

Data File : VD062235.D
Acq On : 11 May 2019 14:13
Operator : FY/SY
Sample : K2717-19RE
Misc : 5.12g/5mL/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P026-SS004-0002-01RE

Quant Time: May 11 22:52:13 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

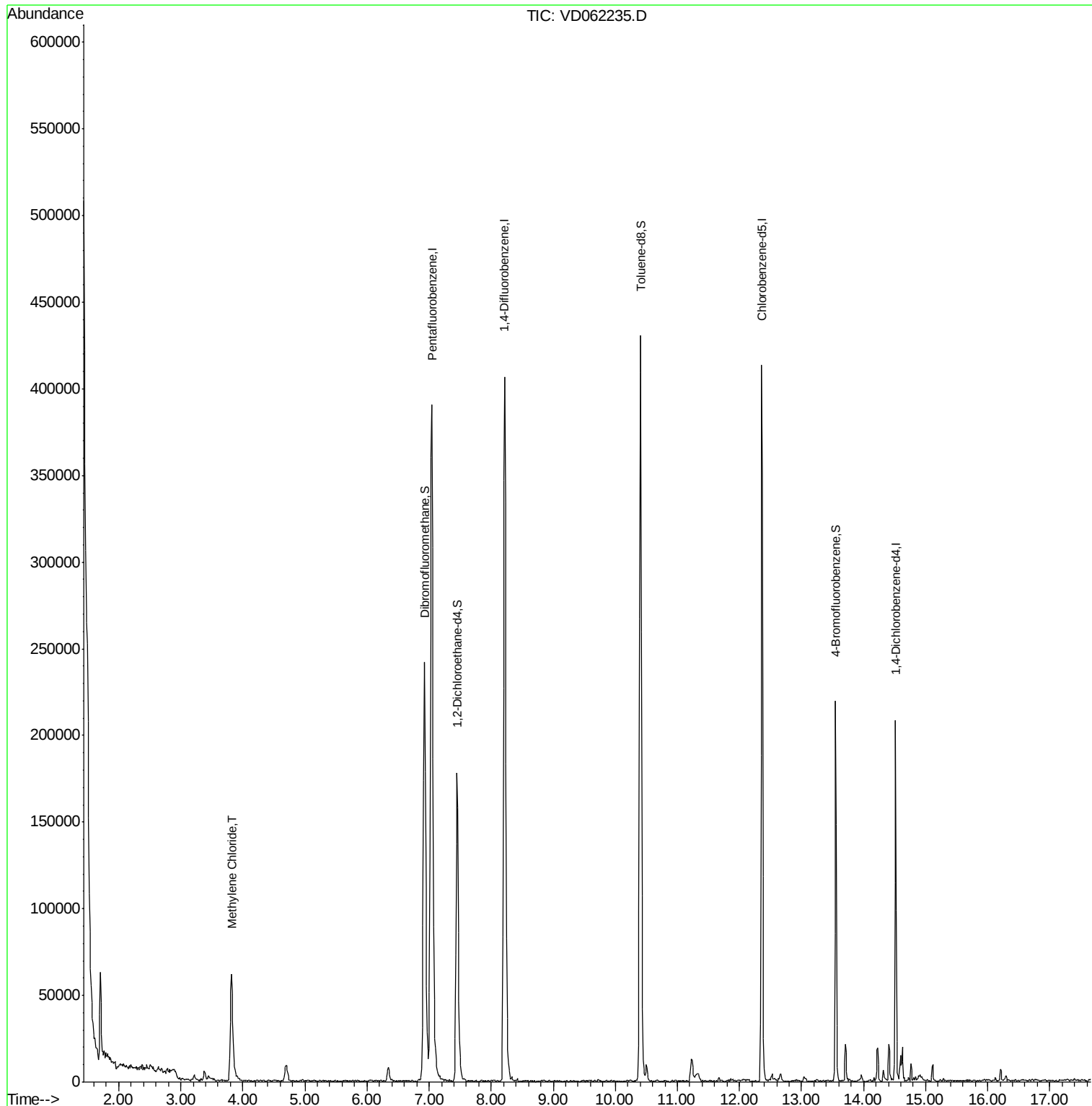
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	389969	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	466229	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	231093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	44062	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	186701	51.52	ug/l	0.02
Spiked Amount 50.000			Recovery	=	103.04%	
35) Dibromofluoromethane	6.93	113	223311	57.73	ug/l	0.03
Spiked Amount 50.000			Recovery	=	115.46%	
50) Toluene-d8	10.41	98	375584	40.27	ug/l	0.01
Spiked Amount 50.000			Recovery	=	80.54%	
62) 4-Bromofluorobenzene	13.55	95	62914	16.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	33.60%	
Target Compounds						
20) Methylene Chloride	3.82	84	43794	13.801	ug/l	Qvalue 94

