

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051019\
 Data File : VD062218.D
 Acq On : 10 May 2019 16:27
 Operator : FY/SY
 Sample : K2717-13RE
 Misc : 5.50g/5mL/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS002-1824-01RE

Quant Time: May 11 00:09:45 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

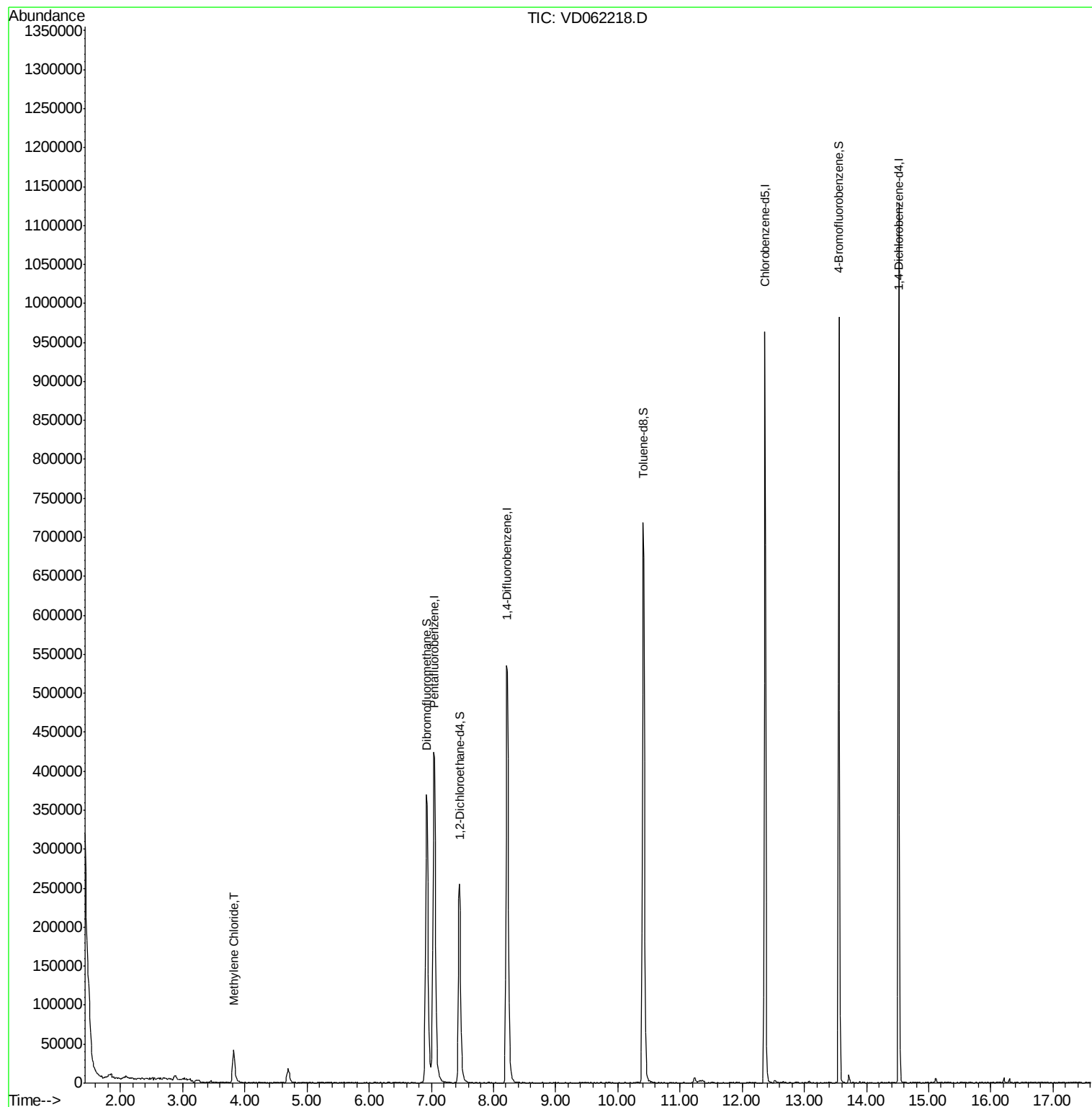
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	419083	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	620636	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.36	117	510194	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	247430	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	297451	76.38	ug/l	0.03
Spiked Amount 50.000			Recovery	=	152.76%	
35) Dibromofluoromethane	6.92	113	337643	65.57	ug/l	0.03
Spiked Amount 50.000			Recovery	=	131.14%	
50) Toluene-d8	10.41	98	619830	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
62) 4-Bromofluorobenzene	13.56	95	264951	53.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.28%	
Target Compounds						
20) Methylene Chloride	3.82	84	28825	8.453	ug/l	Qvalue 91

