

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051419\
 Data File : VD062366.D
 Acq On : 15 May 2019 1:42
 Operator : FY/SY
 Sample : K2756-12RE
 Misc : 5.92g/5mL/MSVOA_D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS007-0206-01RE

Quant Time: May 15 03:46:24 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	39743	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.23	114	69736	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	66447	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	30826	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	54196	146.74	ug/l	0.03
Spiked Amount 50.000			Recovery	=	293.48%	
35) Dibromofluoromethane	6.94	113	39877	68.92	ug/l	0.04
Spiked Amount 50.000			Recovery	=	137.84%	
50) Toluene-d8	10.42	98	53692	38.49	ug/l	0.02
Spiked Amount 50.000			Recovery	=	76.98%	
62) 4-Bromofluorobenzene	13.56	95	26680	47.63	ug/l	0.01
Spiked Amount 50.000			Recovery	=	95.26%	

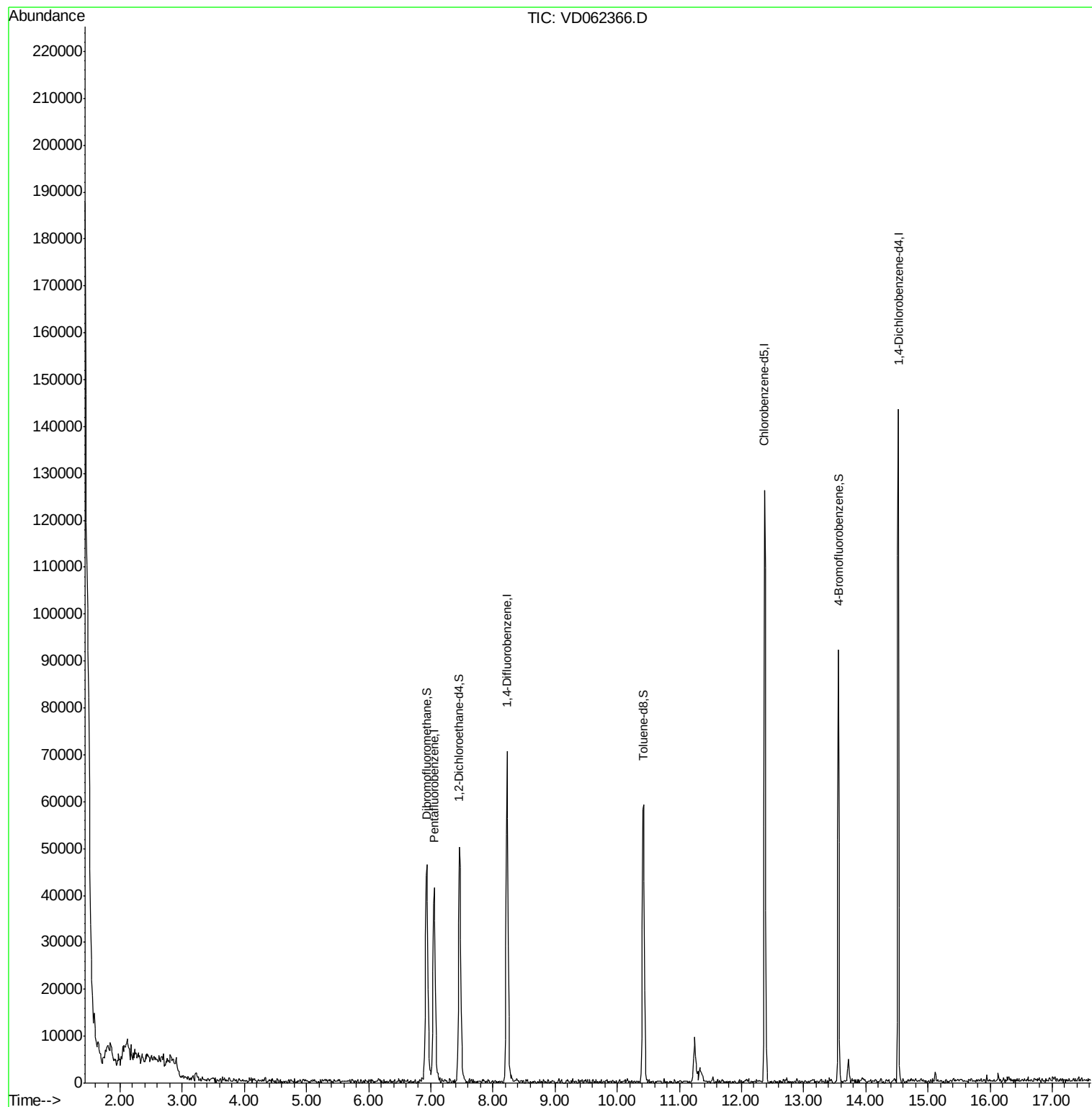
Target Compounds	Qvalue
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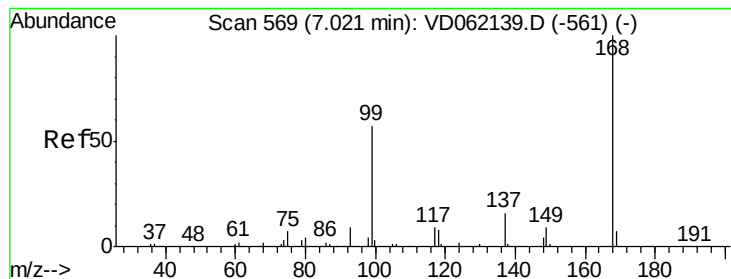
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.03 min

