

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062419\
 Data File : VD062845.D
 Acq On : 24 Jun 2019 17:26
 Operator : VA/AP
 Sample : K3500-01
 Misc : 5.59g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-1(9-10)

Quant Time: Jun 25 05:43:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

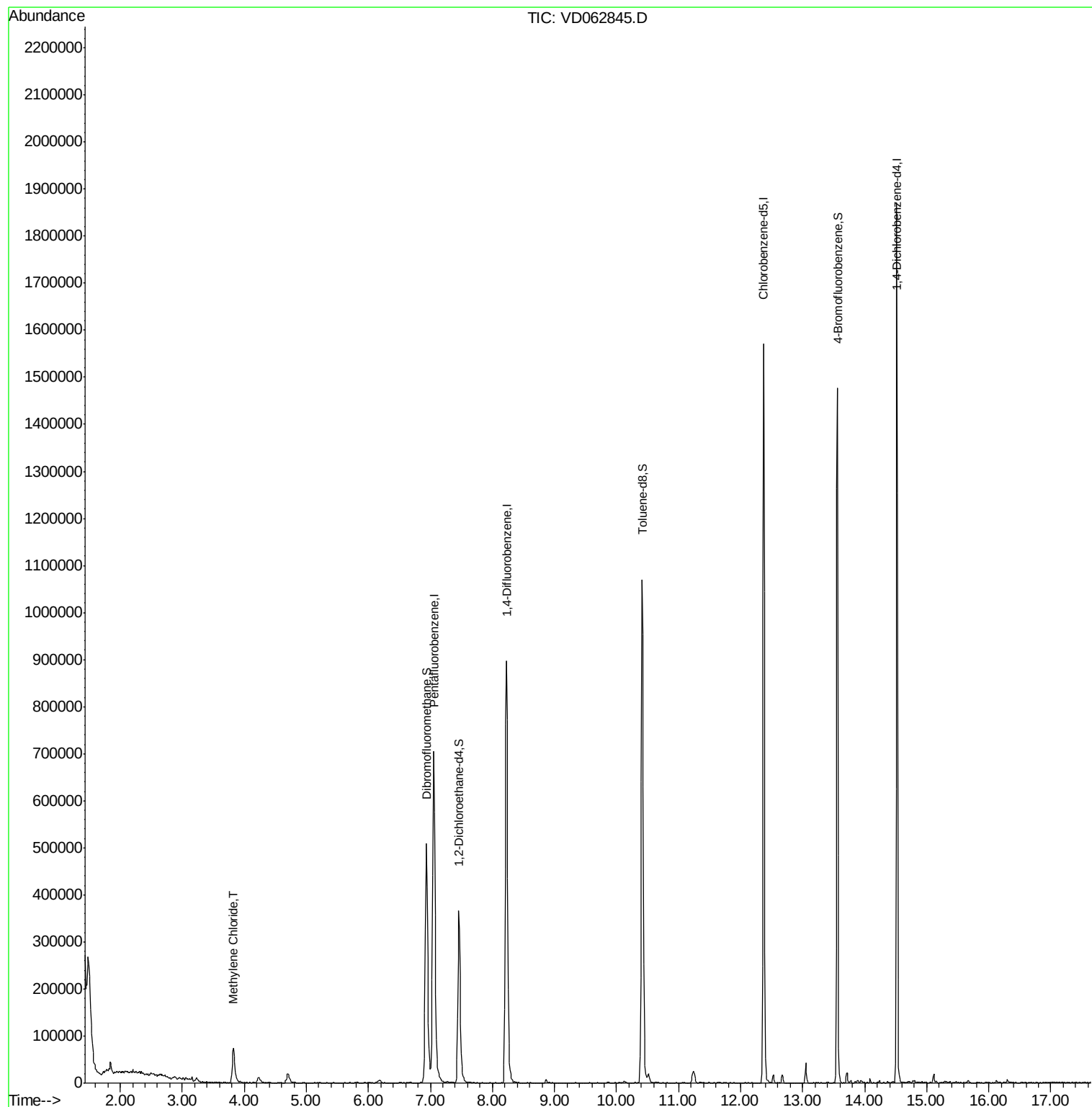
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	692116	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	956274	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	806529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	391459	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	427266	56.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.58%	
35) Dibromofluoromethane	6.94	113	444307	55.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.20%	
50) Toluene-d8	10.41	98	848572	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
62) 4-Bromofluorobenzene	13.56	95	425566	53.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.66%	
Target Compounds						
20) Methylene Chloride	3.83	84	45416	7.916	ug/l	Qvalue 87