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.03 min

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Acq: 10 May 2019 16:27

Instrument :

MSVOA_D

ClientSampleId :

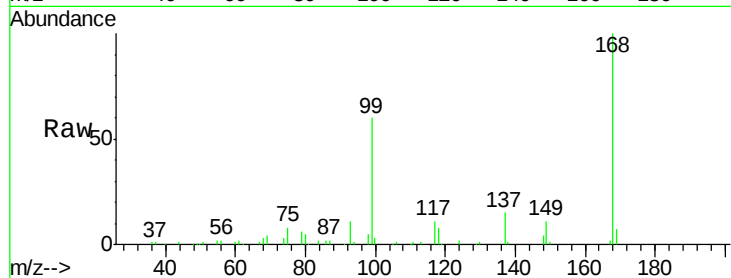
P026-SS002-1824-01RE

Tot Ion:168 Resp: 419083

Ion Ratio Lower Upper

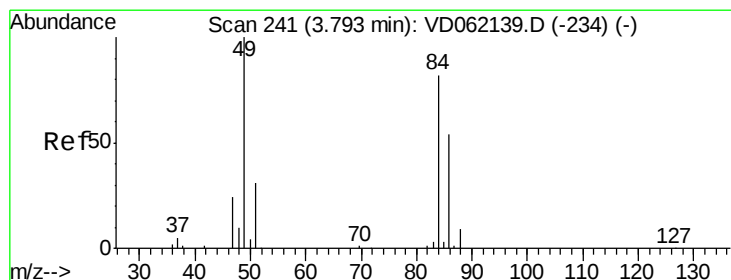
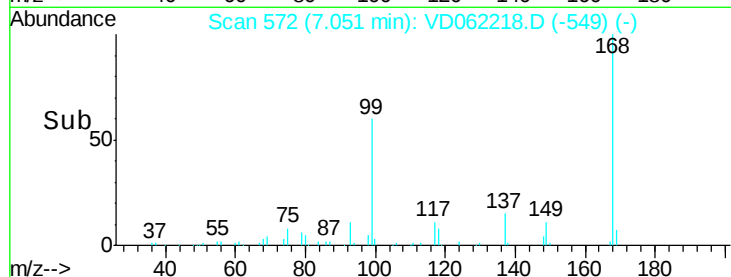
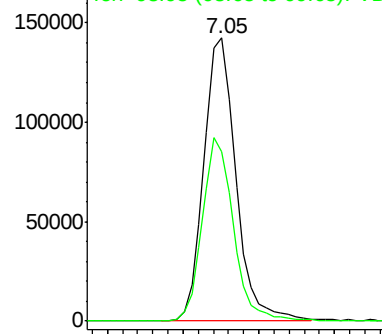
168 100

