

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050819\
 Data File : VD062180.D
 Acq On : 8 May 2019 18:02
 Operator : FY/SY
 Sample : K2717-08
 Misc : 5.08g/5mL/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS002-0612-01

Quant Time: May 09 02:10:40 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

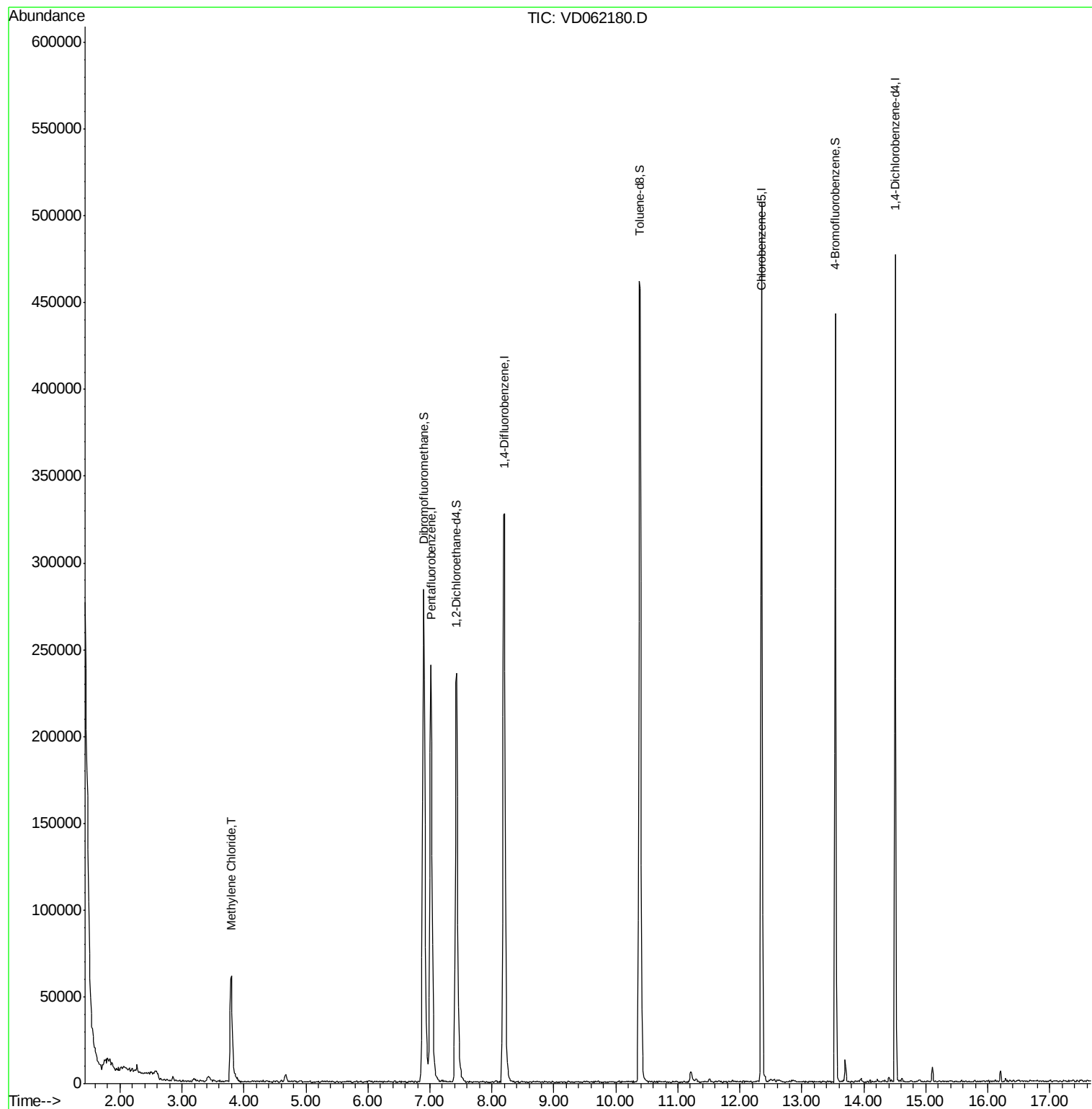
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	231162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	374358	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	272759	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	95880	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	255691	119.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	238.04%	
35) Dibromofluoromethane	6.90	113	249022	80.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	160.34%	
50) Toluene-d8	10.39	98	399011	53.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.56%	
62) 4-Bromofluorobenzene	13.54	95	120046	39.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.84%	
Target Compounds						
20) Methylene Chloride	3.80	84	42049	22.354	ug/l	Qvalue 98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.00 min

