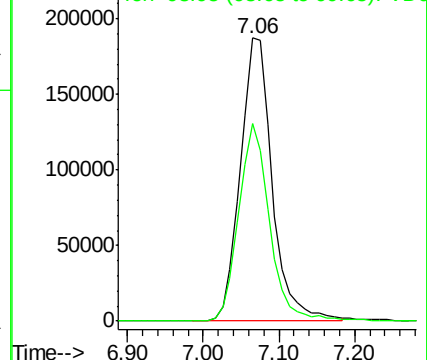
168 100

99 69.9 46.5 69.7#



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: 50.881 ug/l

RT: 7.48 min Scan# 615

Delta R.T. 0.05 min

Lab File: VD062332.D

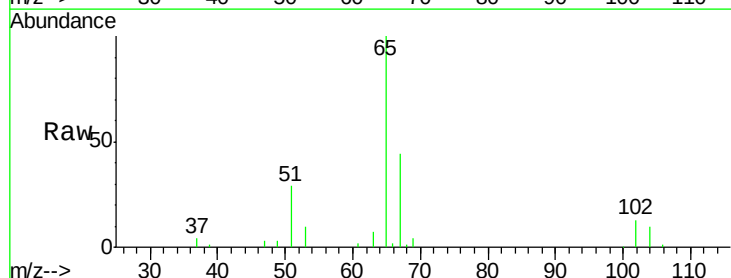
Acq: 14 May 2019 5:16

Tgt Ion: 65 Resp: 257829

Ion Ratio Lower Upper

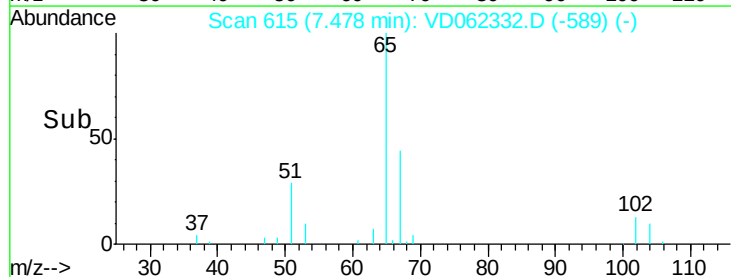
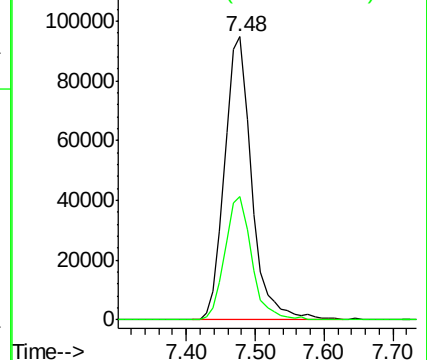
65 100

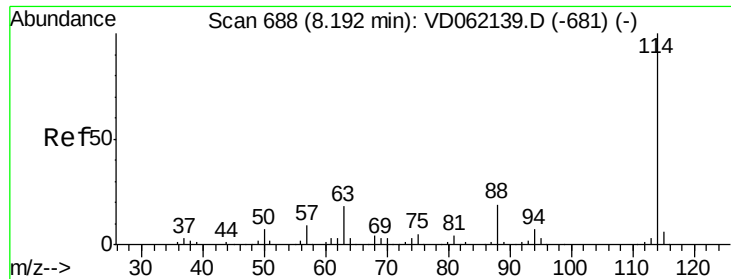
67 43.8 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