99 59.7 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 8.453 ug/l

RT: 3.82 min Scan# 244

Delta R.T. 0.03 min

Lab File: VD062218.D

Acq: 10 May 2019 16:27

Tgt Ion: 84 Resp: 28825

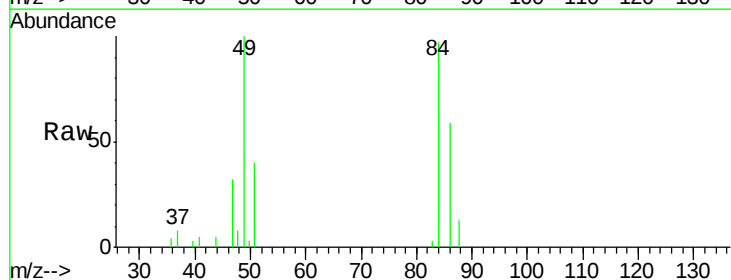
Ion Ratio Lower Upper

84 100

49 103.4 94.0 141.0

51 41.2 29.0 43.4

86 61.2 49.8 74.6

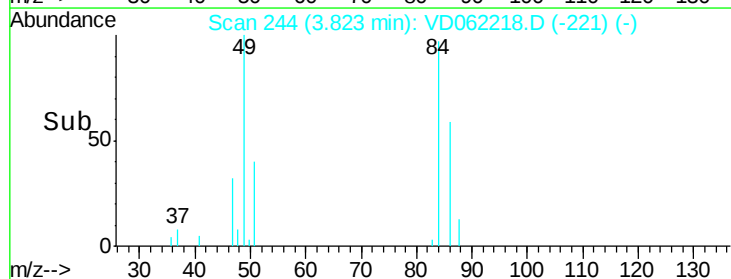
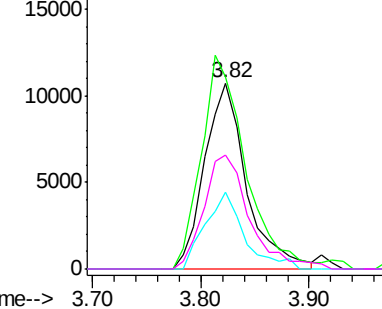


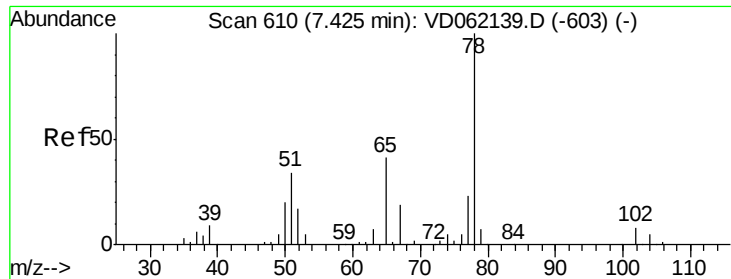
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 76.375 ug/l

RT: 7.45 min Scan# 613

Delta R.T. 0.03 min

Lab File: VD062218.D

Acq: 10 May 2019 16:27

Instrument :

MSVOA_D

ClientSampleId :

