

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012319\
 Data File : VV009245.D
 Acq On : 23 Jan 2019 13:34
 Operator : SY/MD
 Sample : VV0123SBL01
 Misc : 5.00G/5ML/MSVOA V/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 24 04:04:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V012219S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 23 01:54:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.73	168	82905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.66	114	137917	50.00	ug/l	0.00
63) Chlorobenzene-d5	8.89	117	122101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.30	152	57818	50.00	ug/l	0.00

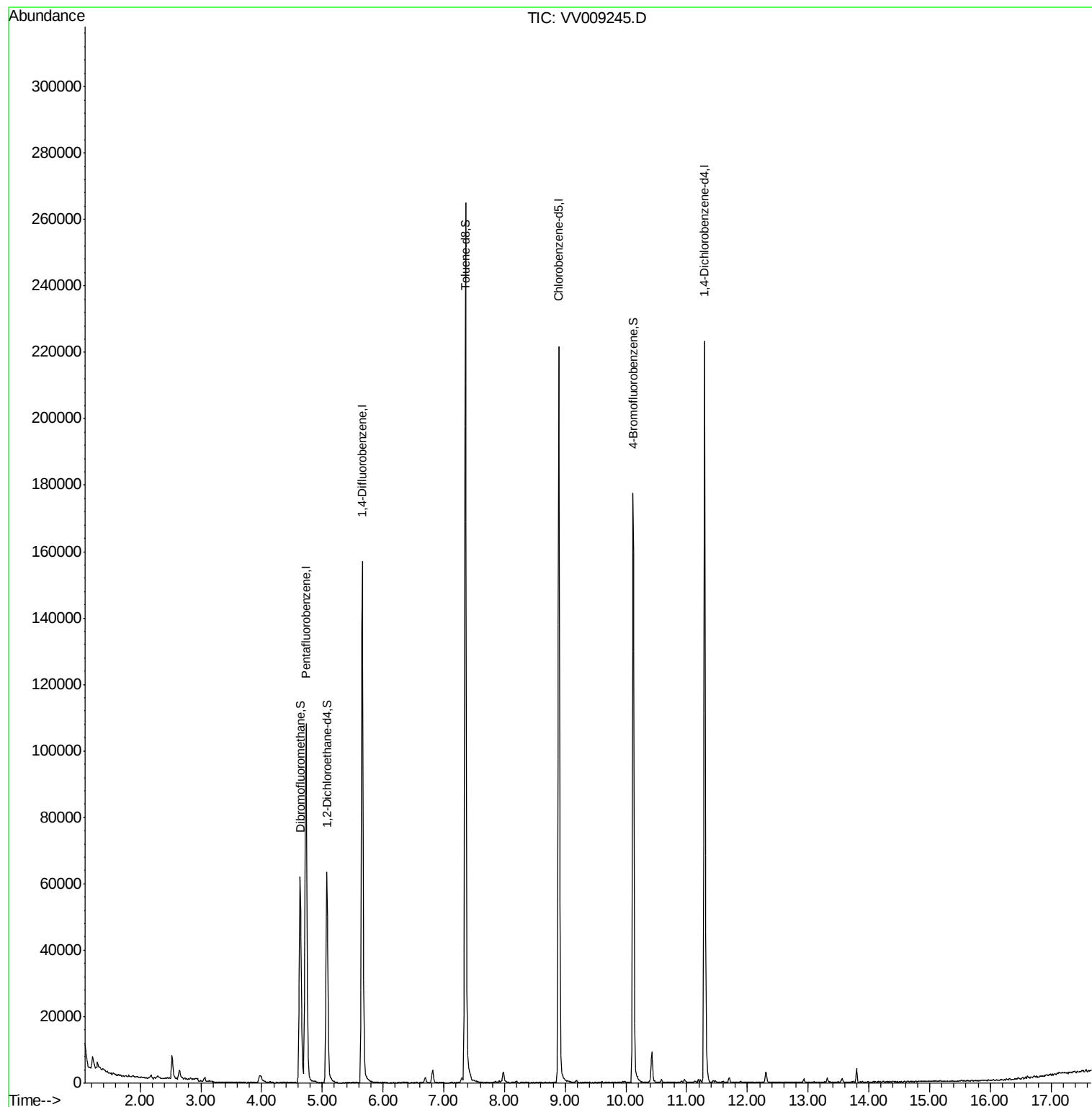
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.07	65	51938	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
35) Dibromofluoromethane	4.63	113	46269	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
50) Toluene-d8	7.36	98	179066	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
62) 4-Bromofluorobenzene	10.12	95	62614	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	