Lab File: VD062180.D

Acq: 8 May 2019 18:02

Instrument :

MSVOA_D

ClientSampleId :

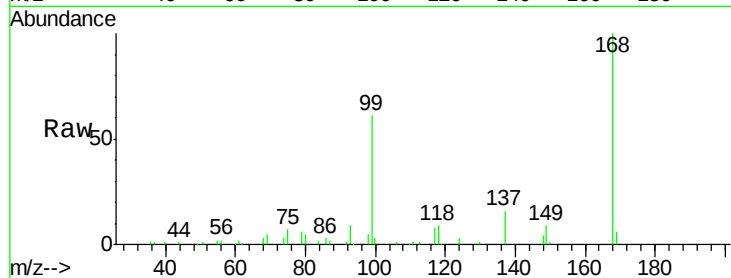
P026-SS002-0612-01

Tot Ion:168 Resp: 231162

Ion Ratio Lower Upper

168 100

99 61.0 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.02

80000

60000

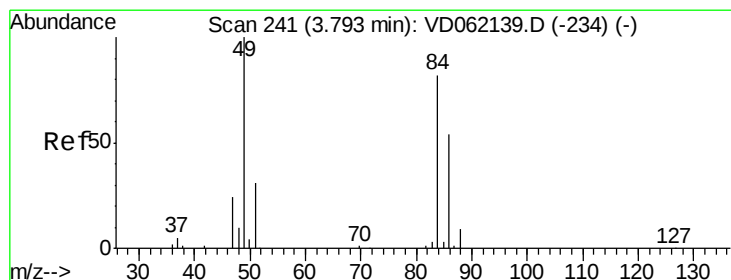
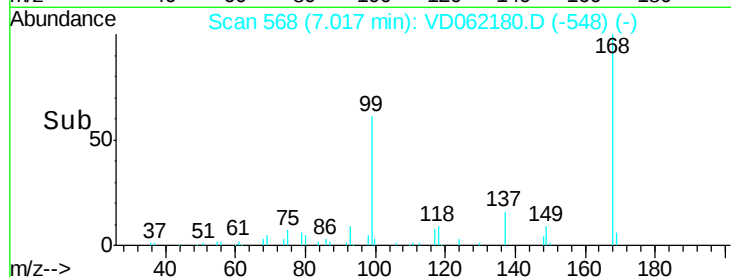
40000