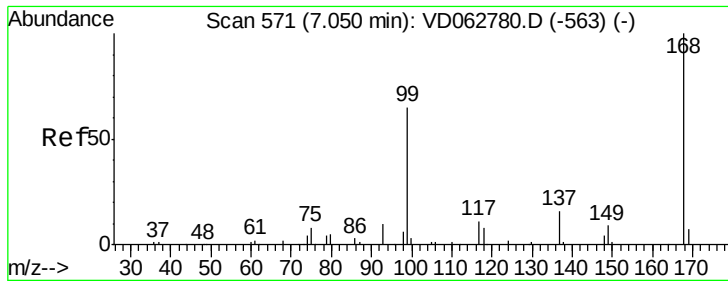
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 20 01:50:56 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD062845.D

Acq: 24 Jun 2019 17:26

Instrument :

MSVOA_D

ClientSampleId :

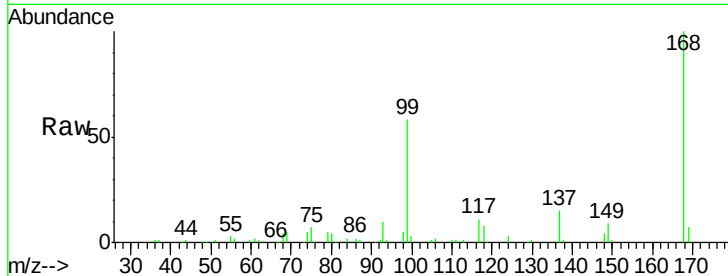
B-1(9-10)

Tot Ion:168 Resp: 692116

Ion Ratio Lower Upper

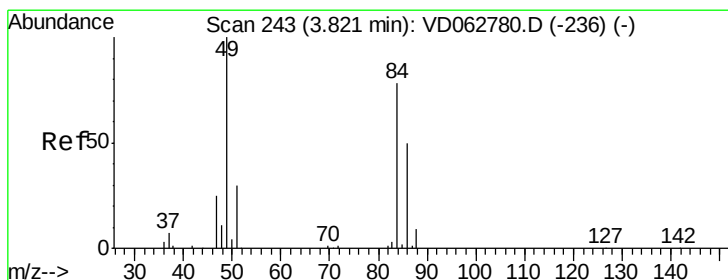
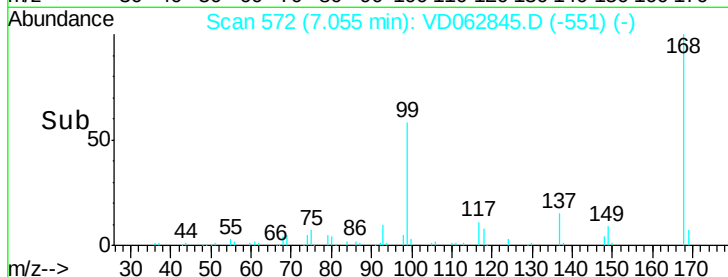
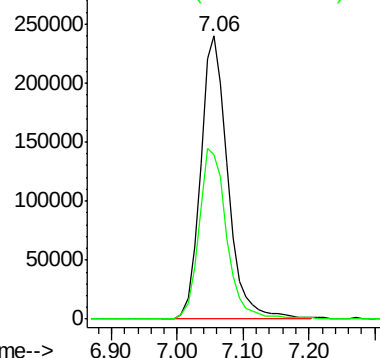
168 100