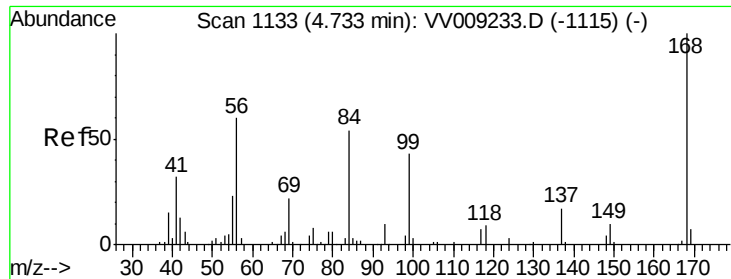
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.73 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VV009245.D

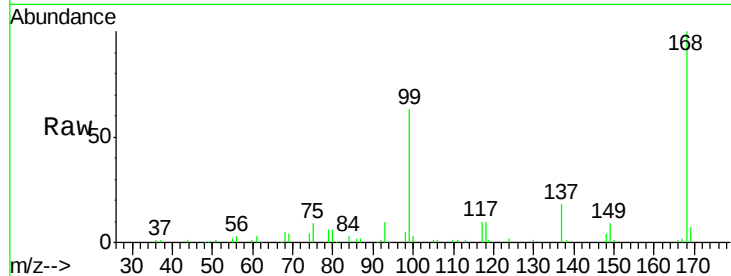
Acq: 23 Jan 2019 13:34

Tot Ion:168 Resp: 82905

Ion Ratio Lower Upper

168 100

99 62.8 50.9 76.3

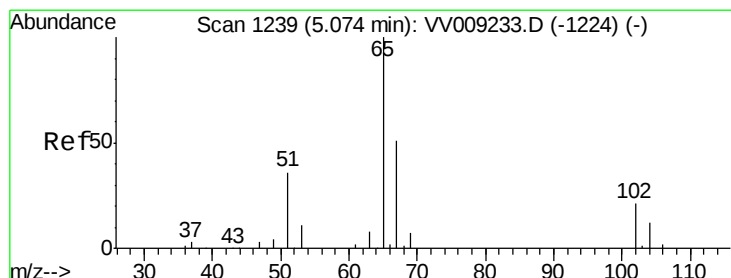
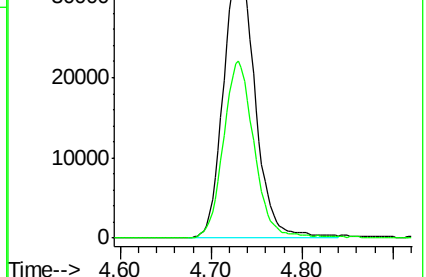
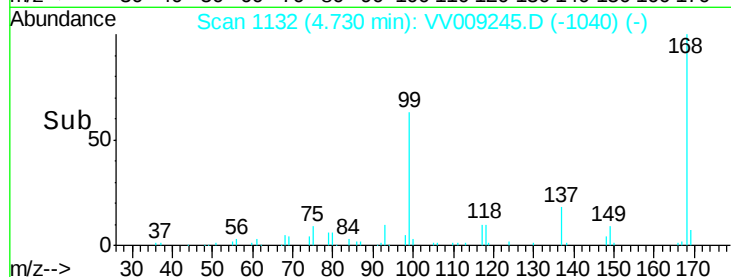


Abundance Ion 167.90 (167.60 to 168.60): VV009233.D (-1115) (-)

Ion 98.90 (98.60 to 99.60): VV009233.D (-1115) (-)