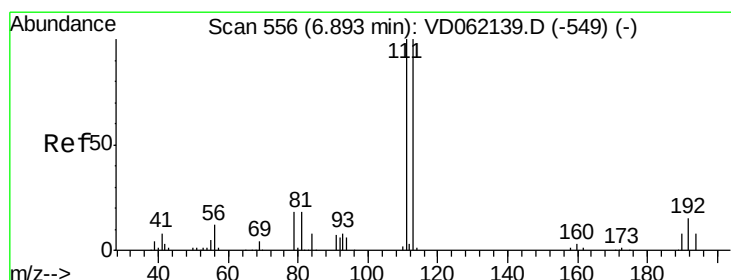
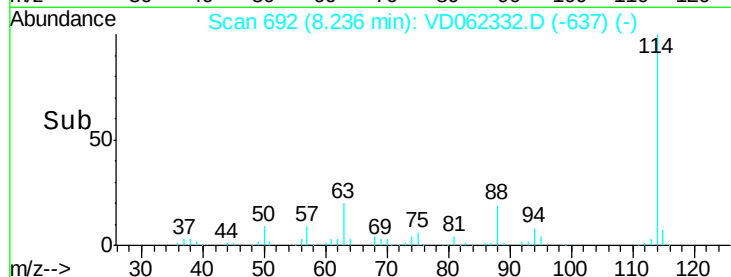
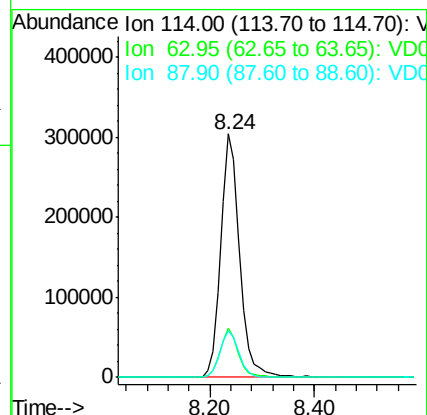
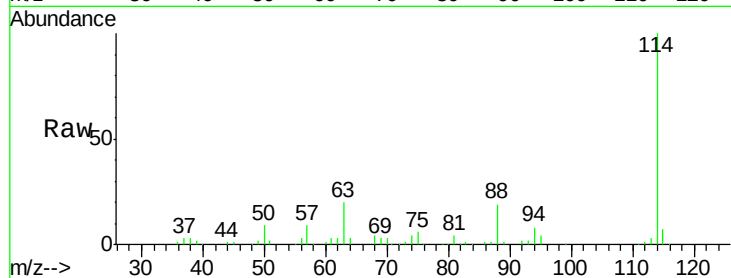




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.04 min
 Lab File: VD062332.D
 Acq: 14 May 2019 5:16

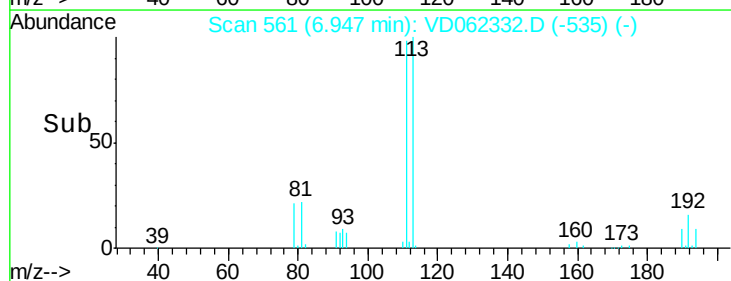
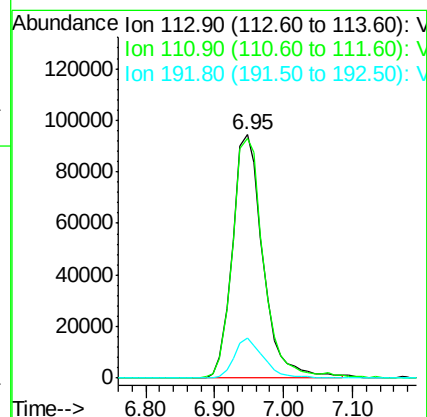
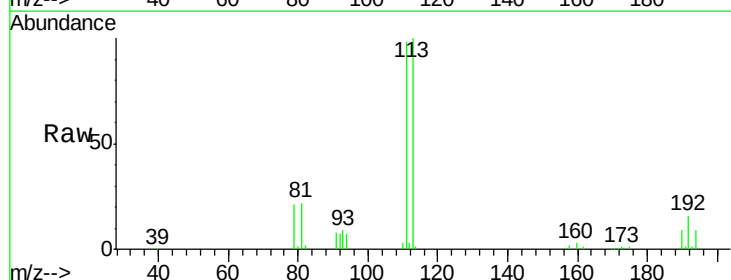
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS016-0612-01

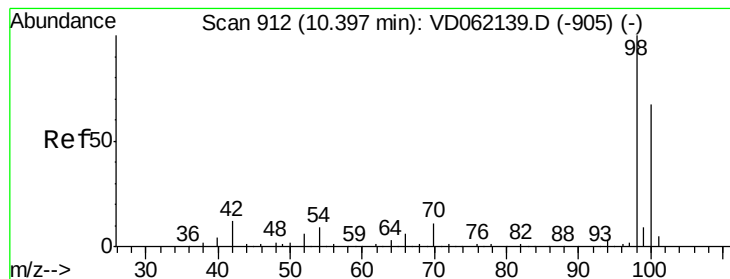
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	32.4
88	19.3	0.0	33.6



