

Data File : VD062249.D
Acq On : 11 May 2019 20:40
Operator : FY/SY
Sample : K2719-06
Misc : 5.07g/5mL/MSVOA_D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P026-SS008-1218-01

Quant Time: May 12 09:46:20 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	59195	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	116472	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.36	117	102801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	59255	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	84726	154.02	ug/l	0.03
Spiked Amount	50.000		Recovery	=	308.04%	
35) Dibromofluoromethane	6.93	113	67281	69.62	ug/l	0.04
Spiked Amount	50.000		Recovery	=	139.24%	
50) Toluene-d8	10.41	98	90891	39.01	ug/l	0.02
Spiked Amount	50.000		Recovery	=	78.02%	
62) 4-Bromofluorobenzene	13.55	95	49356	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	

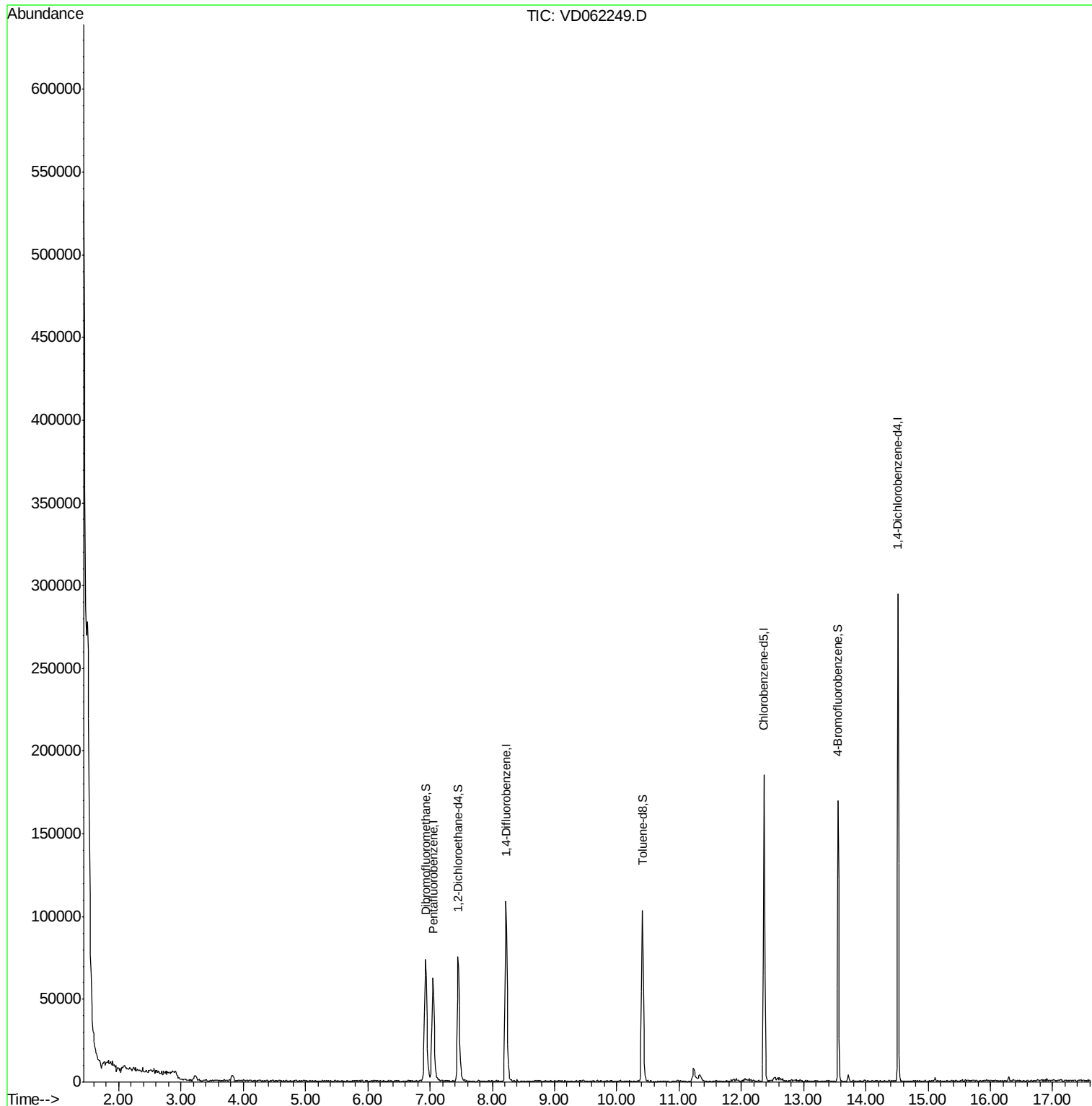
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.03 min