4.73

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.371 ug/l

RT: 5.07 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VV009245.D

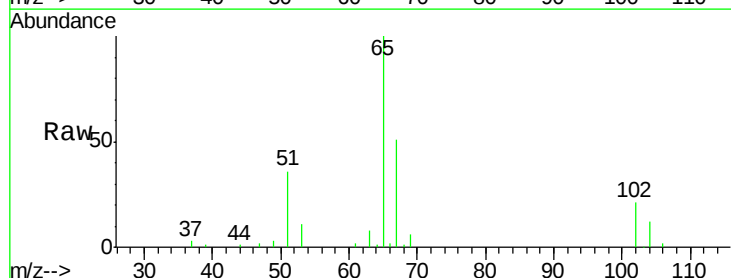
Acq: 23 Jan 2019 13:34

Tgt Ion: 65 Resp: 51938

Ion Ratio Lower Upper

65 100

67 51.4 0.0 102.8

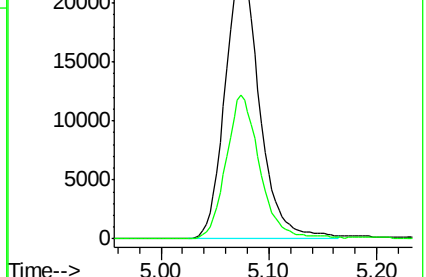
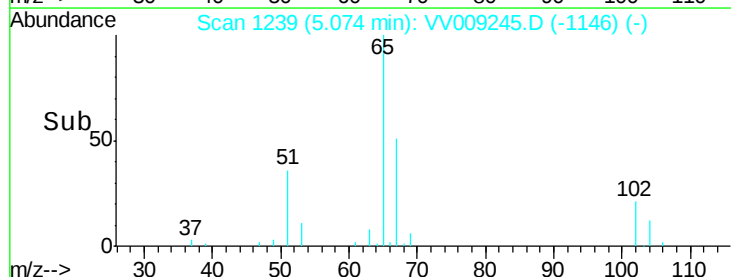


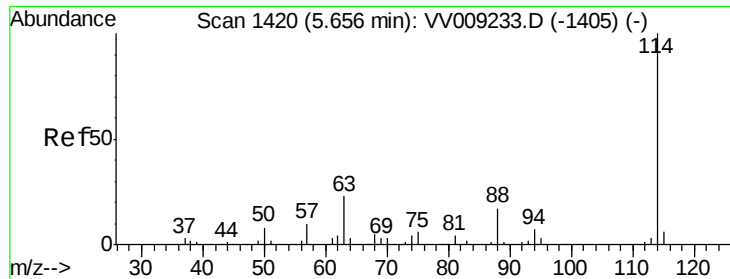
Abundance Ion 64.90 (64.60 to 65.60): VV009233.D (-1224) (-)

Ion 66.90 (66.60 to 67.60): VV009233.D (-1224) (-)

5.07

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 1420

Delta R.T. 0.00 min

Lab File: VV009245.D

Acq: 23 Jan 2019 13:34

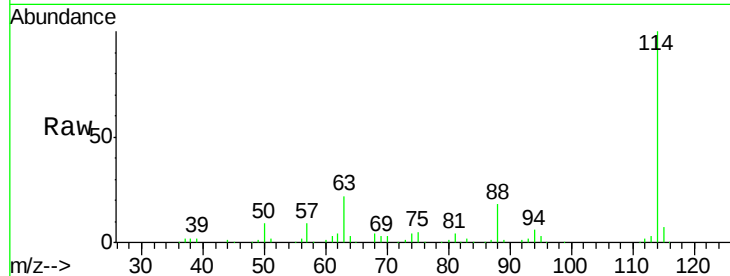
Tot Ion:114 Resp: 137917

Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.2

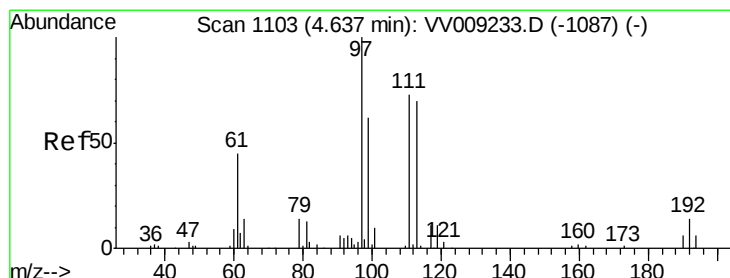
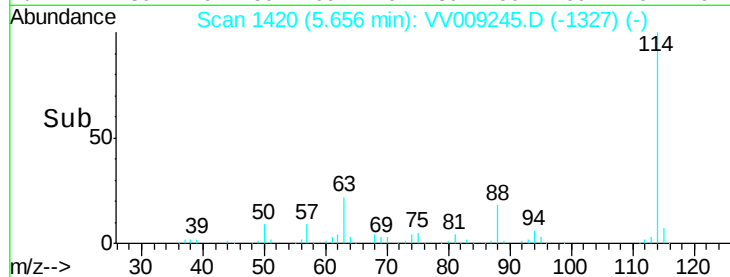
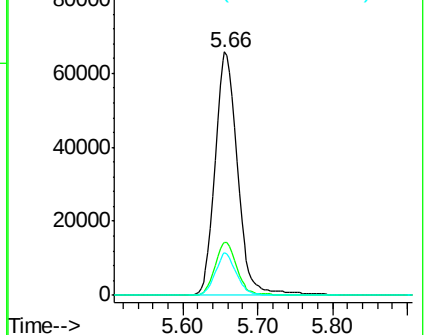
88 17.6 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VV0