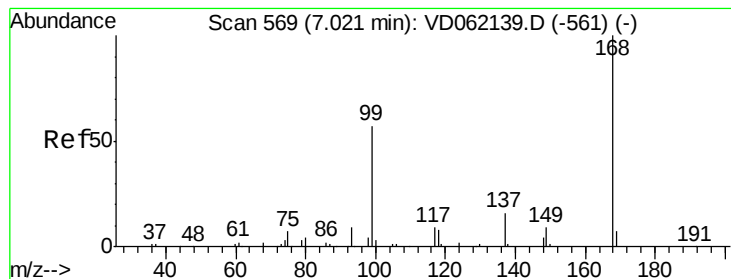
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.02 min

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MSVOA_D

ClientSampleId :

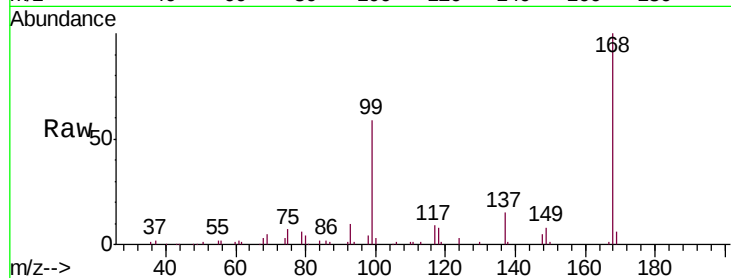
P026-SS004-0002-01RE

Tgt Ion:168 Resp: 389969

Ion Ratio Lower Upper

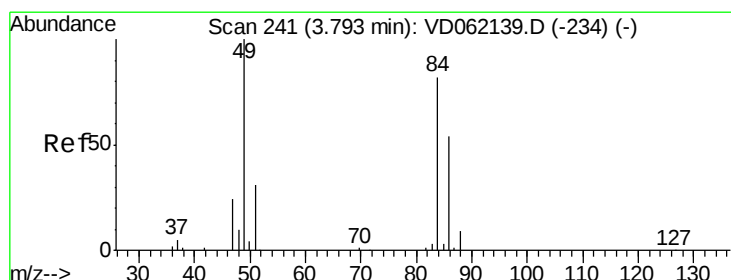
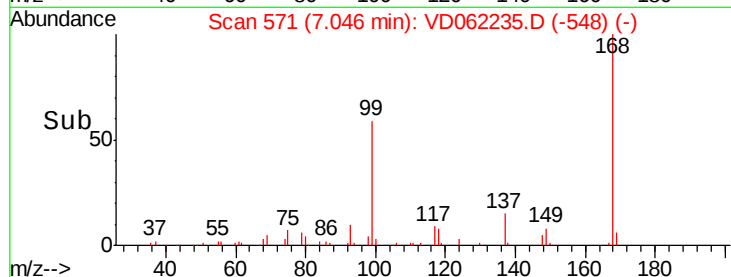
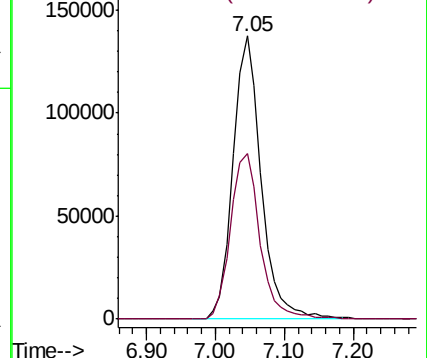
168 100