99 58.0 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 7.916 ug/l

RT: 3.83 min Scan# 244

Delta R.T. 0.01 min

Lab File: VD062845.D

Acq: 24 Jun 2019 17:26

Tgt Ion: 84 Resp: 45416

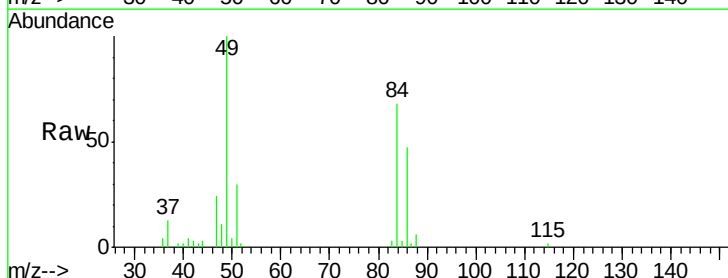
Ion Ratio Lower Upper

84 100

49 147.8 102.9 154.3

51 45.0 31.2 46.8

86 69.8 51.4 77.2

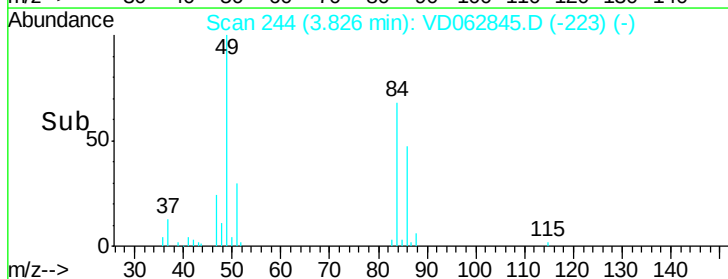
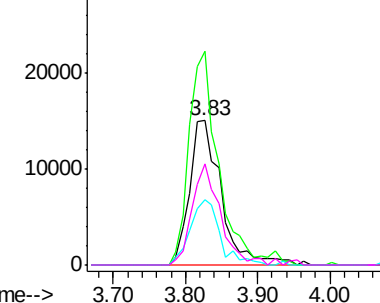


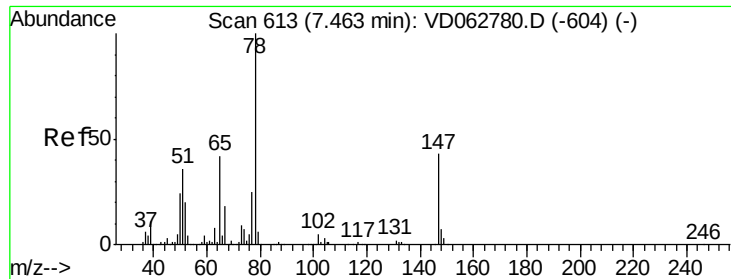
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

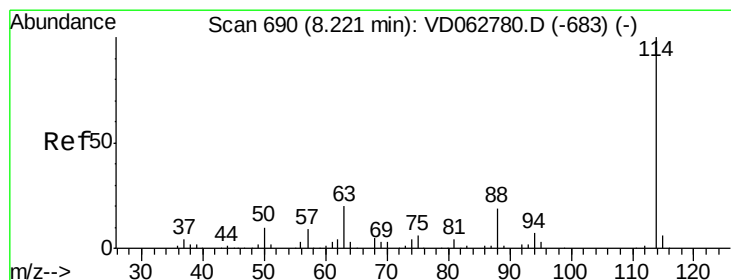
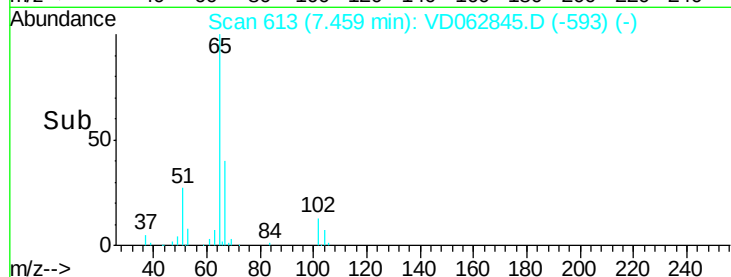
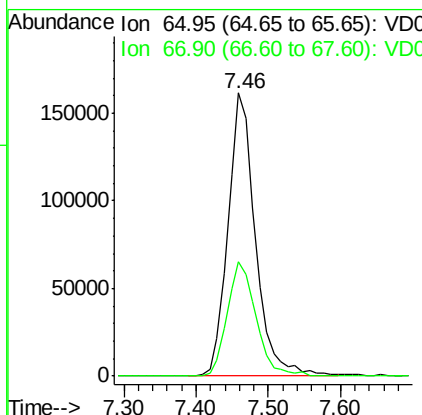
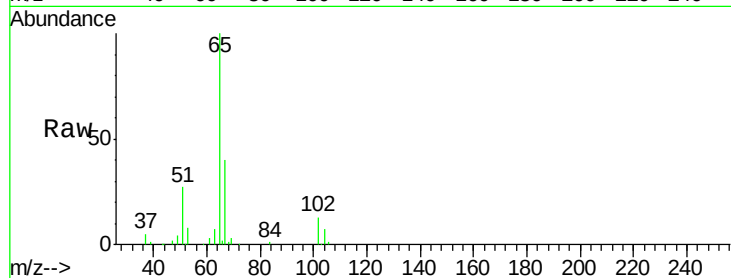