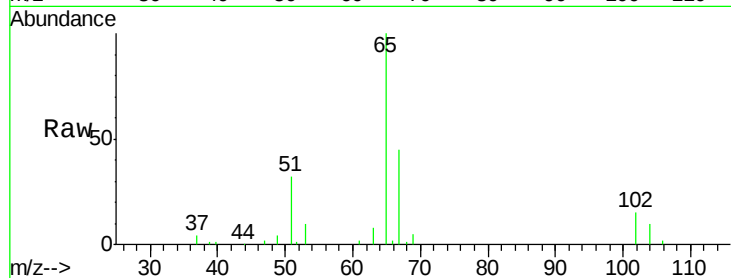
P026-SS002-1824-01RE

Tot Ion: 65 Resp: 297451

Ion Ratio Lower Upper

65 100

67 44.5 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

120000

100000

80000

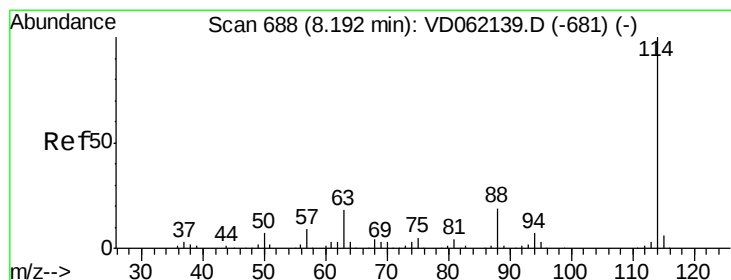
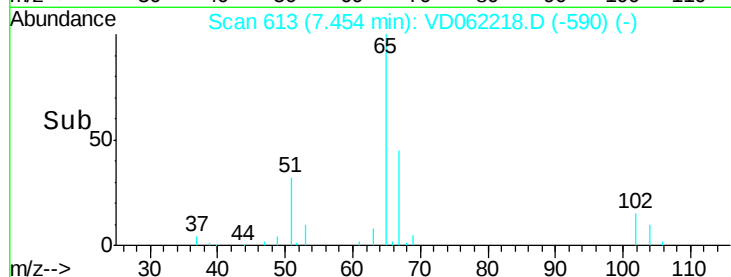
60000

40000

20000

0

Time--> 7.30 7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 691

Delta R.T. 0.03 min

Lab File: VD062218.D

Acq: 10 May 2019 16:27

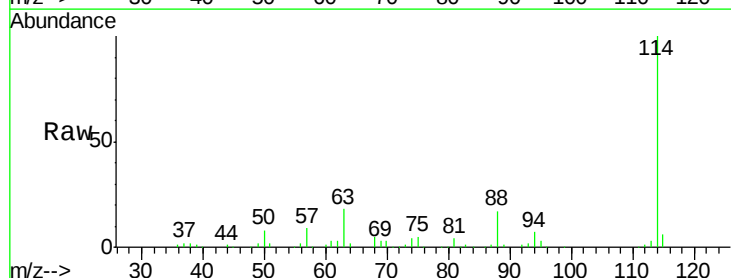
Tgt Ion: 114 Resp: 620636

Ion Ratio Lower Upper

114 100

63 17.9 0.0 32.4

88 17.3 0.0 33.6



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

300000

250000

200000

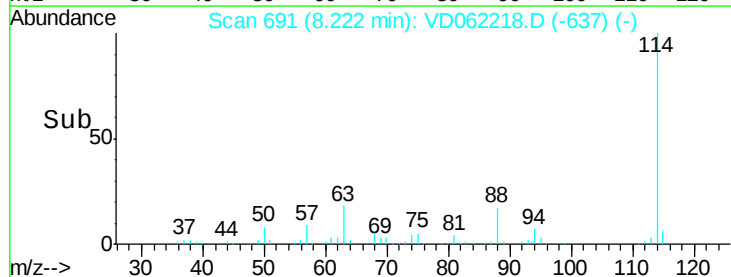
150000

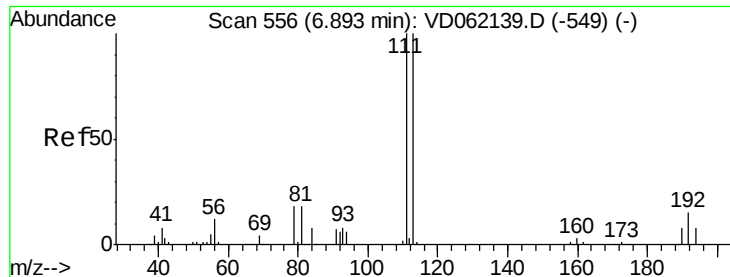
100000

50000

0

Time--> 8.20 8.40





#35

Dibromofluoromethane

Concen: 65.568 ug/l

RT: 6.92 min Scan# 559

Delta R.T. 0.03 min

Lab File: VD062218.D

Acq: 10 May 2019 16:27

Instrument :

MSVOA_D

ClientSampleId :

