

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051419\
 Data File : VD062373.D
 Acq On : 15 May 2019 4:55
 Operator : FY/SY
 Sample : K2735-16RE
 Misc : 2.84g/5mL/MSVOA_D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS017-1218-01RE

Quant Time: May 15 06:39:49 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	525962	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	722157	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.37	117	535563	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	255602	50.00	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	251029	51.36	ug/l	0.05
Spiked Amount	50.000		Recovery	=	102.72%	
35) Dibromofluoromethane	6.94	113	291203	48.60	ug/l	0.05
Spiked Amount	50.000		Recovery	=	97.20%	
50) Toluene-d8	10.43	98	410997	28.45	ug/l	0.03
Spiked Amount	50.000		Recovery	=	56.90%	
62) 4-Bromofluorobenzene	13.56	95	186134	32.09	ug/l	0.02
Spiked Amount	50.000		Recovery	=	64.18%	

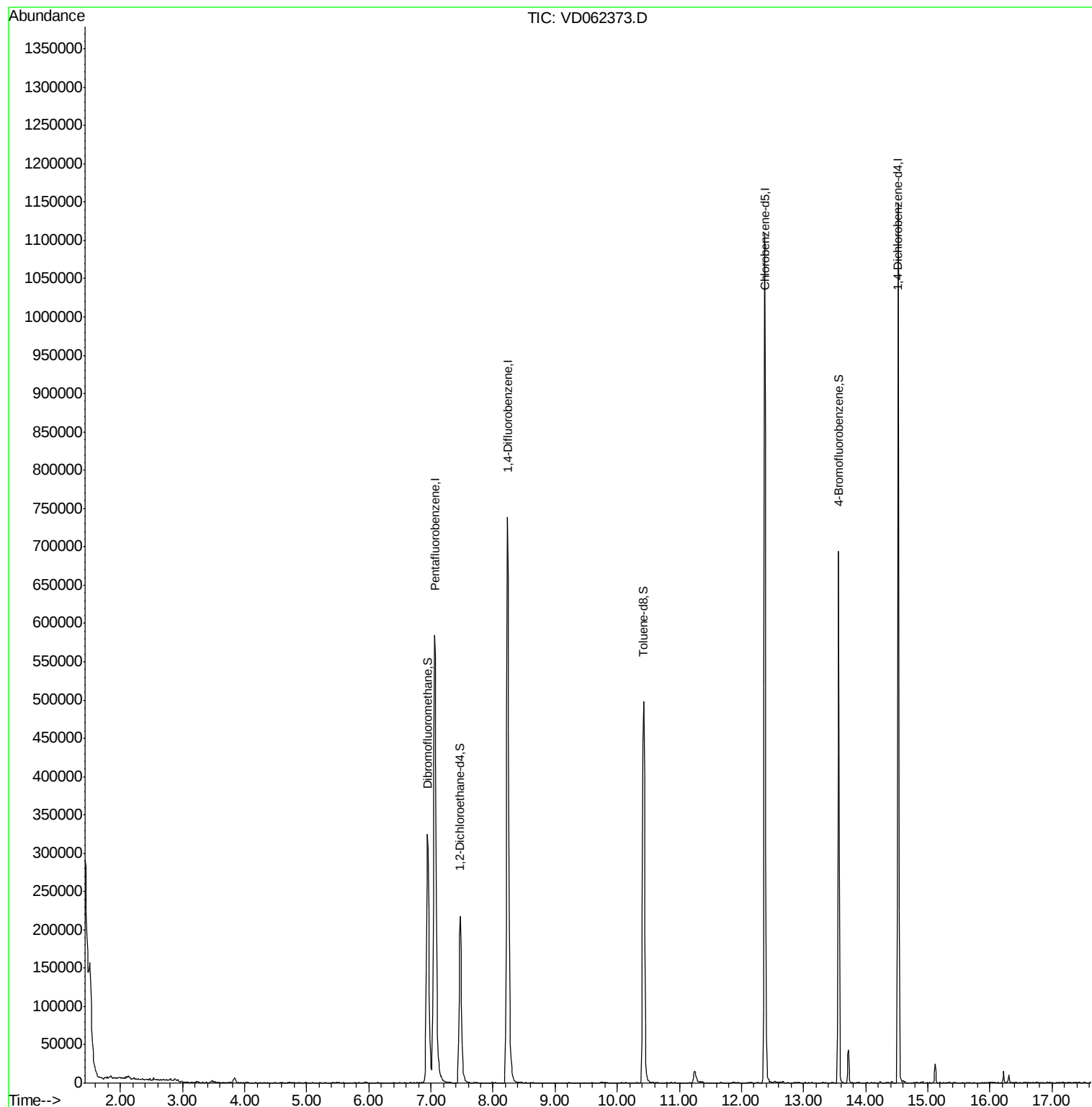
Target Compounds	Qvalue
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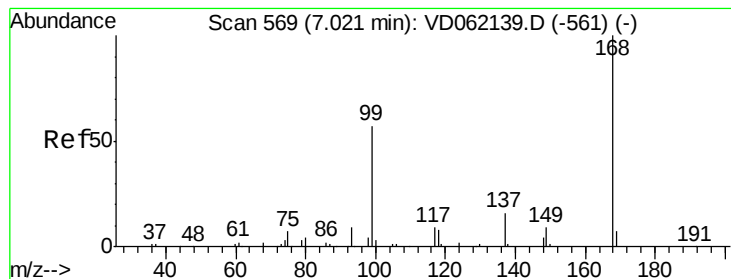
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD062373.D