Lab File: VD062366.D

Acq: 15 May 2019 1:42

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MSVOA_D

ClientSampleId :

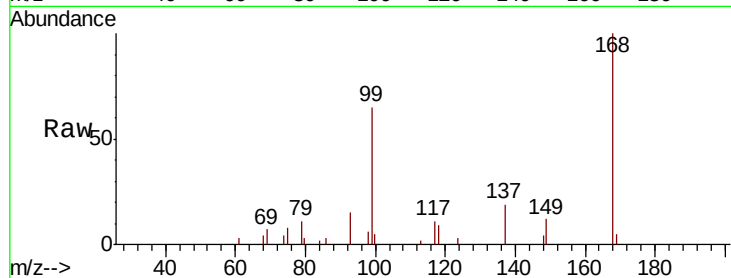
P021-SS007-0206-01RE

Tgt Ion:168 Resp: 39743

Ion Ratio Lower Upper

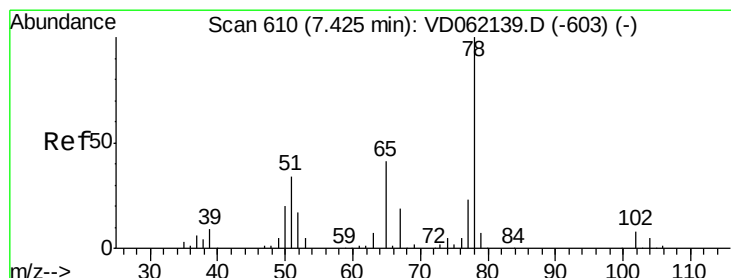
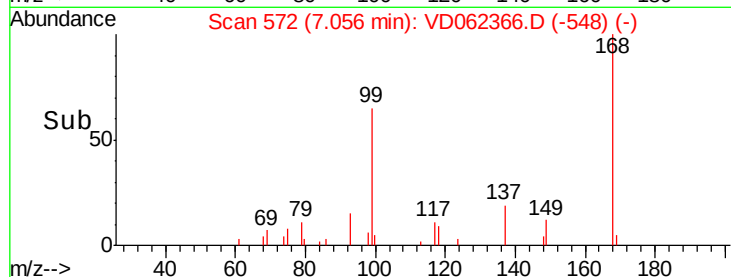
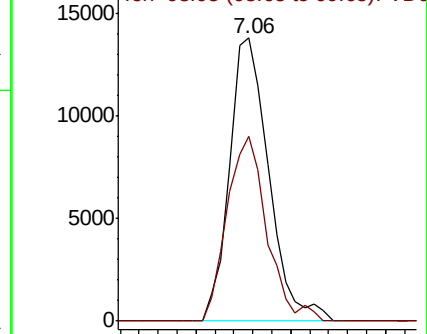
168 100

99 65.4 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: 146.739 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.03 min