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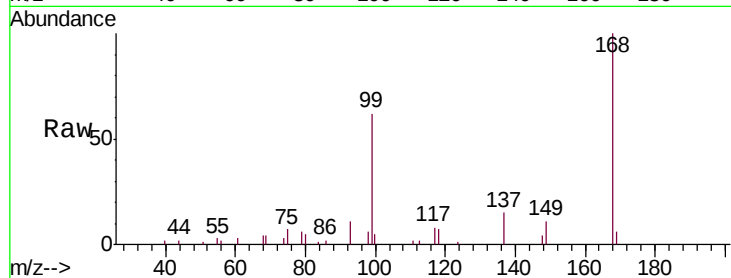
P026-SS008-1218-01

Tgt Ion:168 Resp: 59195

Ion Ratio Lower Upper

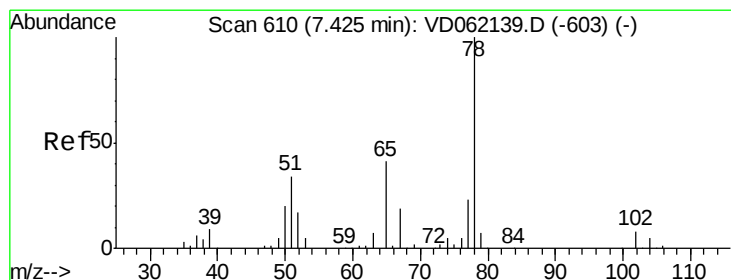
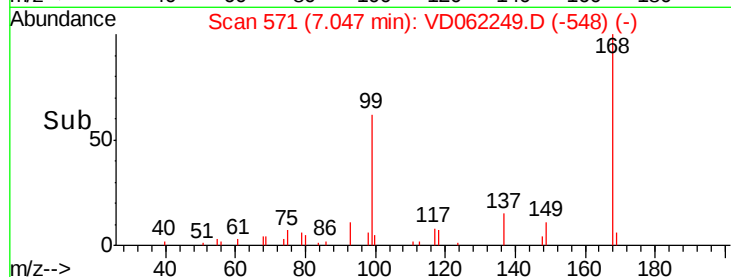
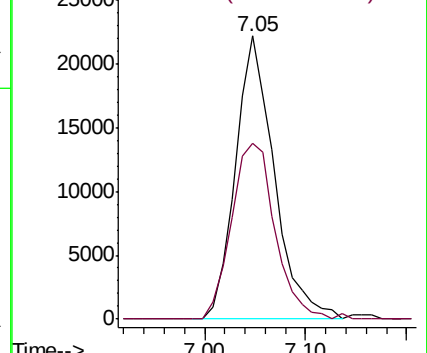
168 100

99 62.2 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: 154.017 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.03 min