20000

0

6.90 7.00 7.10 7.20

Time-->



#20

Methylene Chloride

Concen: 22.354 ug/l

RT: 3.80 min Scan# 241

Delta R.T. 0.01 min

Lab File: VD062180.D

Acq: 8 May 2019 18:02

Tgt Ion: 84 Resp: 42049

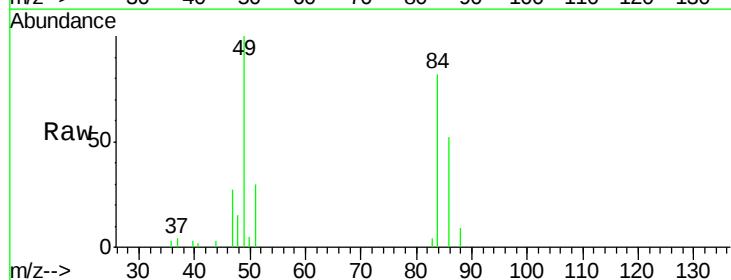
Ion Ratio Lower Upper

84 100

49 121.3 94.0 141.0

51 36.2 29.0 43.4

86 62.8 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

30000

25000

20000

15000

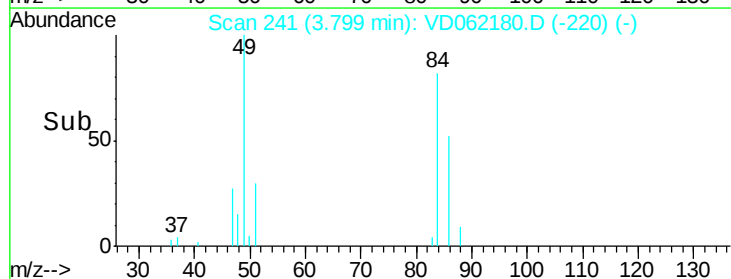
10000

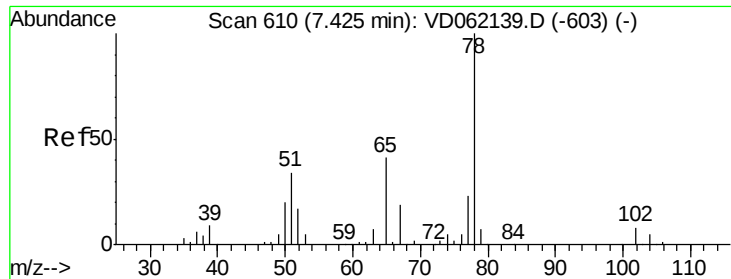
5000

0

3.70 3.80 3.90

Time-->





#33

1,2-Dichloroethane-d4

Concen: 119.025 ug/l

RT: 7.43 min Scan# 610

Delta R.T. 0.01 min

Lab File: VD062180.D

Acq: 8 May 2019 18:02

Instrument :

MSVOA_D

ClientSampleId :

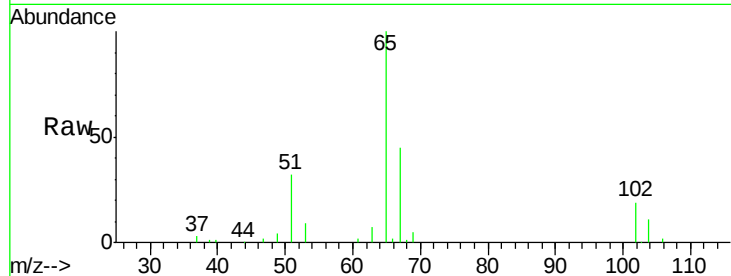
P026-SS002-0612-01

Tot Ion: 65 Resp: 255691

Ion Ratio Lower Upper

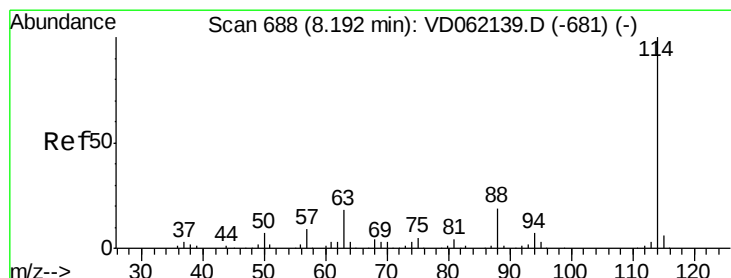
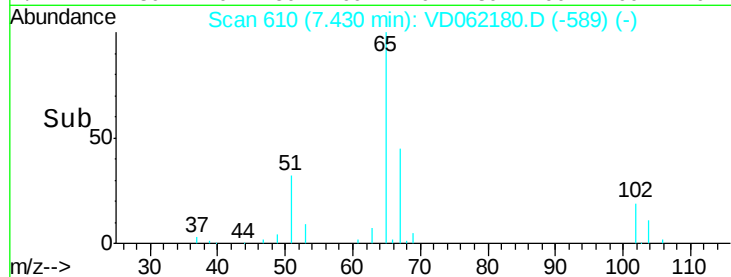
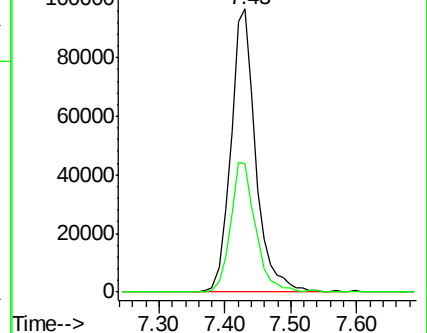
65 100