99 58.7 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: 13.801 ug/l

RT: 3.82 min Scan# 243

Delta R.T. 0.02 min

Lab File: VD062235.D

Acq: 11 May 2019 14:13

Tgt Ion: 84 Resp: 43794

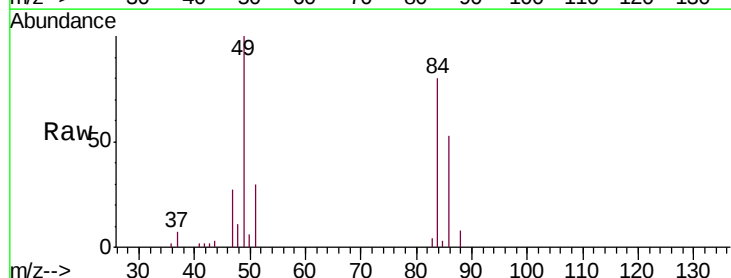
Ion Ratio Lower Upper

84 100

49 125.7 94.0 141.0

51 38.2 29.0 43.4

86 67.0 49.8 74.6

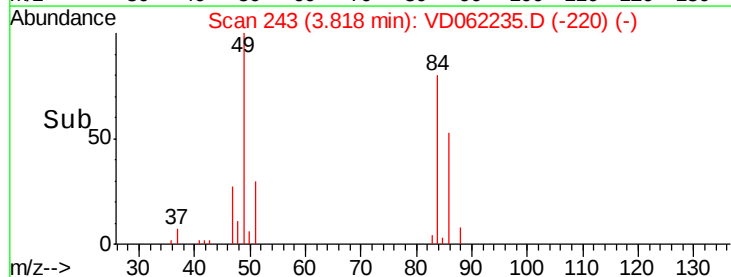
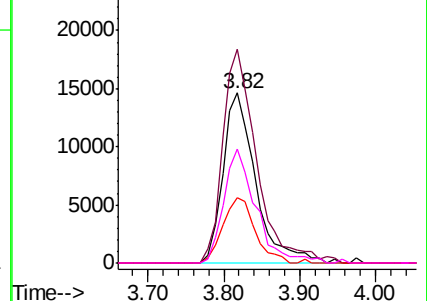


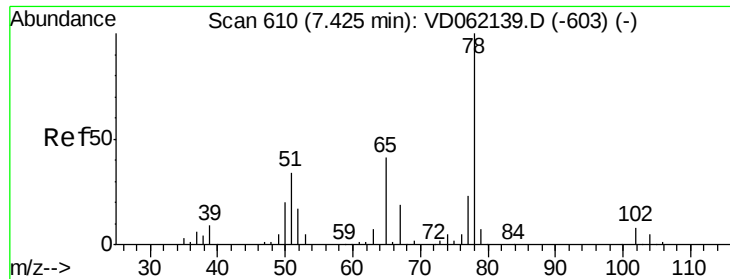
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 51.517 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.02 min

Lab File: VD062235.D

Acq: 11 May 2019 14:13

Instrument :

MSVOA_D

ClientSampleId :