#35
 Dibromofluoromethane
 Concen: 45.584 ug/l
 RT: 6.95 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD062332.D
 Acq: 14 May 2019 5:16

Tgt Ion	Ratio	Lower	Upper
113	100		
111	98.4	78.5	117.7
192	16.4	13.0	19.4





#50

Toluene-d8

Concen: 30.438 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD062332.D

Acq: 14 May 2019 5:16

Instrument :

MSVOA_D

ClientSampleId :

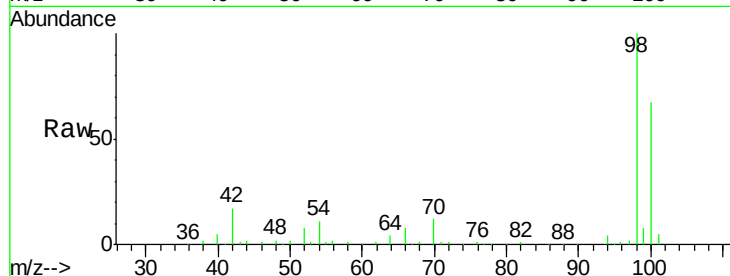
P026-SS016-0612-01

Tot Ion: 98 Resp: 465455

Ion Ratio Lower Upper

98 100

100 66.7 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD062139.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD062139.D (-905) (-)

10.42

200000

150000

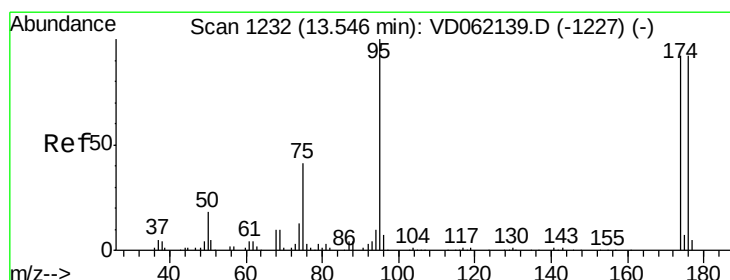
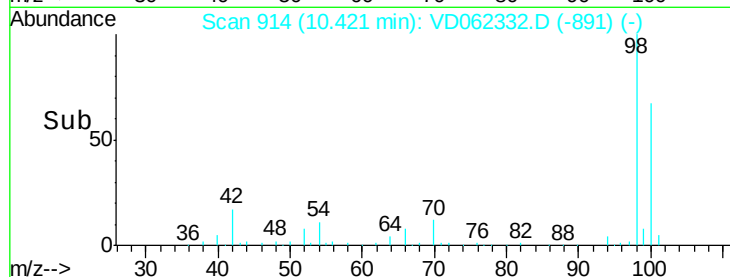
100000

50000

0

10.40 10.60

Time-->



#62

4-Bromofluorobenzene

Concen: 29.483 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062332.D

Acq: 14 May 2019 5:16

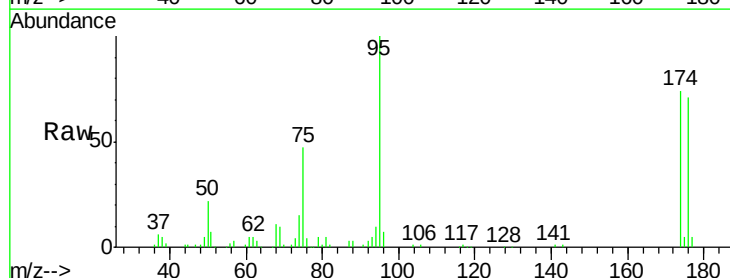
Tgt Ion: 95 Resp: 181042

Ion Ratio Lower Upper

95 100

174 74.3 0.0 181.8

176 71.2 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD062139.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD062139.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD062139.D (-1227) (-)