#33
 1,2-Dichloroethane-d4
 Concen: 56.793 ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: VD062845.D
 Acq: 24 Jun 2019 17:26

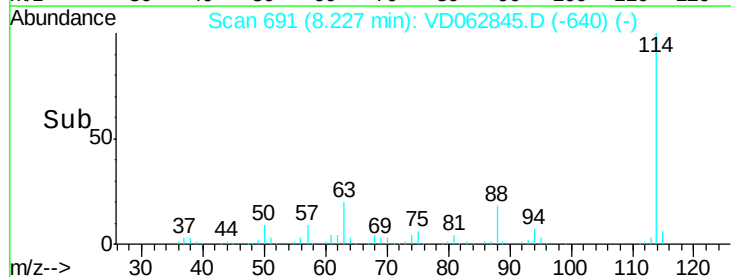
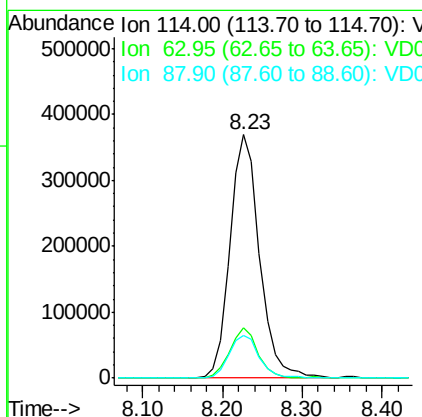
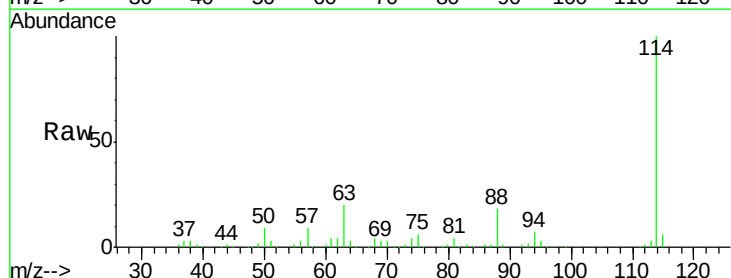
Instrument :
 MSVOA_D
 ClientSampleId :
 B-1(9-10)

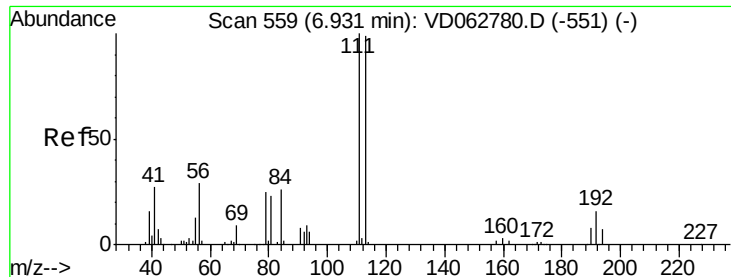
Tot Ion: 65 Resp: 427266
 Ion Ratio Lower Upper
 65 100
 67 40.5 0.0 87.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD062845.D
 Acq: 24 Jun 2019 17:26