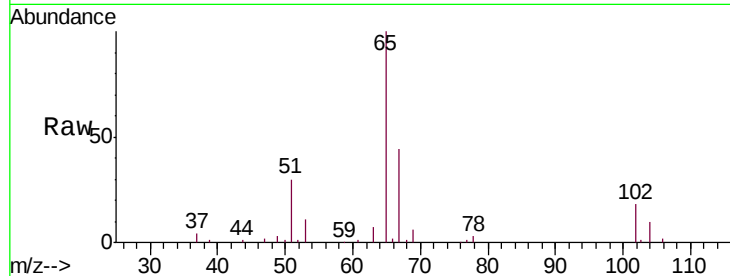
P026-SS004-0002-01RE

Tgt Ion: 65 Resp: 186701

Ion Ratio Lower Upper

65 100

67 44.2 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

80000

60000

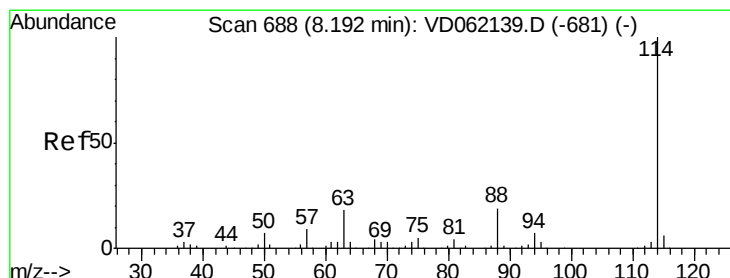
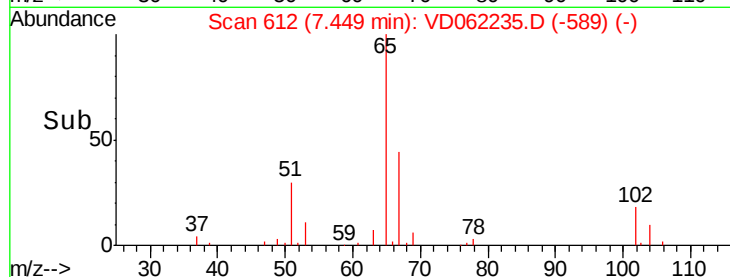
40000

20000

0

7.30 7.40 7.50 7.60

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.02 min

Lab File: VD062235.D

Acq: 11 May 2019 14:13

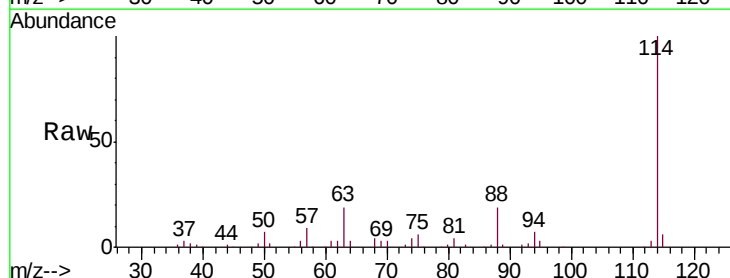
Tgt Ion: 114 Resp: 466229

Ion Ratio Lower Upper

114 100

63 19.0 0.0 32.4

88 19.1 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

8.22

200000

150000

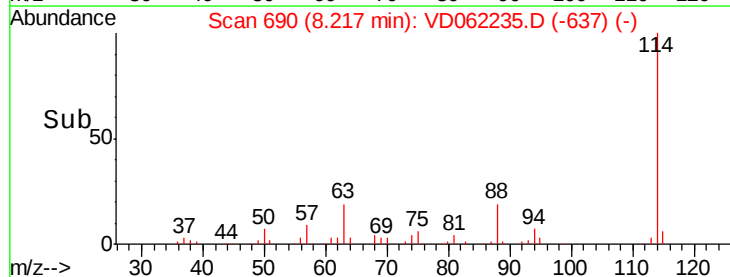
100000

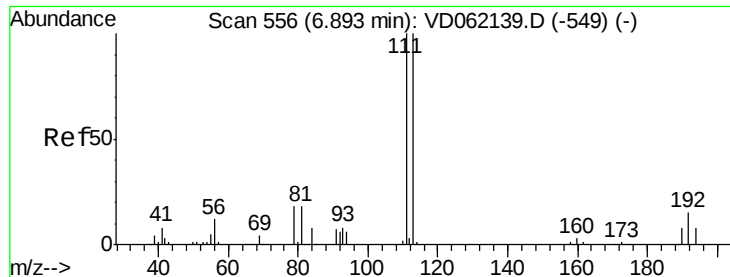
50000

0

8.10 8.20 8.30 8.40 8.50

Time-->





#35

Dibromofluoromethane

Concen: 57.728 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.03 min

Lab File: VD062235.D

Acq: 11 May 2019 14:13

Instrument :

MSVOA_D

ClientSampleId :