Lab File: VD062366.D

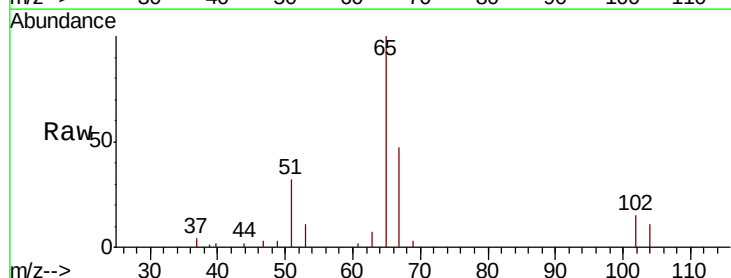
Acq: 15 May 2019 1:42

Tgt Ion: 65 Resp: 54196

Ion Ratio Lower Upper

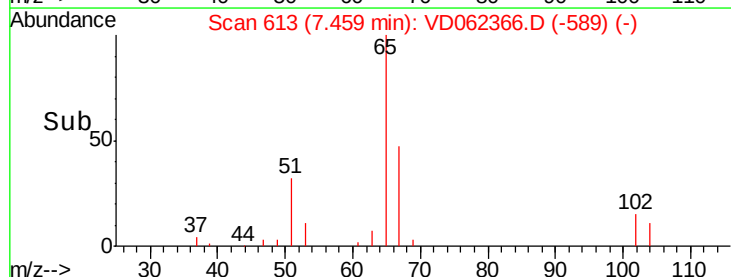
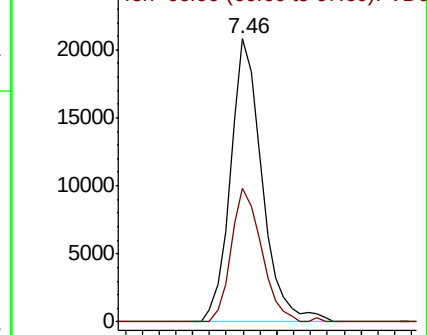
65 100

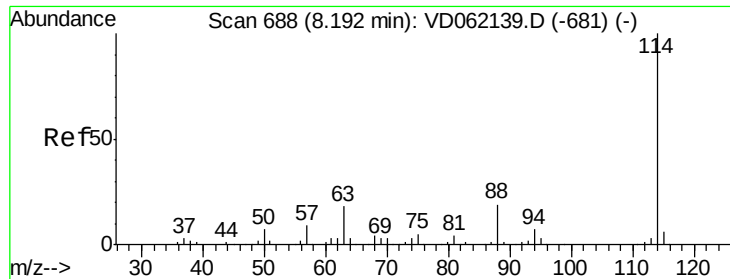
67 47.1 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

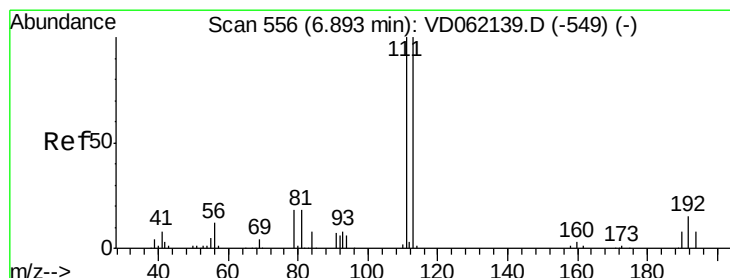
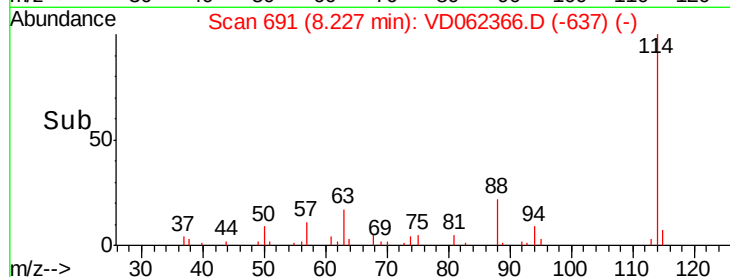
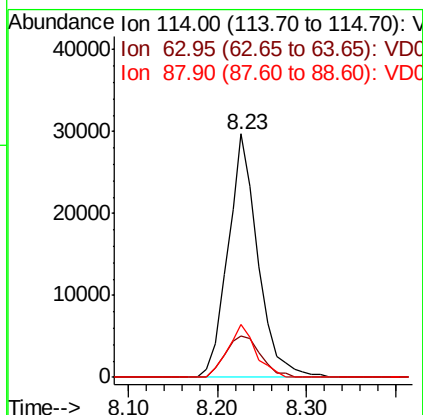
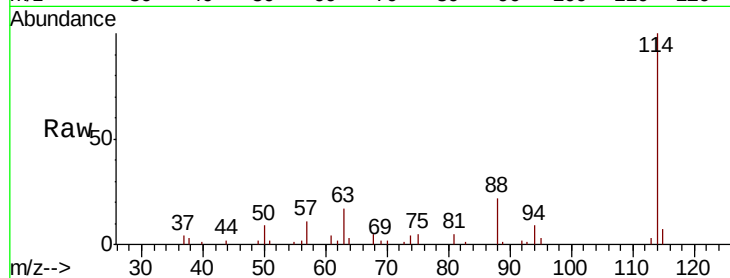