Acq: 15 May 2019 4:55

Instrument :

MSVOA_D

ClientSampleId :

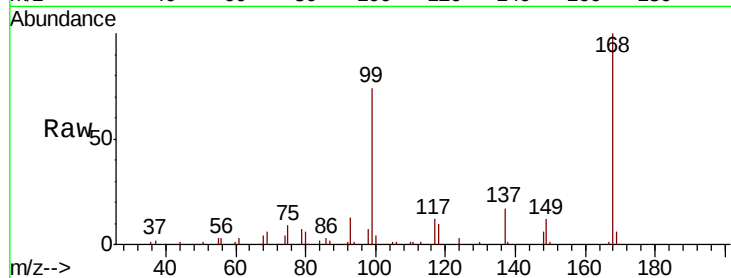
P026-SS017-1218-01RE

Tgt Ion:168 Resp: 525962

Ion Ratio Lower Upper

168 100

99 73.7 46.5 69.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

200000

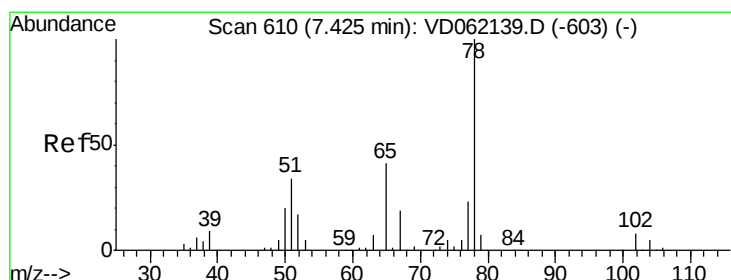
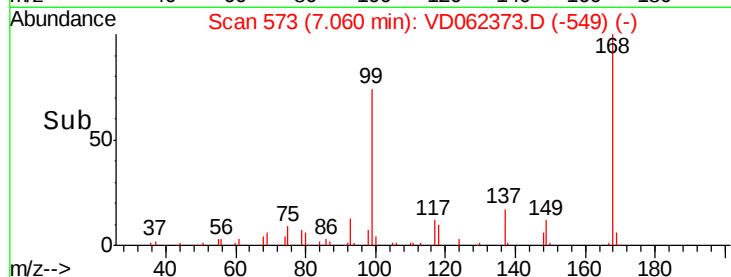
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 51.358 ug/l