67 45.2 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: 8.20 min Scan# 688

Delta R.T. 0.01 min

Lab File: VD062180.D

Acq: 8 May 2019 18:02

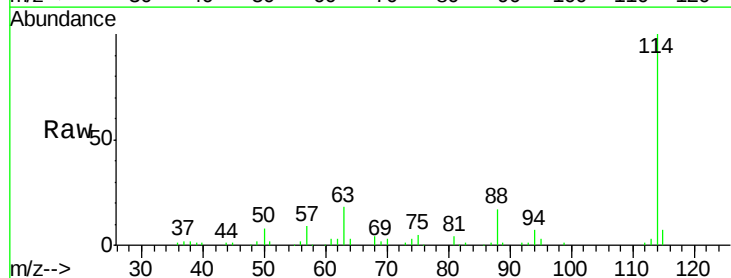
Tgt Ion: 114 Resp: 374358

Ion Ratio Lower Upper

114 100

63 17.8 0.0 32.4

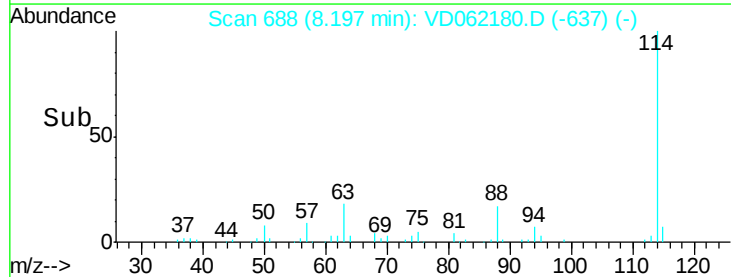
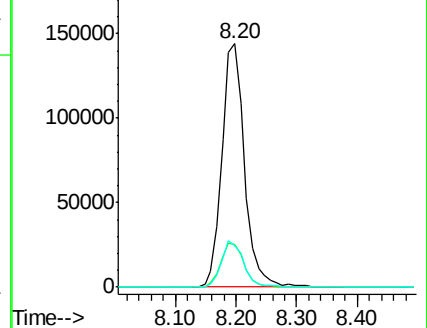
88 17.2 0.0 33.6

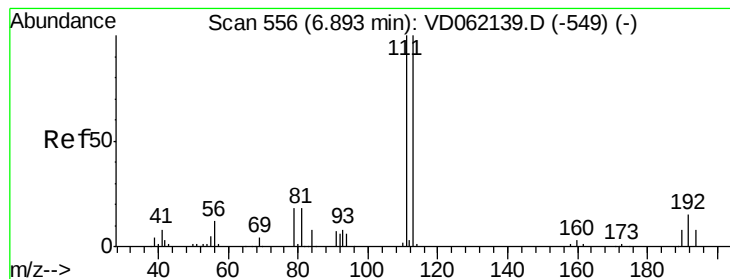


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 80.172 ug/l

RT: 6.90 min Scan# 556

Delta R.T. 0.01 min

Lab File: VD062180.D

Acq: 8 May 2019 18:02

Instrument :

MSVOA_D

ClientSampleId :