Lab File: VD062249.D

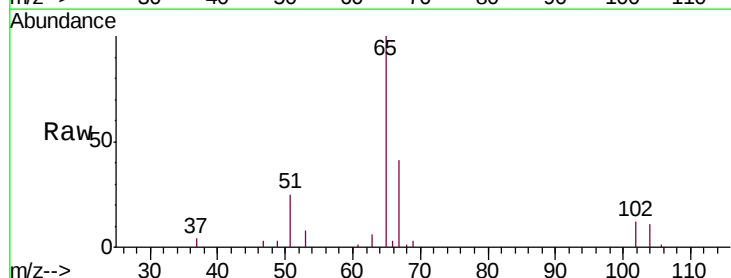
Acq: 11 May 2019 20:40

Tgt Ion: 65 Resp: 84726

Ion Ratio Lower Upper

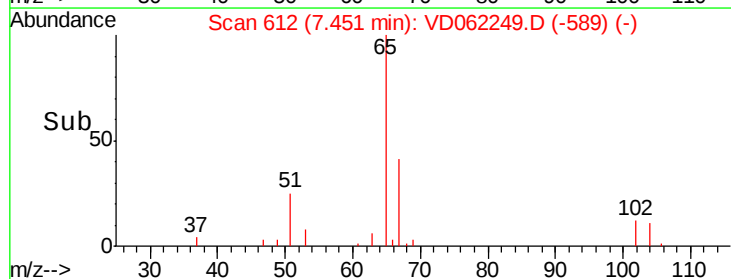
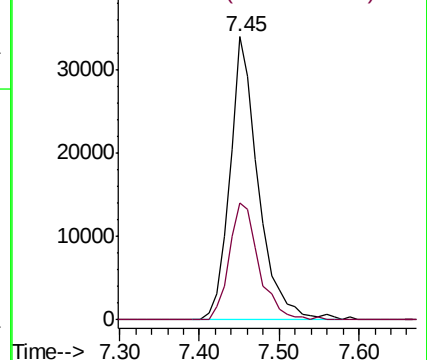
65 100

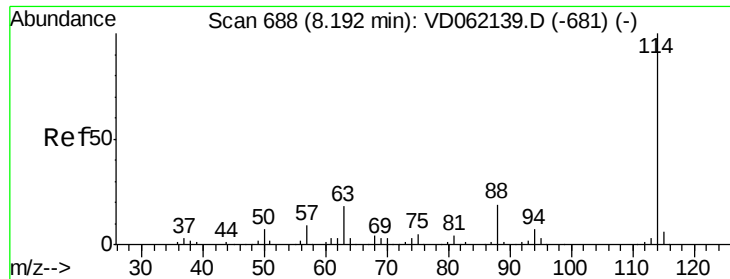
67 41.3 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

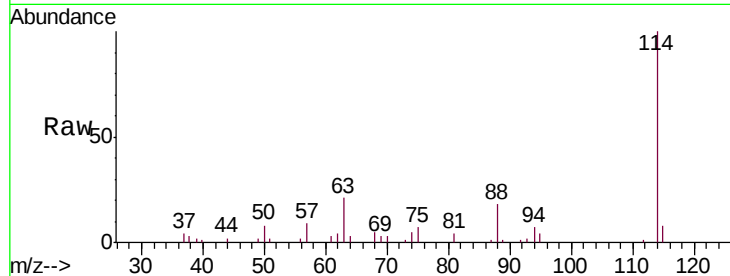




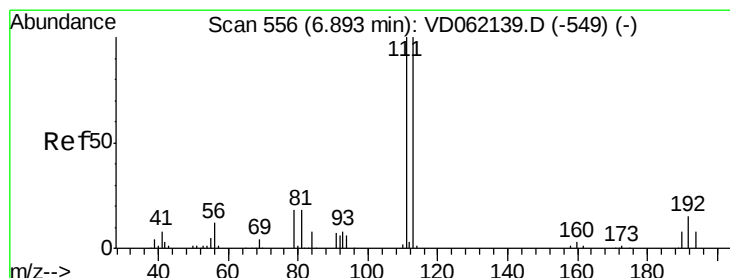
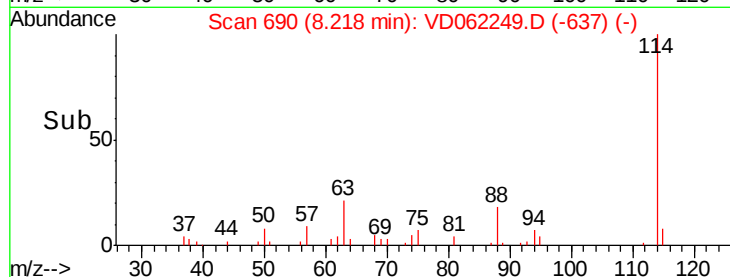
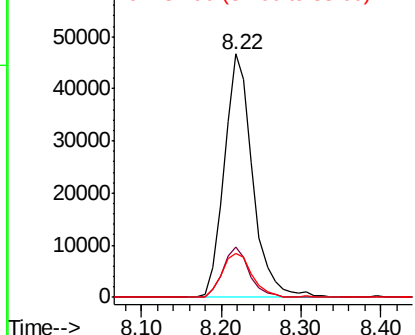
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.03 min
 Lab File: VD062249.D
 Acq: 11 May 2019 20:40