RT: 7.47 min Scan# 615

Delta R.T. 0.05 min

Lab File: VD062373.D

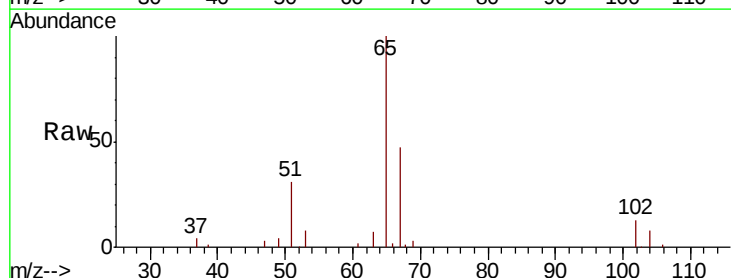
Acq: 15 May 2019 4:55

Tgt Ion: 65 Resp: 251029

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

7.47

100000

80000

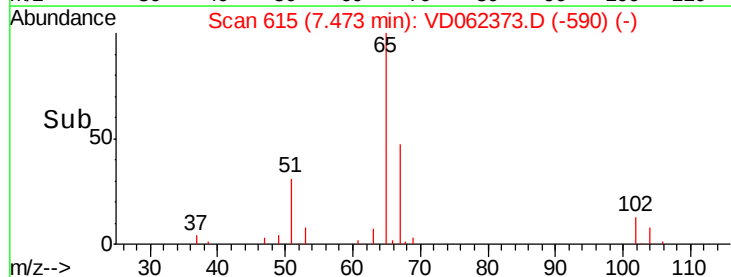
60000

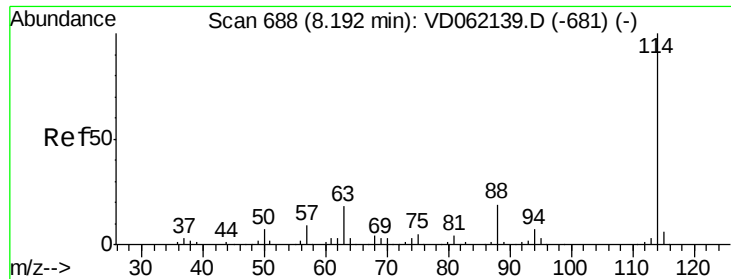
40000

20000

0

Time--> 7.30 7.40 7.50 7.60 7.70

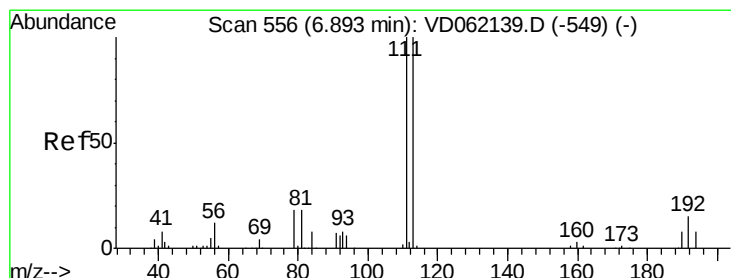
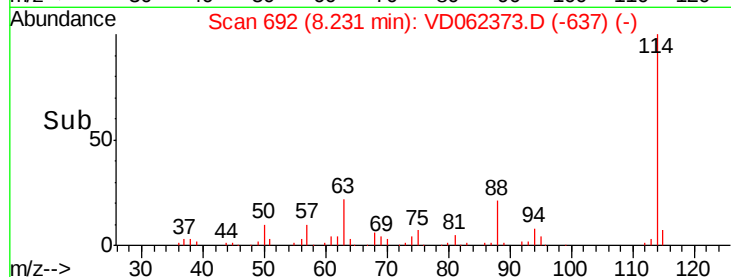
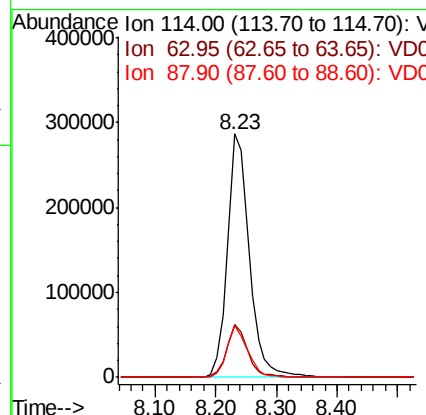
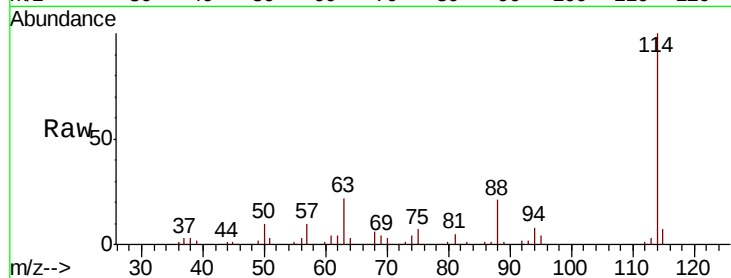