Tgt Ion: 114 Resp: 956274
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.0
 88 17.7 0.0 38.8





#35

Dibromofluoromethane

Concen: 55.103 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD062845.D

Acq: 24 Jun 2019 17:26

Instrument :

MSVOA_D

ClientSampleId :

B-1(9-10)

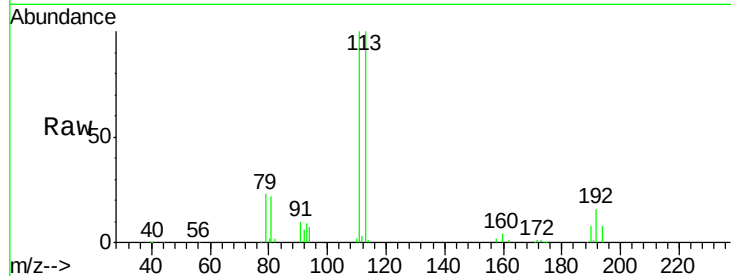
Tot Ion:113 Resp: 444307

Ion Ratio Lower Upper

113 100

111 99.7 81.2 121.8

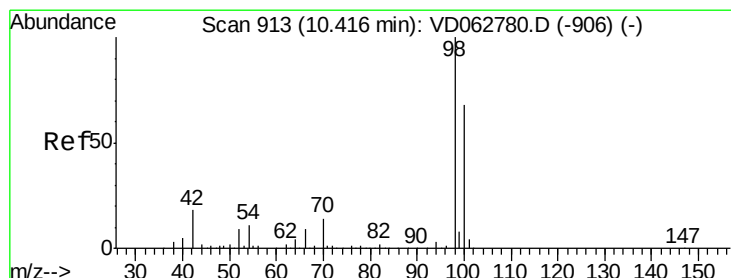
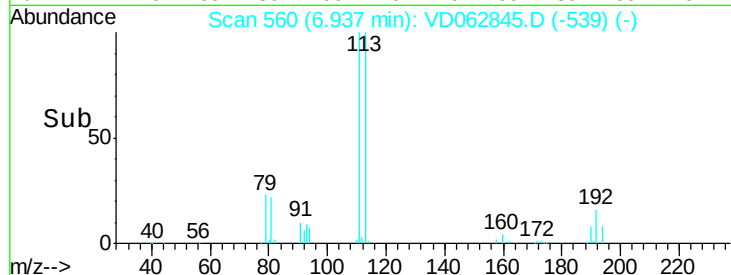
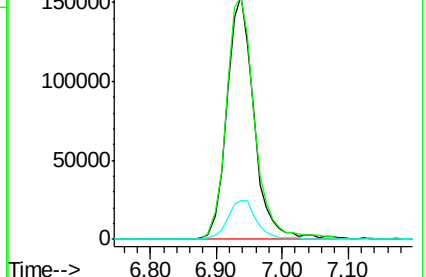
192 16.0 12.9 19.3



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: 48.353 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.00 min