P026-SS004-0002-01RE

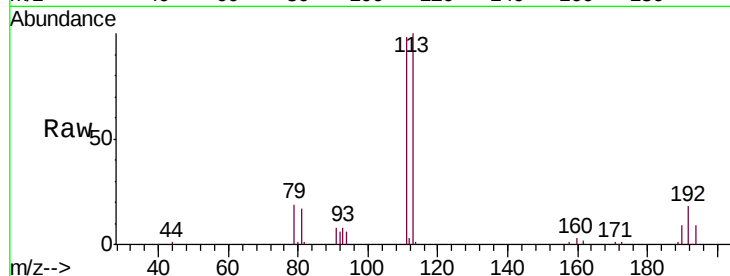
Tgt Ion:113 Resp: 223311

Ion Ratio Lower Upper

113 100

111 98.0 78.5 117.7

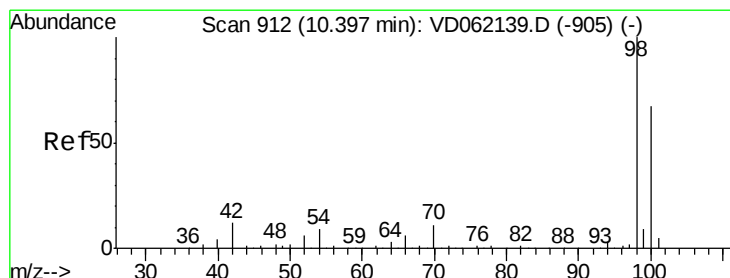
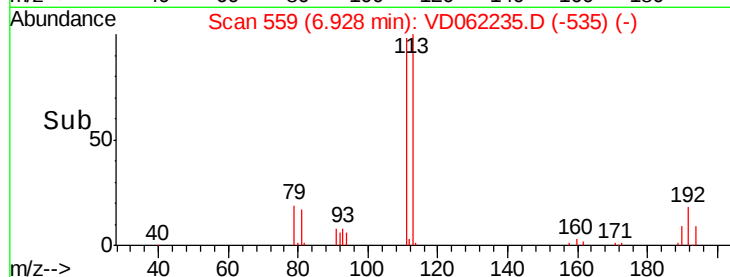
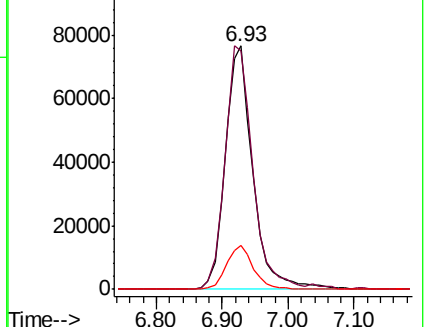
192 18.1 13.0 19.4



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: 40.269 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD062235.D

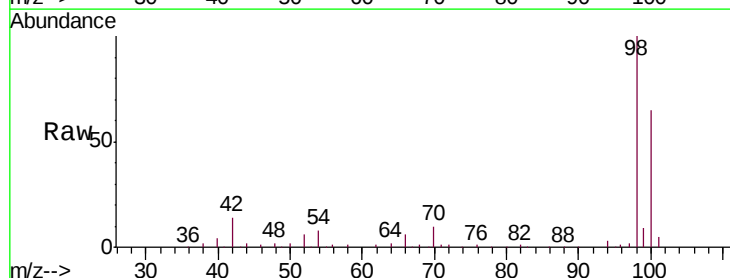
Acq: 11 May 2019 14:13

Tgt Ion: 98 Resp: 375584

Ion Ratio Lower Upper

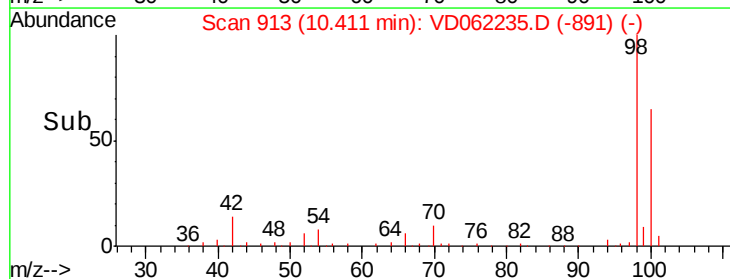
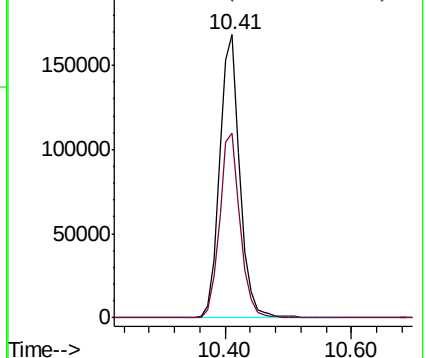
98 100