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.04 min
 Lab File: VD062373.D
 Acq: 15 May 2019 4:55

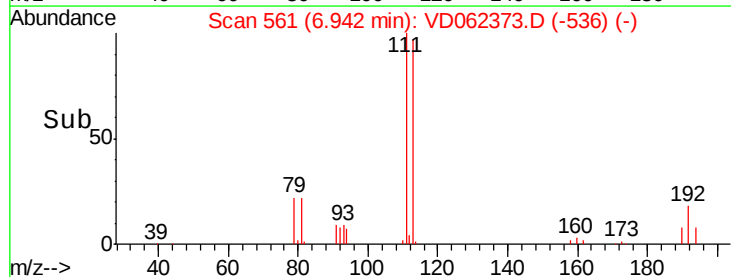
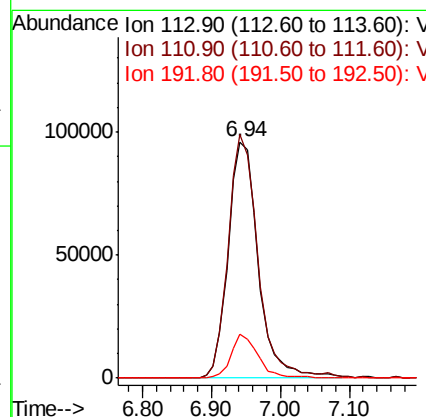
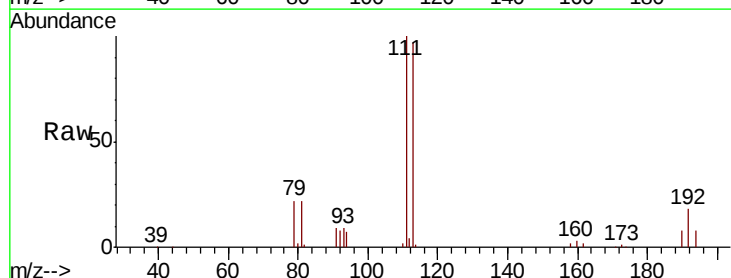
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS017-1218-01RE

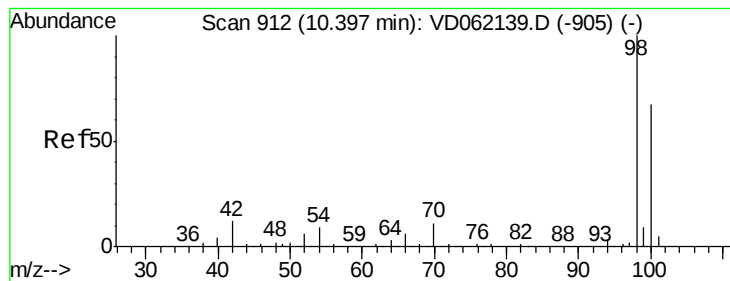
Tgt Ion:114 Resp: 722157
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 32.4
 88 21.2 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 48.600 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD062373.D
 Acq: 15 May 2019 4:55

Tgt Ion:113 Resp: 291203
 Ion Ratio Lower Upper
 113 100
 111 103.0 78.5 117.7
 192 18.5 13.0 19.4





#50

Toluene-d8

Concen: 28.449 ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD062373.D

Acq: 15 May 2019 4:55

Instrument :

MSVOA_D

ClientSampleId :