Lab File: VD062845.D

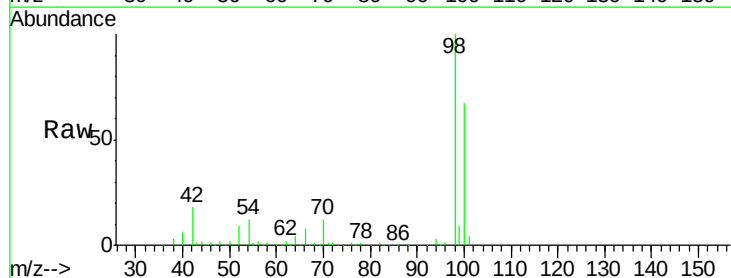
Acq: 24 Jun 2019 17:26

Tgt Ion: 98 Resp: 848572

Ion Ratio Lower Upper

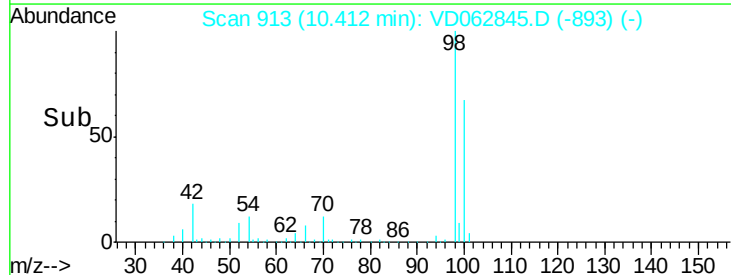
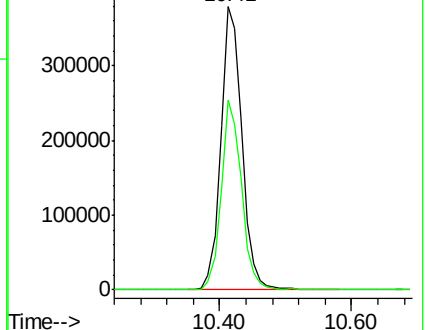
98 100

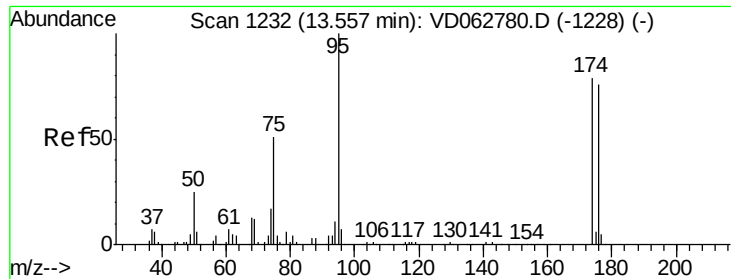
100 67.0 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 53.330 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062845.D

Acq: 24 Jun 2019 17:26

Instrument :

MSVOA_D

ClientSampleId :

B-1(9-10)

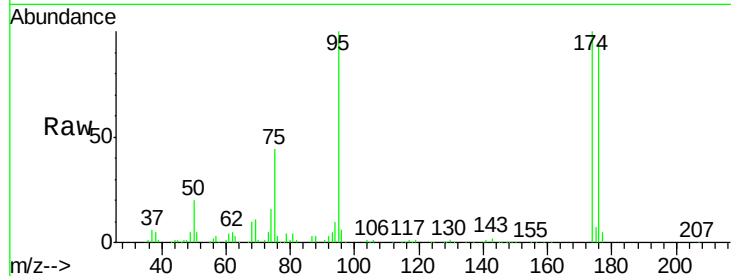
Tot Ion: 95 Resp: 425566

Ion Ratio Lower Upper

95 100

174 99.8 0.0 158.0

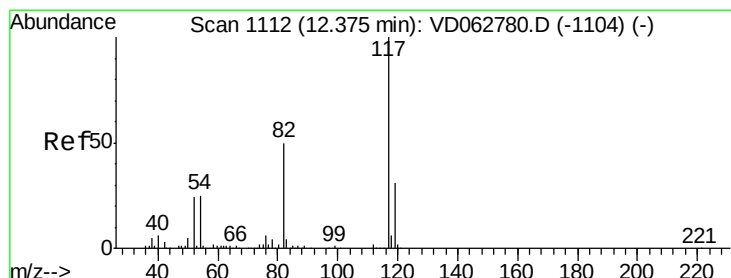
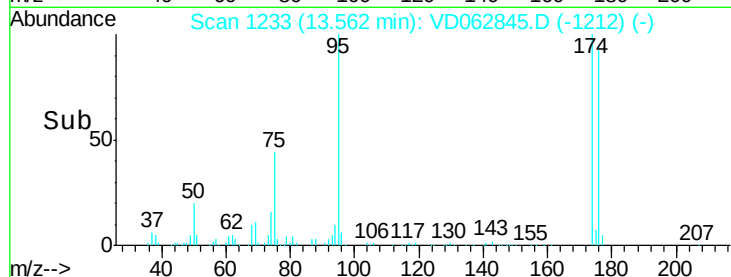
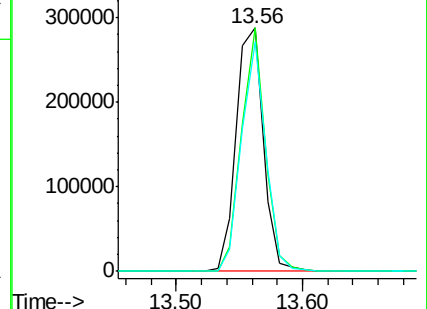
176 94.3 0.0 151.6