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.03 min
 Lab File: VD062366.D
 Acq: 15 May 2019 1:42

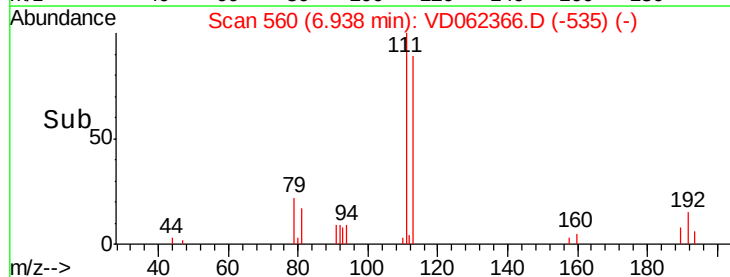
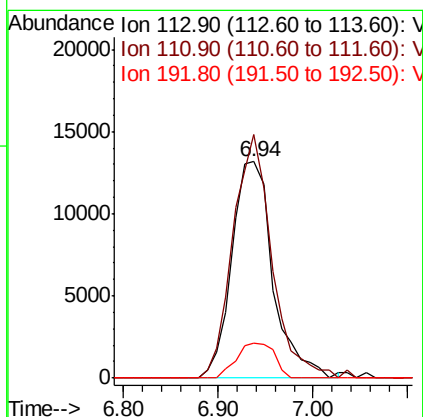
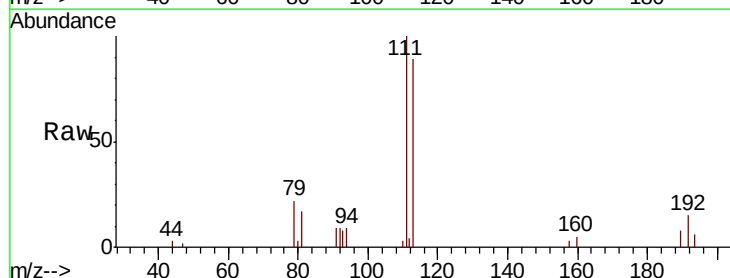
Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS007-0206-01RE

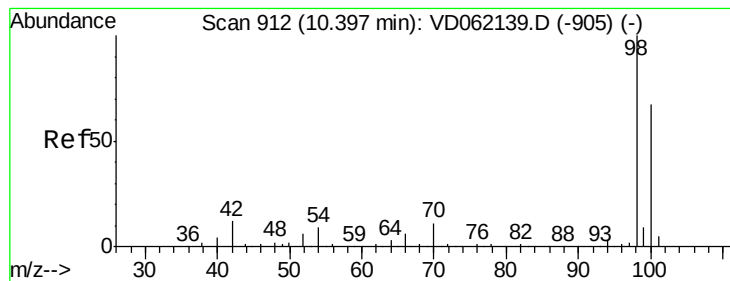
Tgt Ion:	114	Resp:	69736
Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	32.4
88	21.9	0.0	33.6



#35
 Dibromofluoromethane
 Concen: 68.919 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.04 min
 Lab File: VD062366.D
 Acq: 15 May 2019 1:42

Tgt Ion:	113	Resp:	39877
Ion	Ratio	Lower	Upper
113	100		
111	112.5	78.5	117.7
192	16.4	13.0	19.4





#50

Toluene-d8

Concen: 38.487 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD062366.D

Acq: 15 May 2019 1:42

Instrument :