13.56

150000

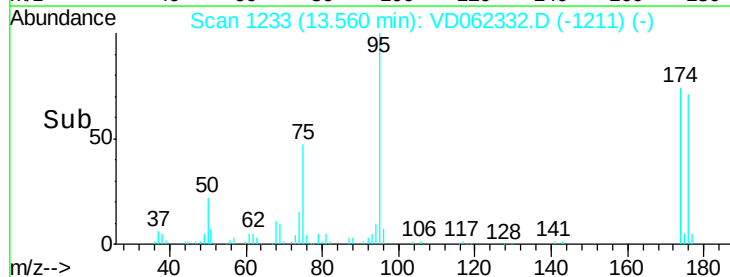
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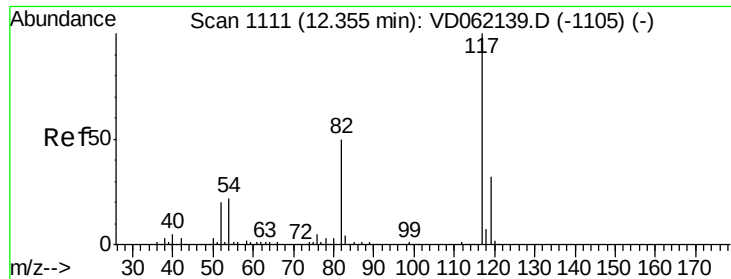
50000

0

13.50 13.60

Time-->

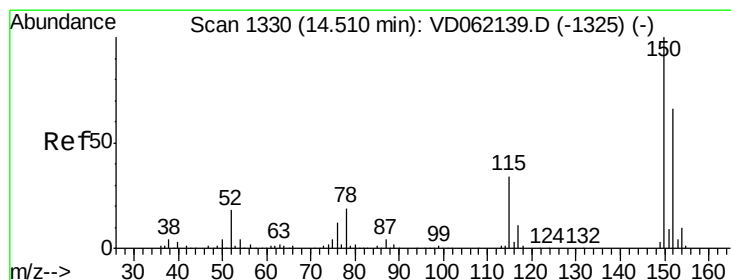
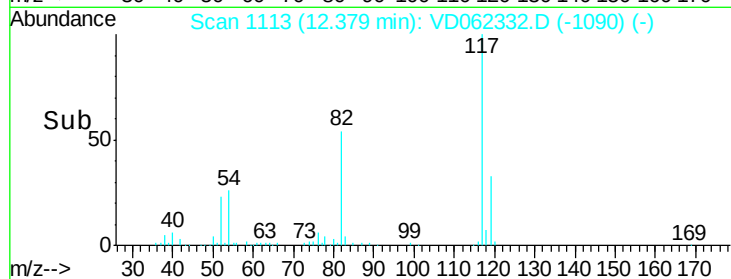
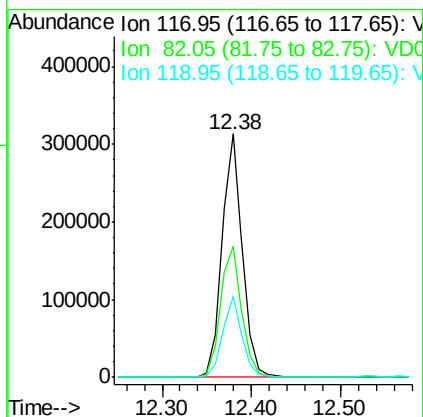
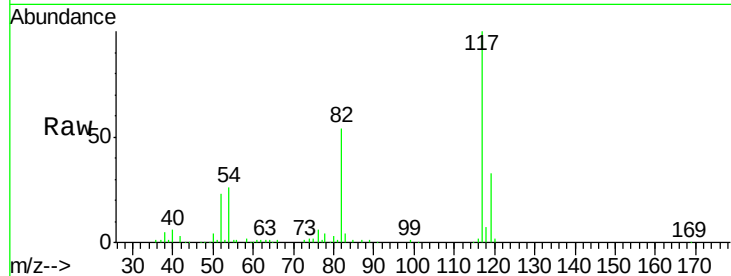




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062332.D
Acq: 14 May 2019 5:16

Instrument :
MSVOA_D
ClientSampleId :
P026-SS016-0612-01

Tot Ion:117 Resp: 503032
Ion Ratio Lower Upper
117 100
82 53.6 36.2 54.2
119 33.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062332.D
Acq: 14 May 2019 5:16

Tgt Ion:152 Resp: 180873
Ion Ratio Lower Upper
152 100
115 63.5 30.9 92.7
150 160.2 0.0 314.8