Ion 87.90 (87.60 to 88.60): VV0



#35

Dibromofluoromethane

Concen: 51.556 ug/l

RT: 4.63 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VV009245.D

Acq: 23 Jan 2019 13:34

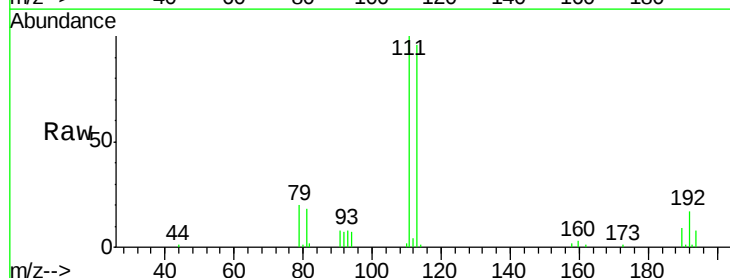
Tgt Ion:113 Resp: 46269

Ion Ratio Lower Upper

113 100

111 103.3 82.4 123.6

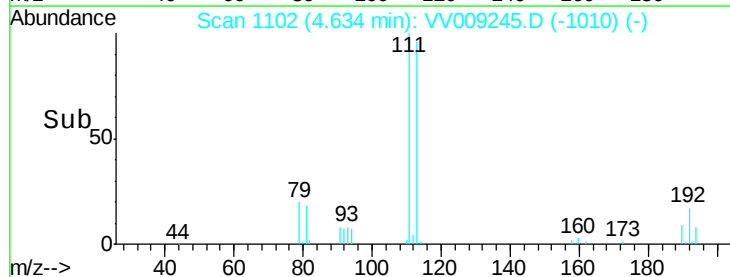
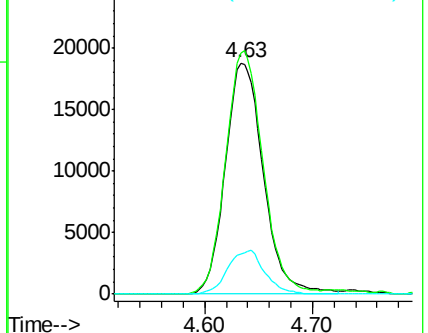
192 18.2 15.0 22.6