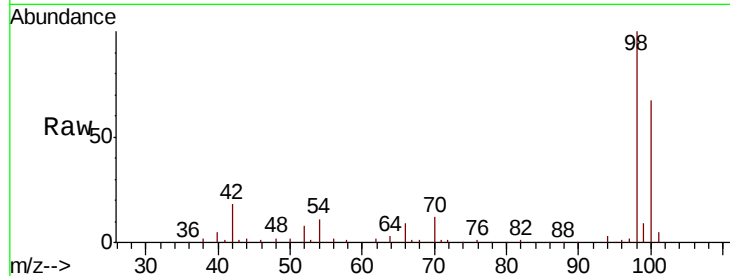
P026-SS017-1218-01RE

Tgt Ion: 98 Resp: 410997

Ion Ratio Lower Upper

98 100

100 66.8 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

10.43

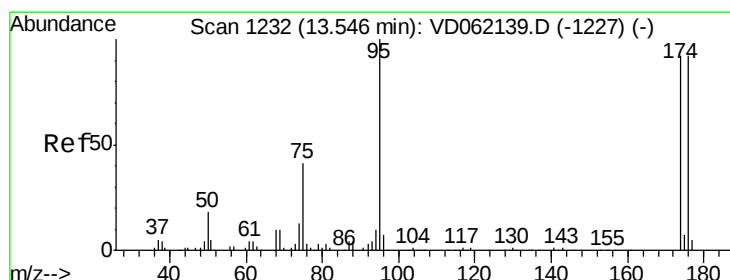
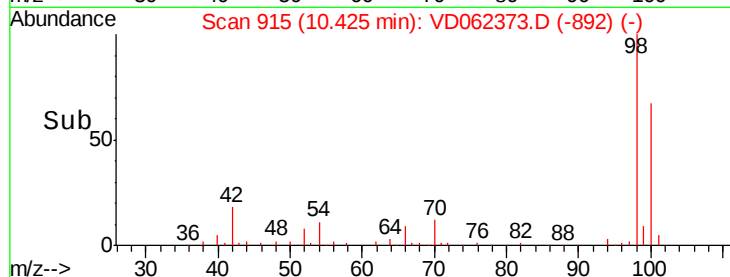
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 32.085 ug/l

RT: 13.56 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD062373.D

Acq: 15 May 2019 4:55

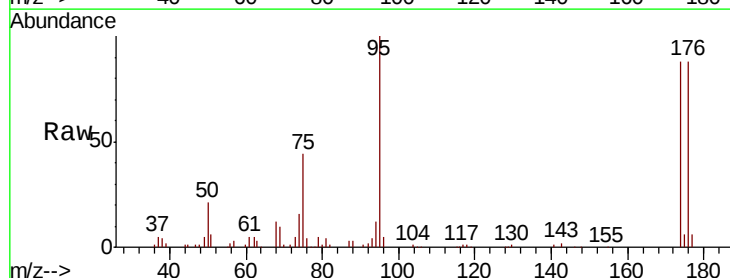
Tgt Ion: 95 Resp: 186134

Ion Ratio Lower Upper

95 100

174 87.7 0.0 181.8

176 88.1 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

13.56

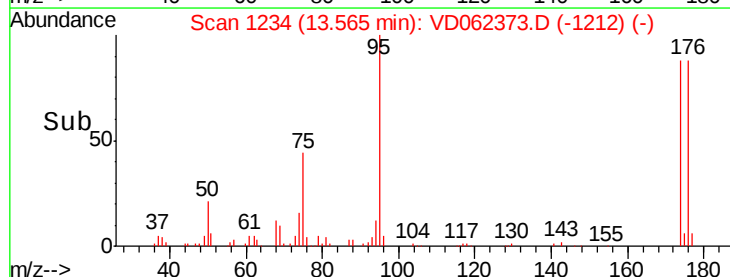
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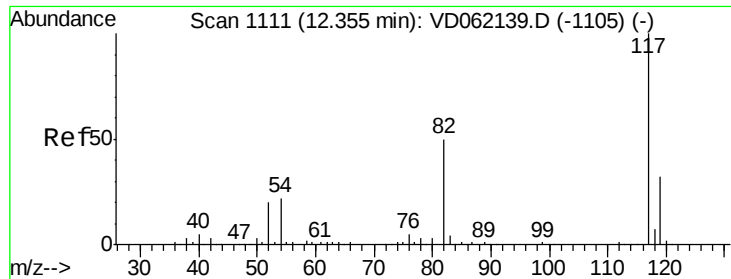
100000