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS008-1218-01

Tgt Ion:114 Resp: 116472
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 32.4
 88 18.3 0.0 33.6

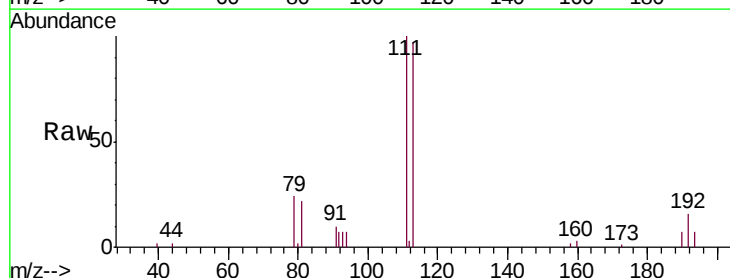


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

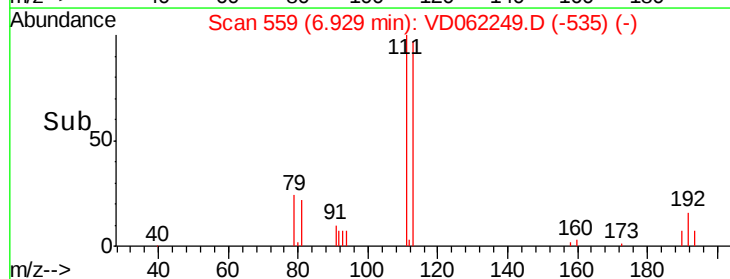
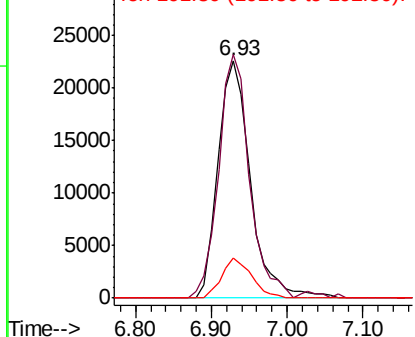


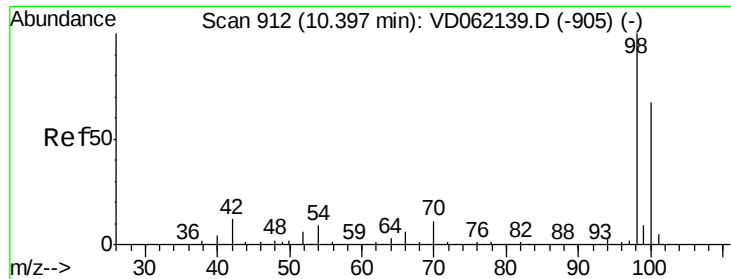
#35
 Dibromofluoromethane
 Concen: 69.622 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.04 min
 Lab File: VD062249.D
 Acq: 11 May 2019 20:40

Tgt Ion:113 Resp: 67281
 Ion Ratio Lower Upper
 113 100
 111 102.7 78.5 117.7
 192 16.7 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: 39.009 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.02 min

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Acq: 11 May 2019 20:40

Instrument :

MSVOA_D

ClientSampleId :