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: 12.37 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VD062845.D

Acq: 24 Jun 2019 17:26

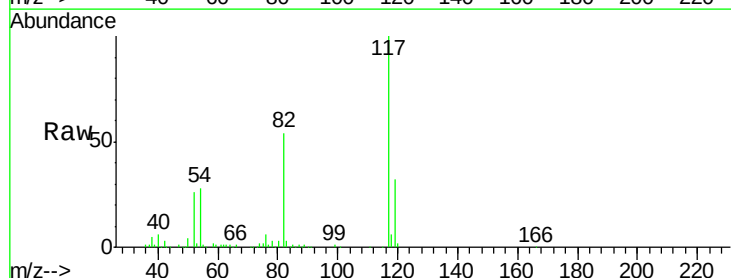
Tgt Ion: 117 Resp: 806529

Ion Ratio Lower Upper

117 100

82 53.9 40.4 60.6

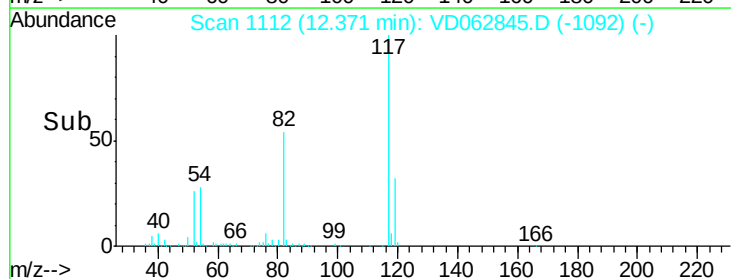
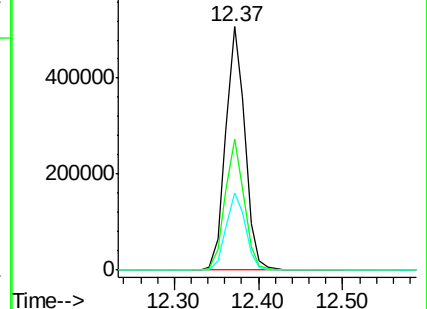
119 31.9 25.2 37.8

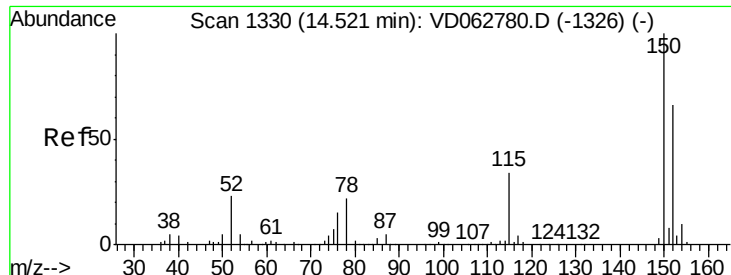


Abundance Ion 116.95 (116.65 to 117.65): V

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. -0.00 min

Lab File: VD062845.D

Acq: 24 Jun 2019 17:26

Instrument :

MSVOA_D

ClientSampleId :

B-1(9-10)

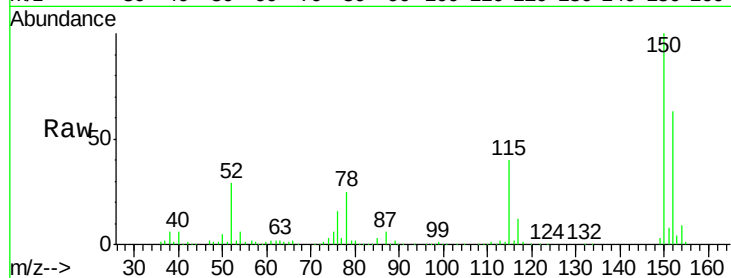
Tot Ion:152 Resp: 391459

Ion Ratio Lower Upper

152 100

115 63.1 29.2 87.6

150 158.8 0.0 305.8



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