P026-SS002-0612-01

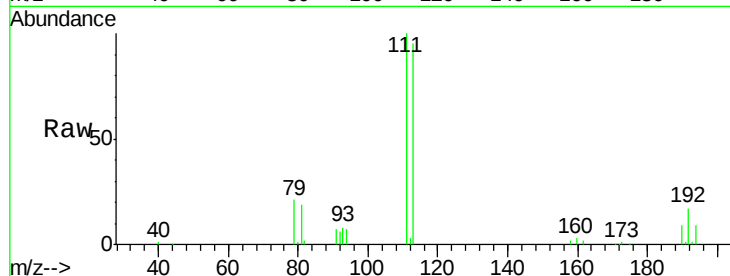
Tot Ion:113 Resp: 249022

Ion Ratio Lower Upper

113 100

111 105.1 78.5 117.7

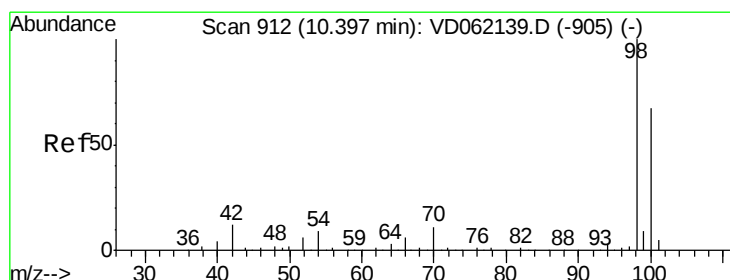
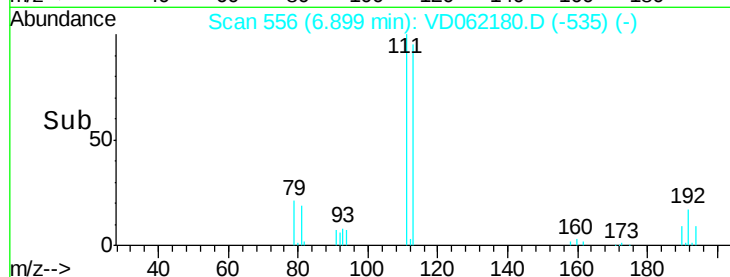
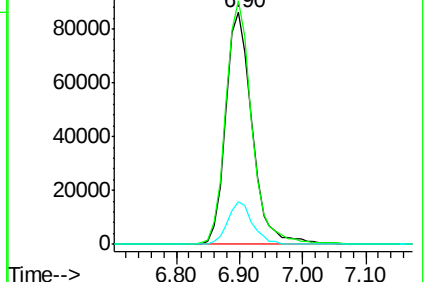
192 18.3 13.0 19.4



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: 53.280 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.00 min