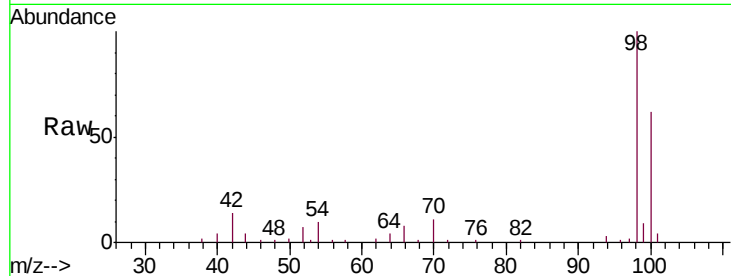
P026-SS008-1218-01

Tgt Ion: 98 Resp: 90891

Ion Ratio Lower Upper

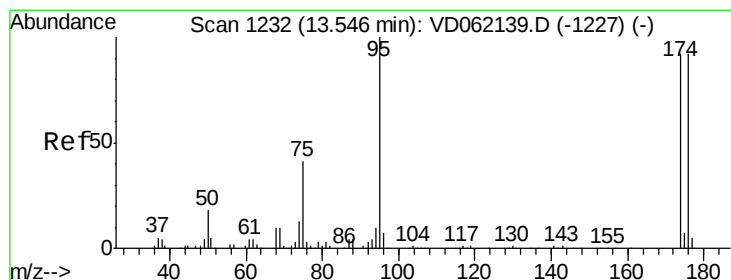
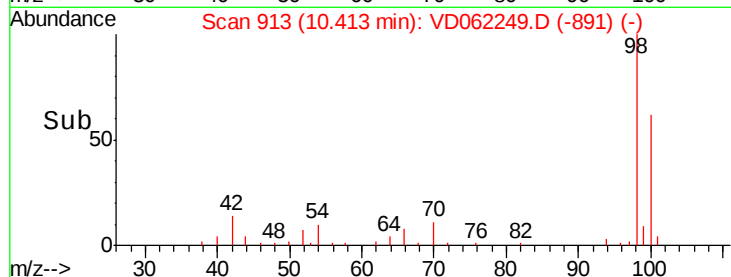
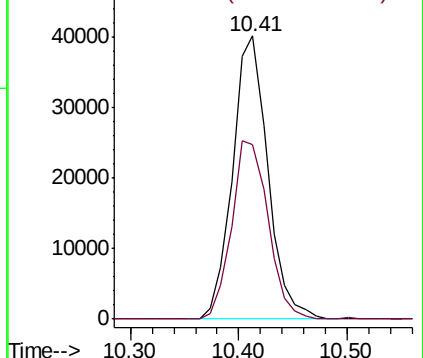
98 100

100 61.7 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: 52.750 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD062249.D

Acq: 11 May 2019 20:40

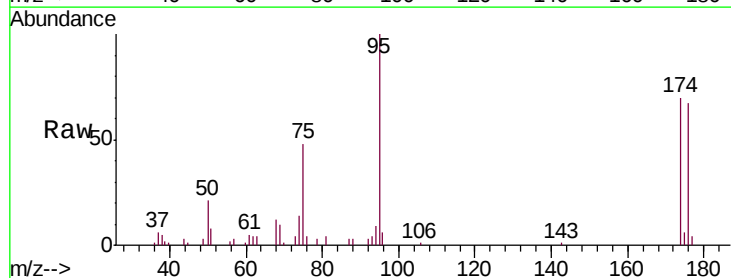
Tgt Ion: 95 Resp: 49356

Ion Ratio Lower Upper

95 100

174 70.3 0.0 181.8

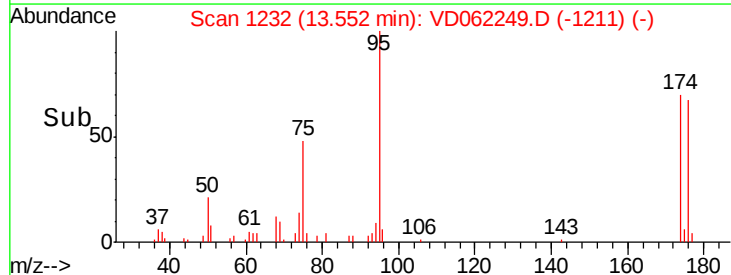
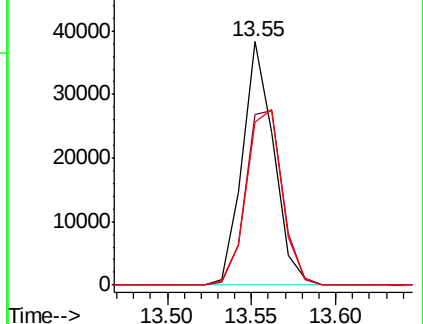
176 66.7 0.0 174.4