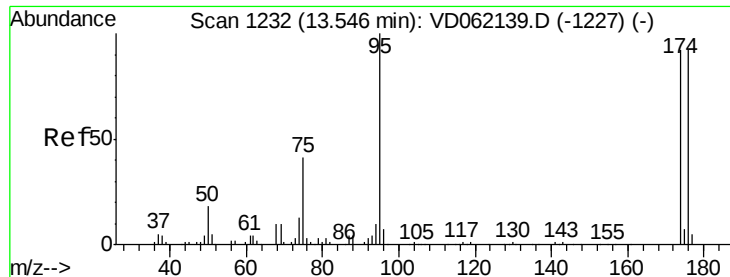
100 65.2 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 16.798 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD062235.D

Acq: 11 May 2019 14:13

Instrument :

MSVOA_D

ClientSampleId :

P026-SS004-0002-01RE

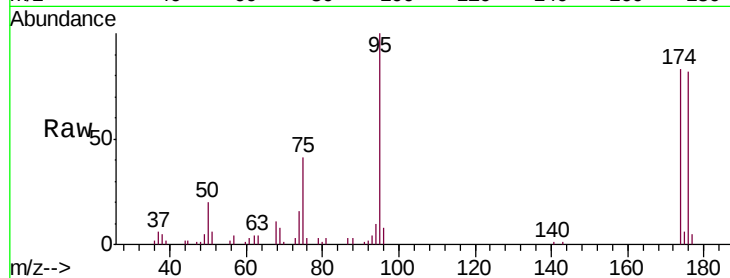
Tgt Ion: 95 Resp: 62914

Ion Ratio Lower Upper

95 100

174 83.2 0.0 181.8

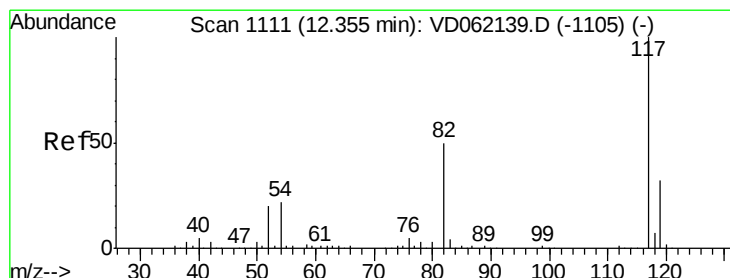
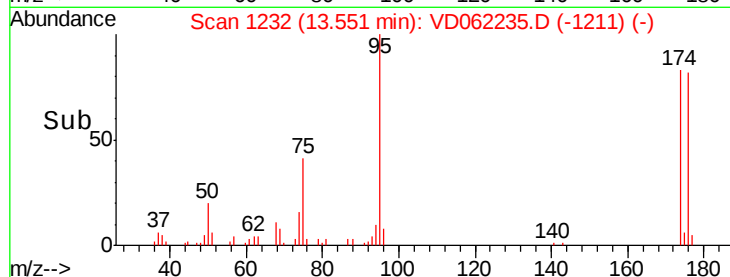
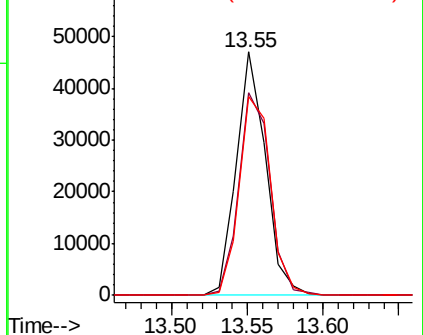
176 81.5 0.0 174.4