MSVOA_D

ClientSampleId :

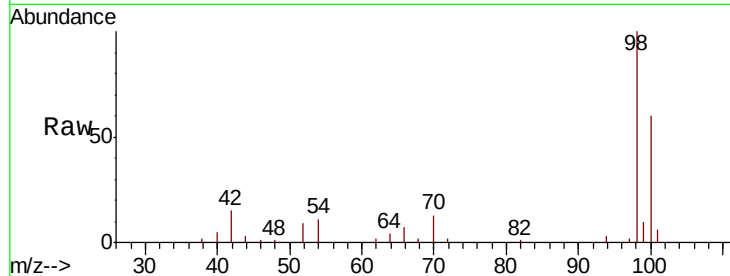
P021-SS007-0206-01RE

Tgt Ion: 98 Resp: 53692

Ion Ratio Lower Upper

98 100

100 59.9 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD062366.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD062366.D (-905) (-)

10.42

25000

20000

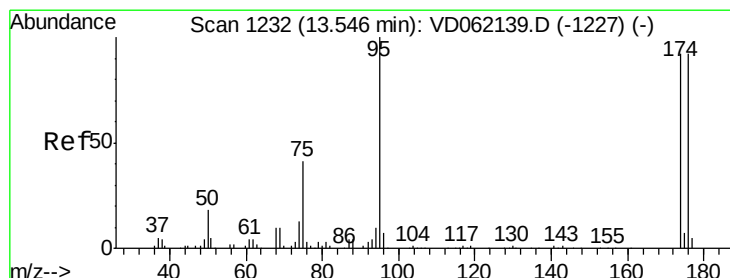
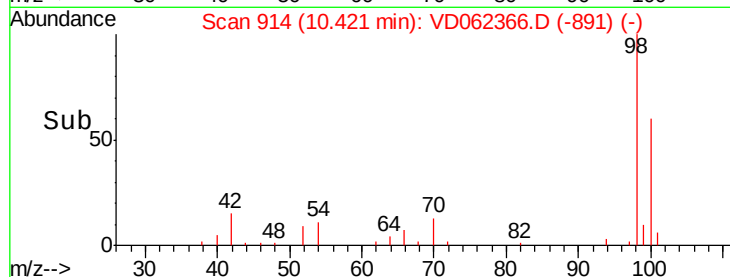
15000

10000

5000

0

Time--> 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 47.625 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062366.D

Acq: 15 May 2019 1:42

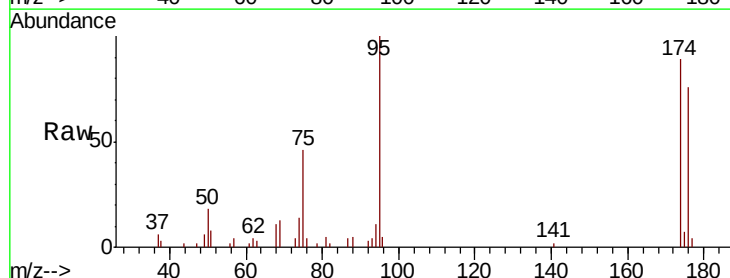
Tgt Ion: 95 Resp: 26680

Ion Ratio Lower Upper

95 100

174 88.7 0.0 181.8

176 76.1 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD062366.D (-1211) (-)

Ion 173.90 (173.60 to 174.60): VD062366.D (-1211) (-)

Ion 175.90 (175.60 to 176.60): VD062366.D (-1211) (-)