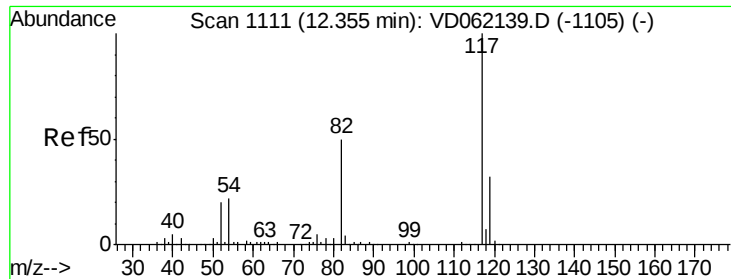


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.36 min Scan# 1111

Delta R.T. 0.01 min

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Acq: 11 May 2019 20:40

Instrument :

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ClientSampleId :

P026-SS008-1218-01

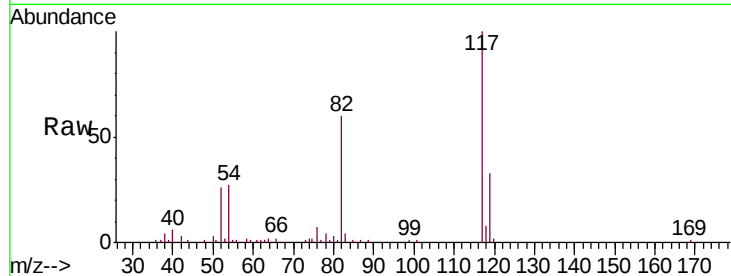
Tgt Ion:117 Resp: 102801

Ion Ratio Lower Upper

117 100

82 59.7 36.2 54.2#

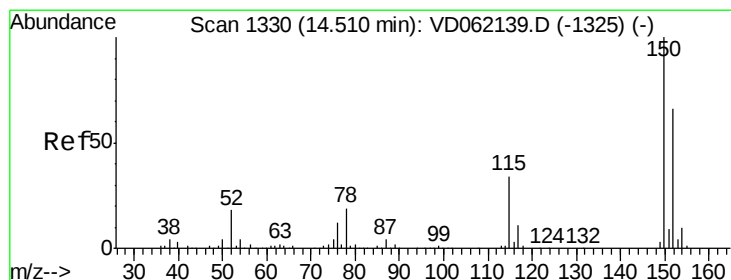
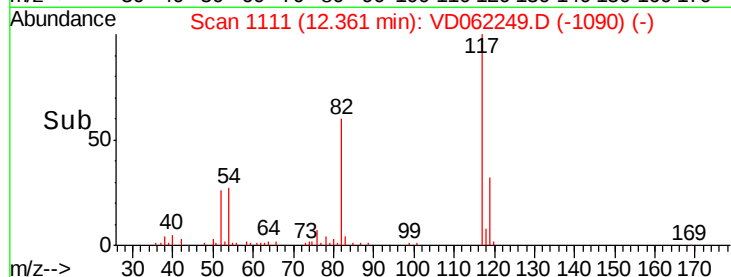
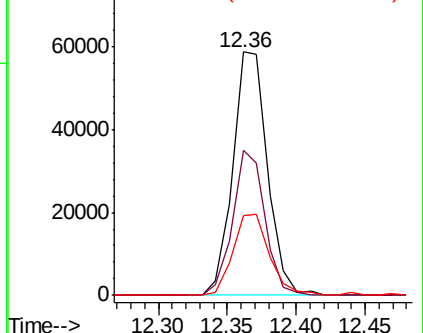
119 32.5 26.2 39.4



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# 1330

Delta R.T. 0.01 min

Lab File: VD062249.D

Acq: 11 May 2019 20:40

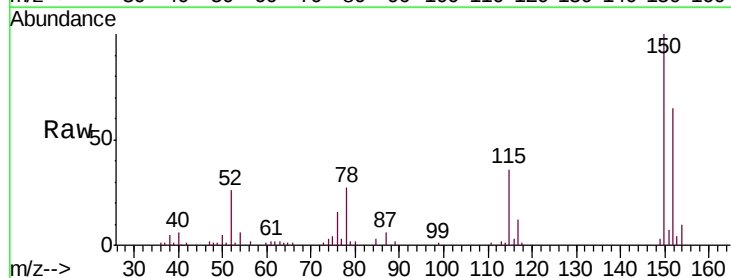
Tgt Ion:152 Resp: 59255

Ion Ratio Lower Upper

152 100

115 54.7 30.9 92.7

150 153.8 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