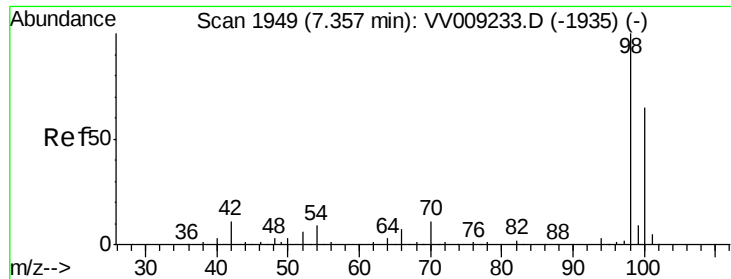


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.266 ug/l

RT: 7.36 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VV009245.D

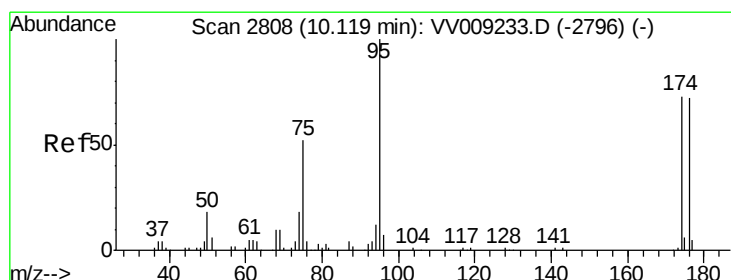
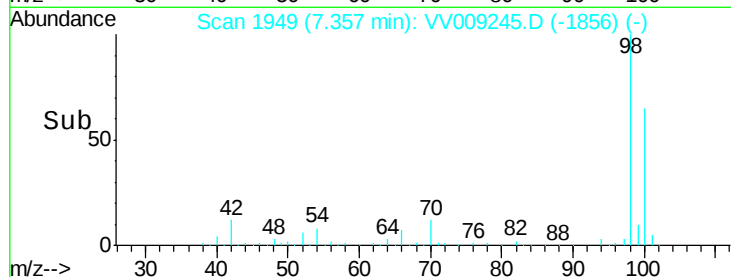
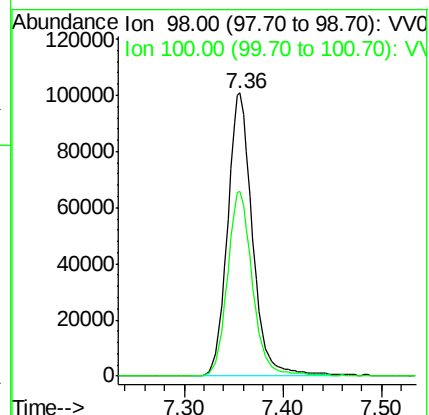
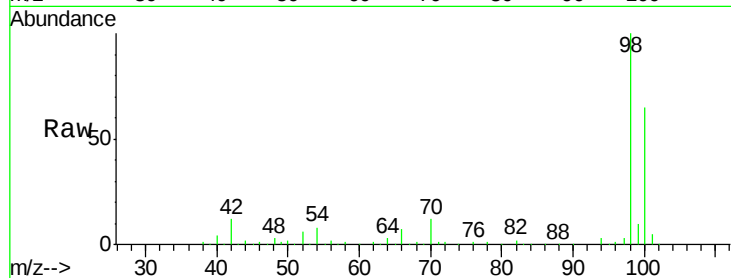
Acq: 23 Jan 2019 13:34

Tot Ion: 98 Resp: 179066

Ion Ratio Lower Upper

98 100

100 65.7 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 47.573 ug/l

RT: 10.12 min Scan# 2808

Delta R.T. 0.00 min

Lab File: VV009245.D

Acq: 23 Jan 2019 13:34

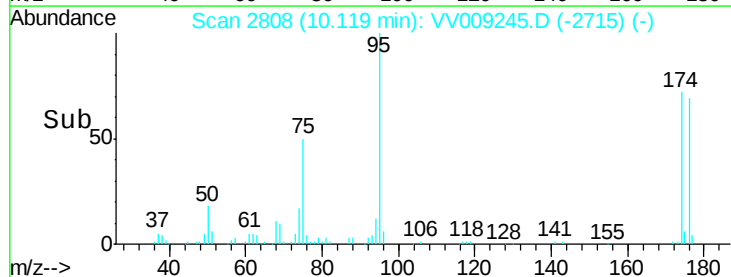
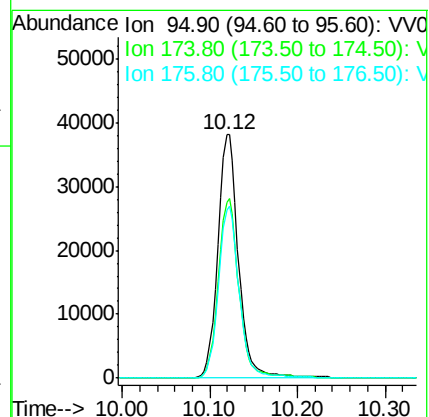
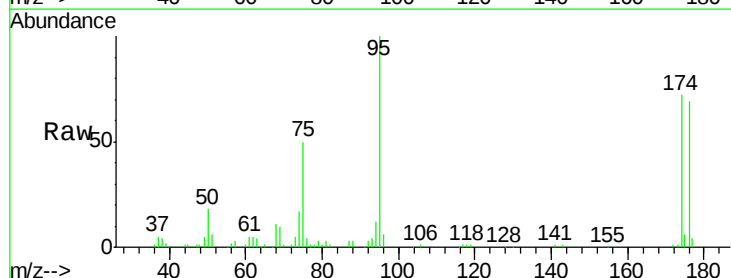
Tgt Ion: 95 Resp: 62614