Lab File: VD062180.D

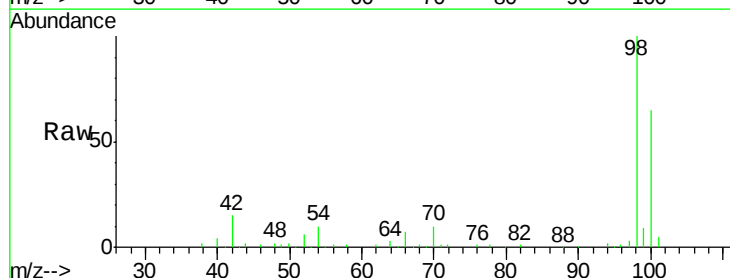
Acq: 8 May 2019 18:02

Tgt Ion: 98 Resp: 399011

Ion Ratio Lower Upper

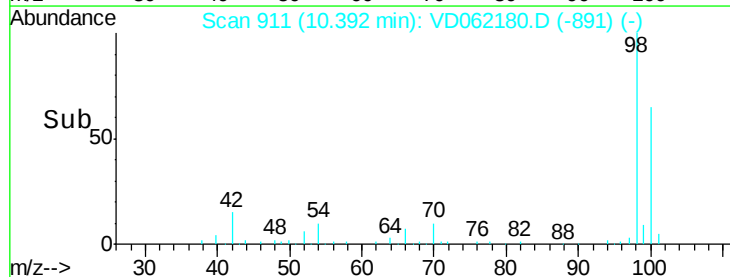
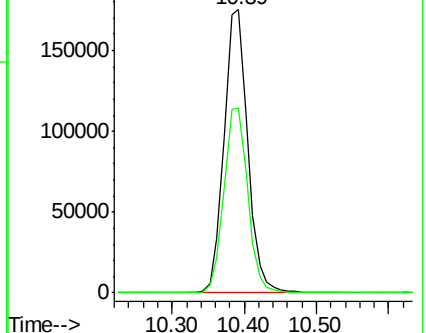
98 100

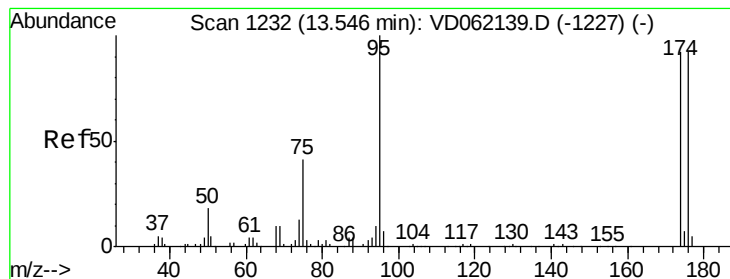
100 65.4 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 39.918 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VD062180.D

Acq: 8 May 2019 18:02

Instrument :

MSVOA_D

ClientSampleId :

P026-SS002-0612-01

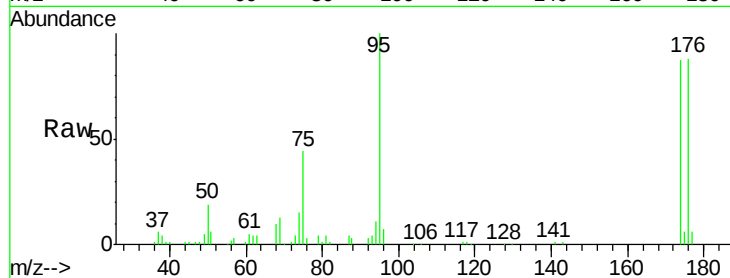
Tot Ion: 95 Resp: 120046

Ion Ratio Lower Upper

95 100

174 86.7 0.0 181.8

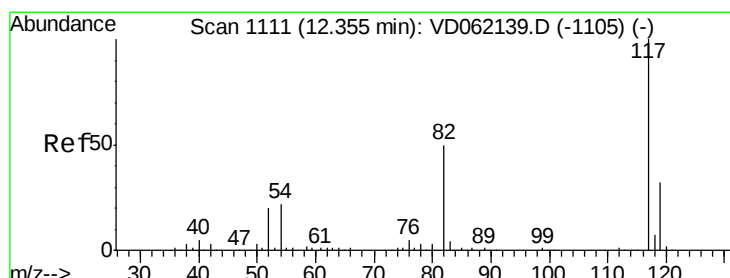
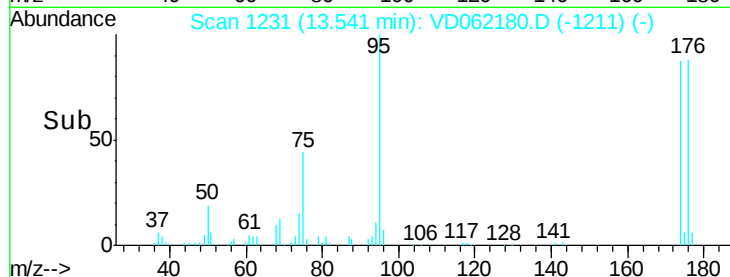
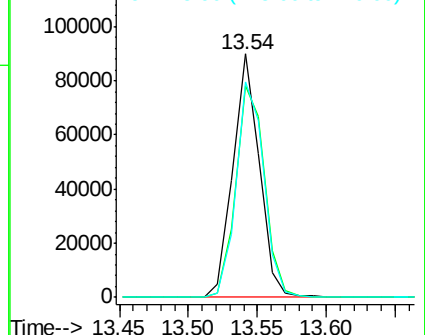
176 88.3 0.0 174.4