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# 1111

Delta R.T. 0.00 min

Lab File: VD062235.D

Acq: 11 May 2019 14:13

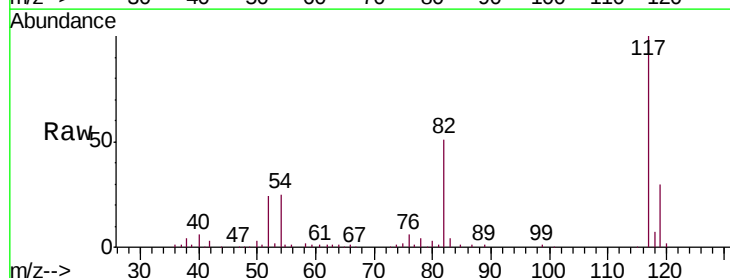
Tgt Ion: 117 Resp: 231093

Ion Ratio Lower Upper

117 100

82 51.3 36.2 54.2

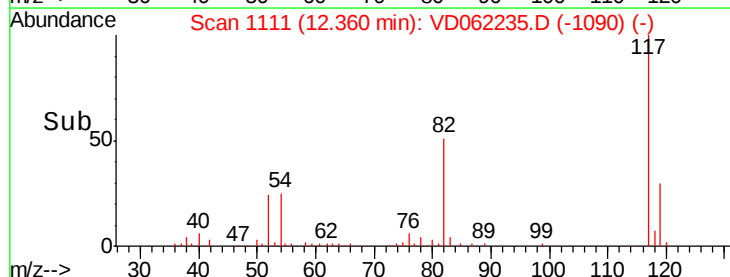
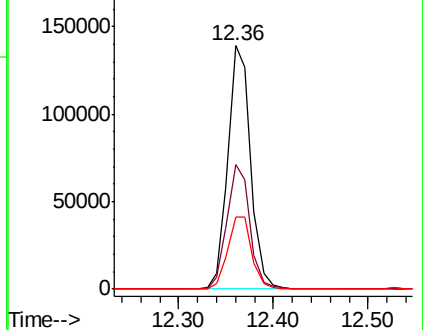
119 29.8 26.2 39.4

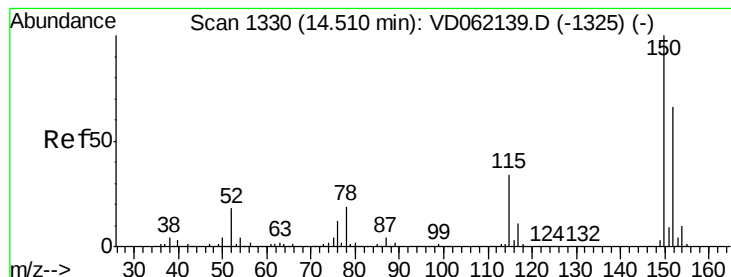


Abundance Ion 116.95 (116.65 to 117.65): V

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# 1330

Delta R.T. 0.01 min

Lab File: VD062235.D

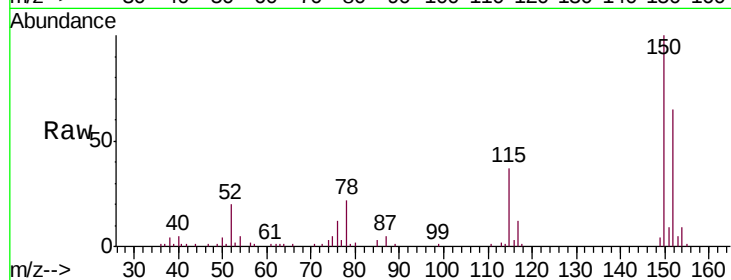
Acq: 11 May 2019 14:13

Instrument :

MSVOA_D

ClientSampleId :

P026-SS004-0002-01RE



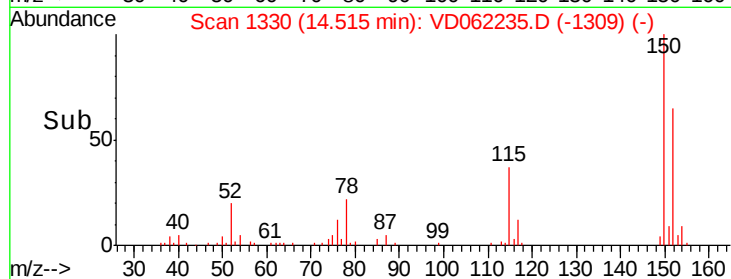
Tgt Ion:152 Resp: 44062

Ion Ratio Lower Upper

152 100

115 56.8 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