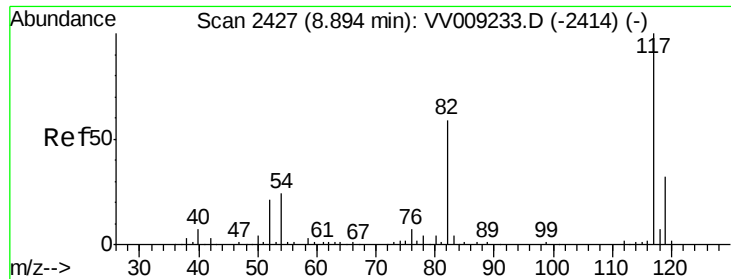
Ion Ratio Lower Upper

95 100

174 73.0 0.0 148.2

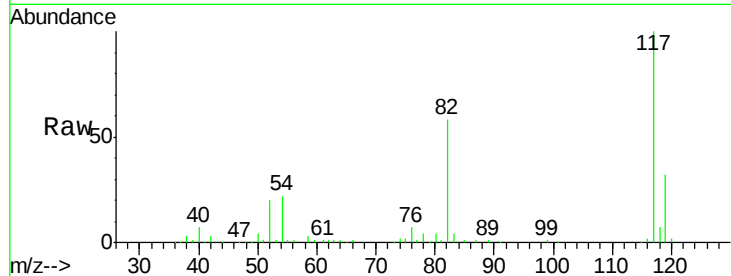
176 70.1 0.0 143.0



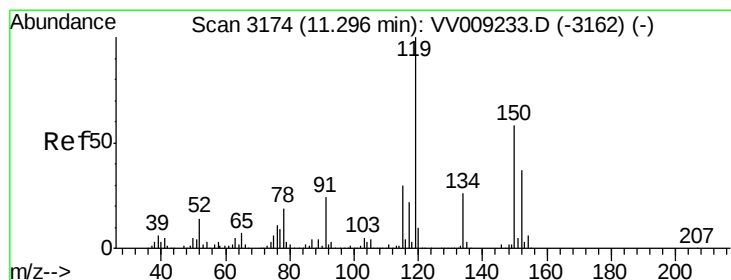
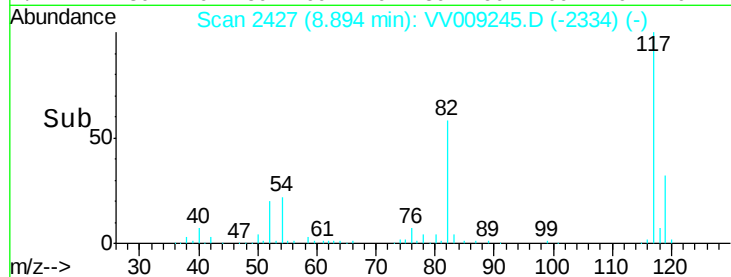
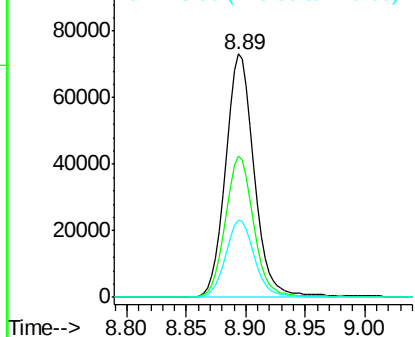


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.89 min Scan# 2427
Delta R.T. 0.00 min
Lab File: VV009245.D
Acq: 23 Jan 2019 13:34

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.9	47.0	70.6
119	31.7	25.4	38.2

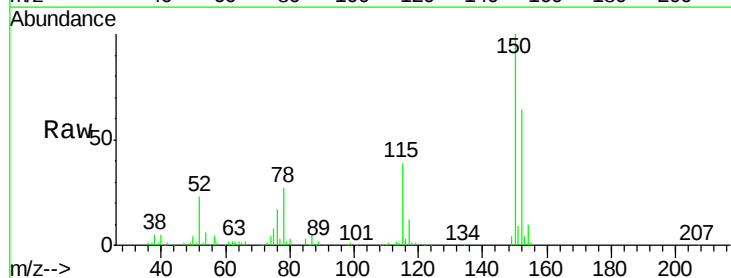


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.30 min Scan# 3174
Delta R.T. 0.00 min
Lab File: VV009245.D
Acq: 23 Jan 2019 13:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.2	45.0	134.8
150	158.1	0.0	346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