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: 12.35 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD062180.D

Acq: 8 May 2019 18:02

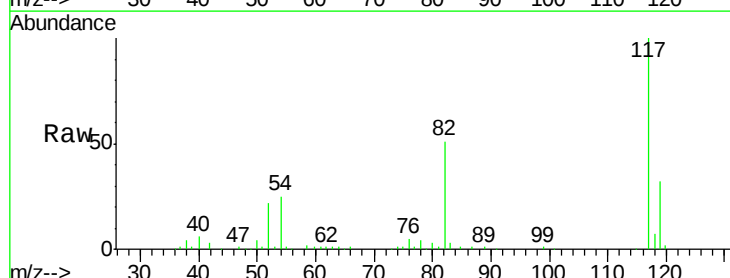
Tgt Ion: 117 Resp: 272759

Ion Ratio Lower Upper

117 100

82 51.4 36.2 54.2

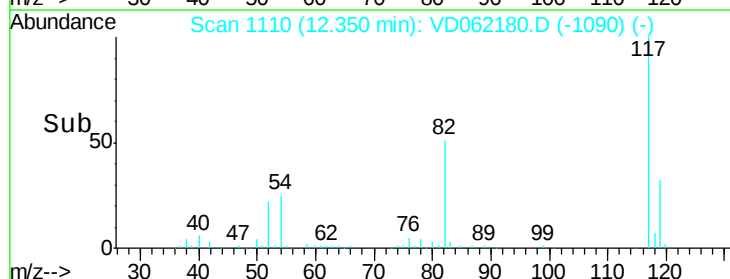
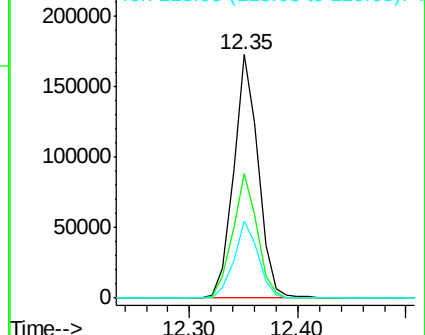
119 31.7 26.2 39.4

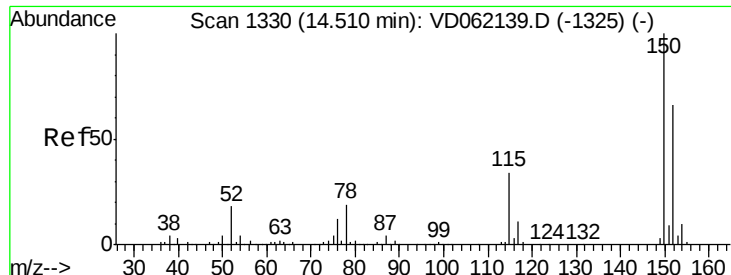


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

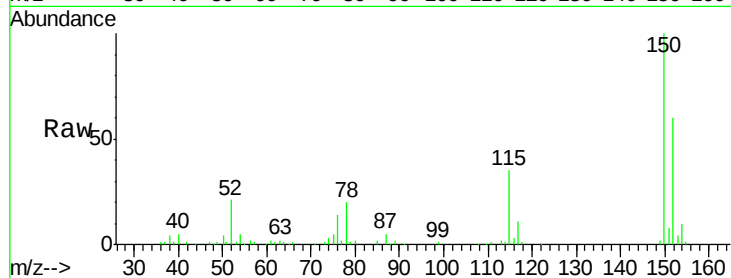




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: VD062180.D
 Acq: 8 May 2019 18:02

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS002-0612-01

Tot Ion:152 Resp: 95880
 Ion Ratio Lower Upper
 152 100
 115 57.6 30.9 92.7
 150 165.4 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