P026-SS002-1824-01RE

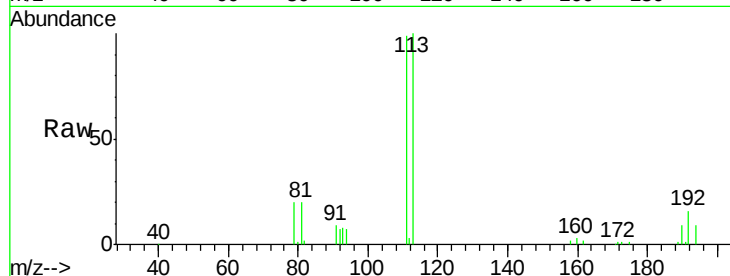
Tot Ion:113 Resp: 337643

Ion Ratio Lower Upper

113 100

111 99.1 78.5 117.7

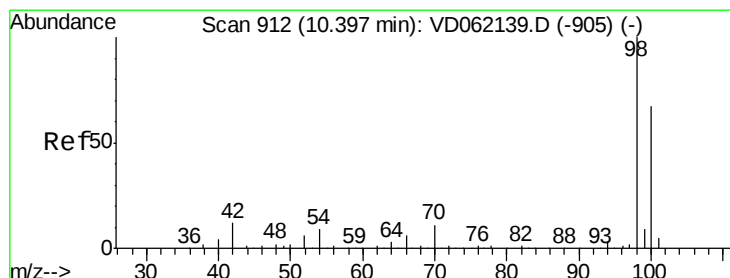
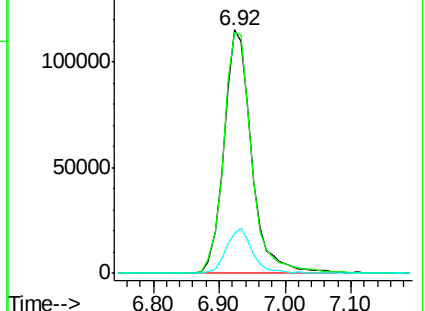
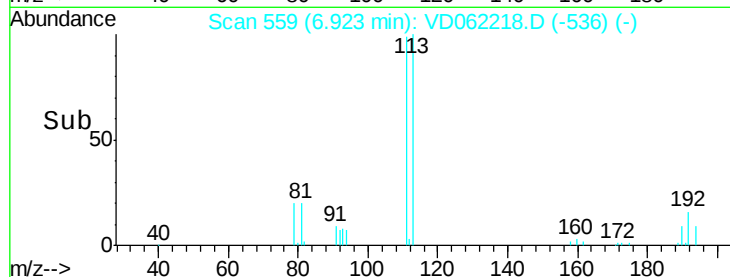
192 16.3 13.0 19.4



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: 49.923 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD062218.D

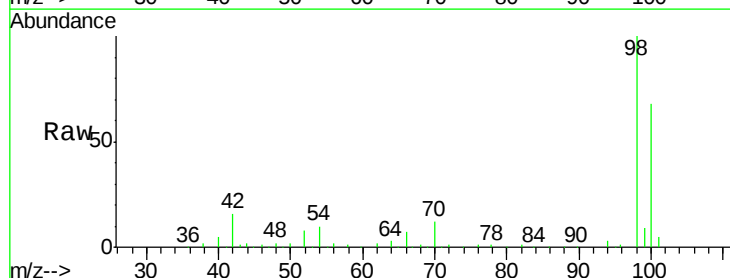
Acq: 10 May 2019 16:27

Tgt Ion: 98 Resp: 619830

Ion Ratio Lower Upper

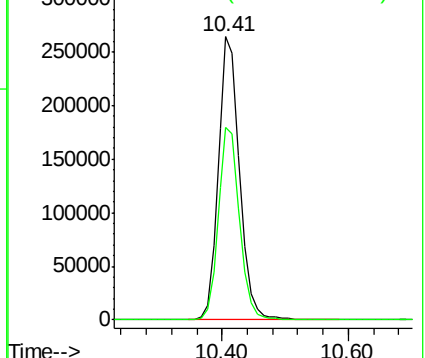
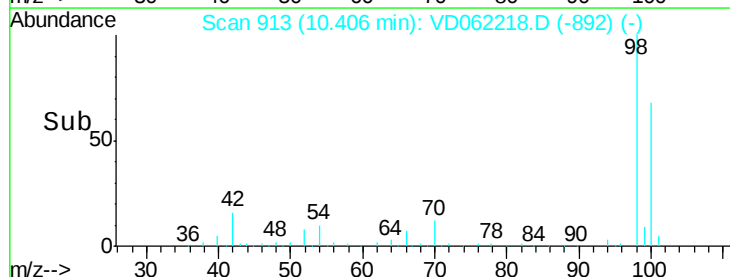
98 100