13.56

25000

20000

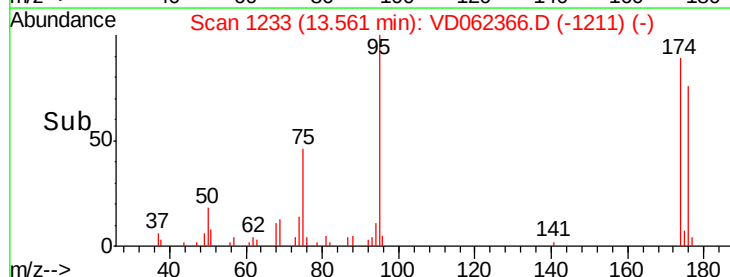
15000

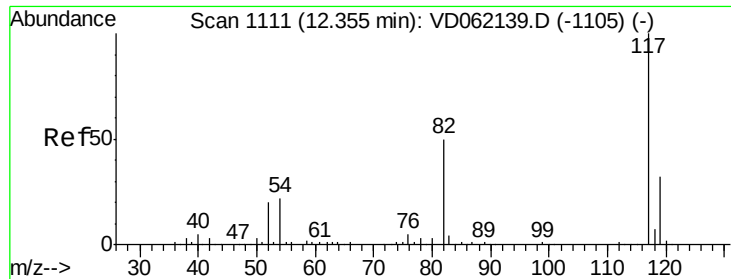
10000

5000

0

Time--> 13.50 13.55 13.60

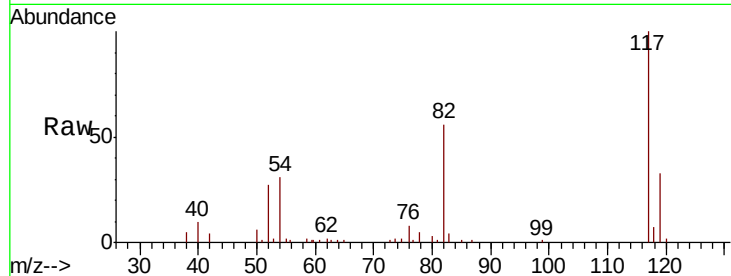




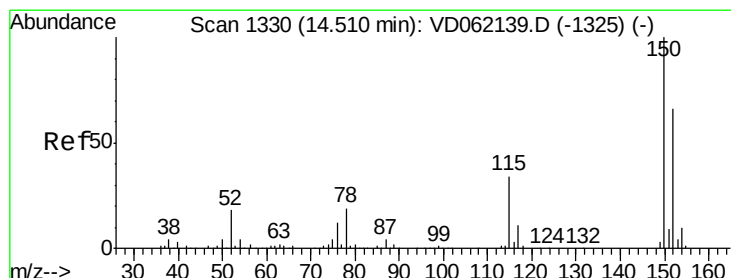
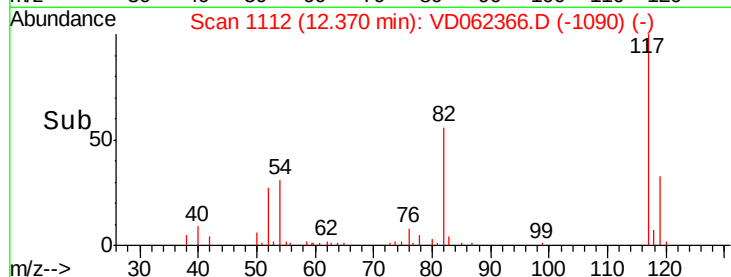
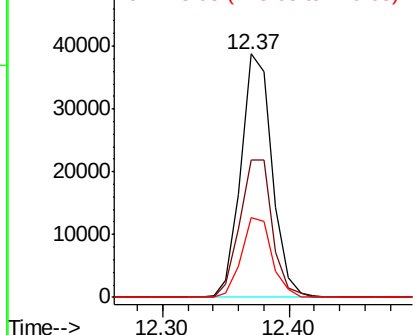
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062366.D
Acq: 15 May 2019 1:42

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:117 Resp: 66447
Ion Ratio Lower Upper
117 100
82 56.2 36.2 54.2#
119 32.8 26.2 39.4

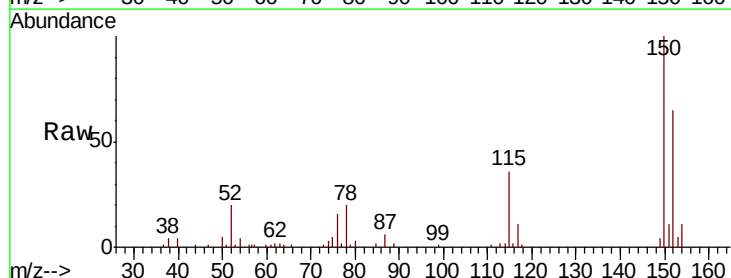


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062366.D
Acq: 15 May 2019 1:42

Tgt Ion:152 Resp: 30826
Ion Ratio Lower Upper
152 100
115 55.6 30.9 92.7
150 153.3 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