50000

0

Time-->

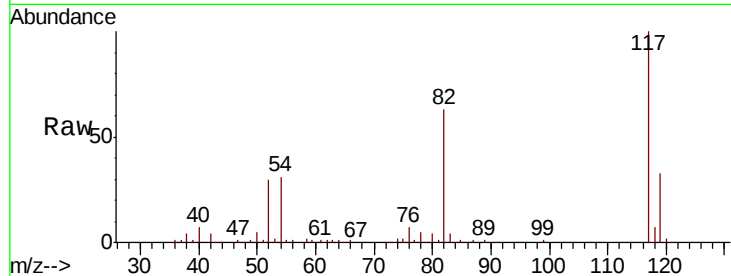




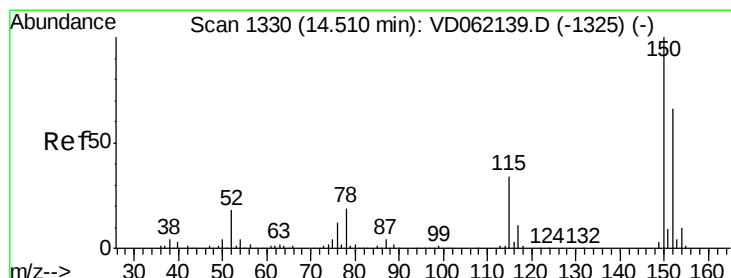
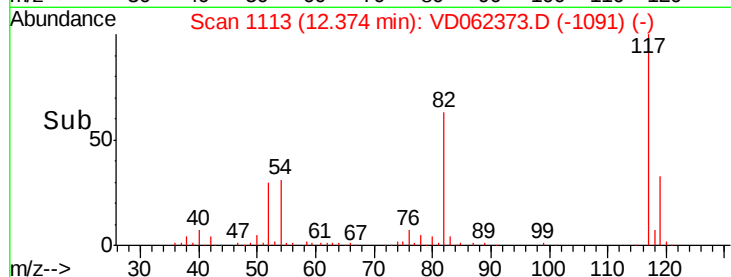
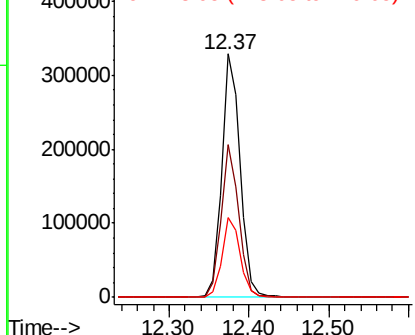
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062373.D
Acq: 15 May 2019 4:55

Instrument :
MSVOA_D
ClientSampleId :
P026-SS017-1218-01RE

Tgt Ion:117 Resp: 535563
Ion Ratio Lower Upper
117 100
82 62.9 36.2 54.2#
119 32.9 26.2 39.4

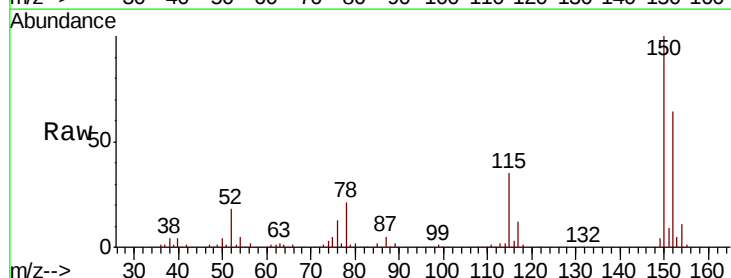


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1332
Delta R.T. 0.02 min
Lab File: VD062373.D
Acq: 15 May 2019 4:55

Tgt Ion:152 Resp: 255602
Ion Ratio Lower Upper
152 100
115 54.8 30.9 92.7
150 157.1 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