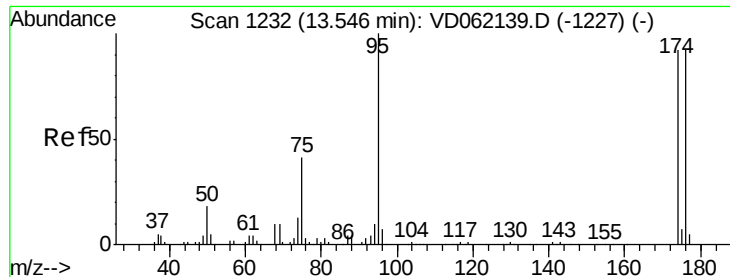
100 67.9 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 53.142 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062218.D

Acq: 10 May 2019 16:27

Instrument :

MSVOA_D

ClientSampleId :

P026-SS002-1824-01RE

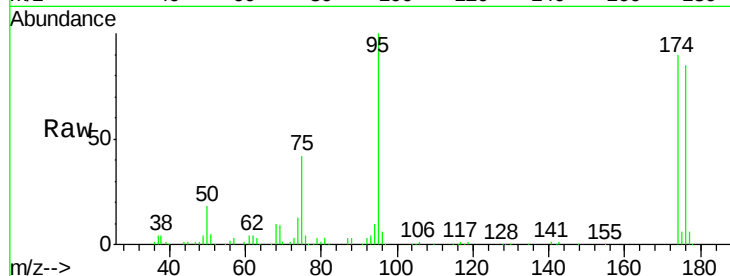
Tot Ion: 95 Resp: 264951

Ion Ratio Lower Upper

95 100

174 89.6 0.0 181.8

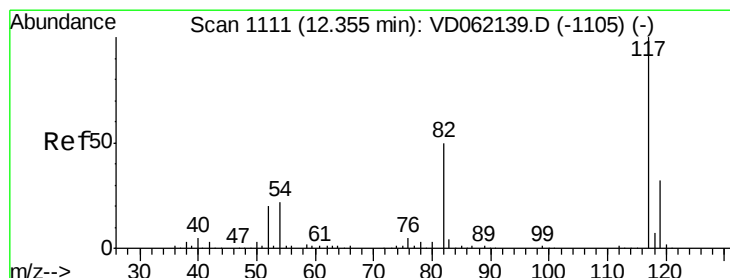
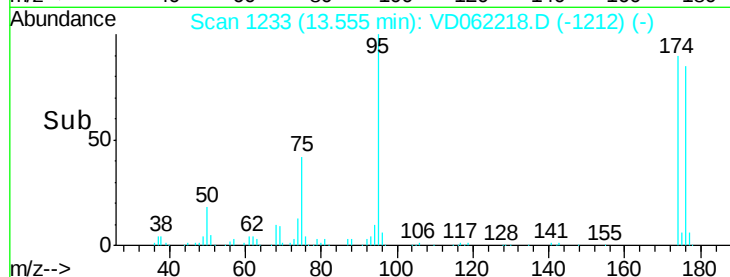
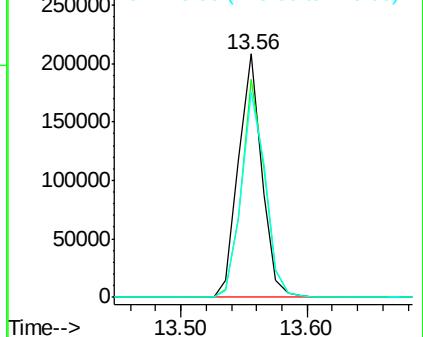
176 84.5 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.36 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD062218.D

Acq: 10 May 2019 16:27

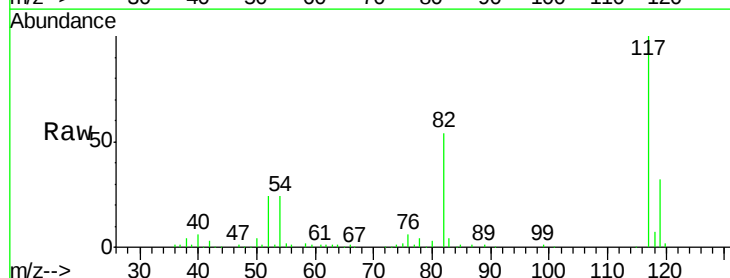
Tgt Ion: 117 Resp: 510194

Ion Ratio Lower Upper

117 100

82 54.2 36.2 54.2

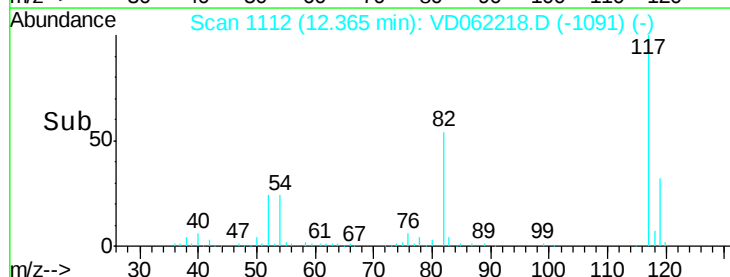
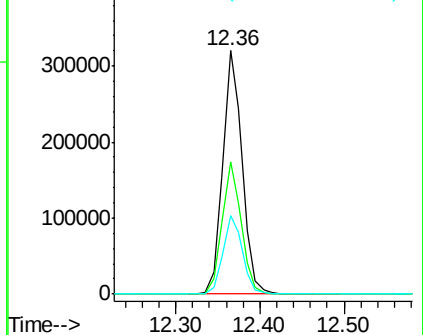
119 32.0 26.2 39.4

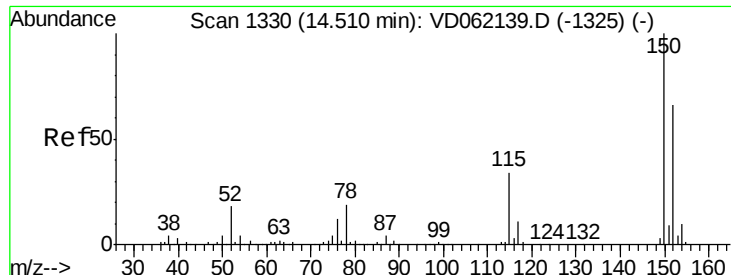


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD062218.D

Acq: 10 May 2019 16:27

Instrument :

MSVOA_D

ClientSampleId :

P026-SS002-1824-01RE

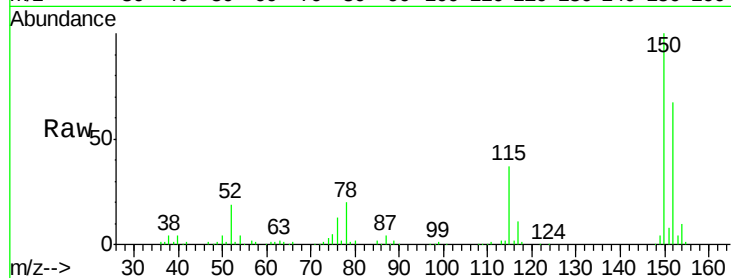
Tot Ion:152 Resp: 247430

Ion Ratio Lower Upper

152 100

115 55.4 30.9 92.7

150 149.7 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

