

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062419\
 Data File : VD062846.D
 Acq On : 24 Jun 2019 17:53
 Operator : VA/AP
 Sample : K3500-02
 Misc : 5.01g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-2(9-10)

Quant Time: Jun 25 05:45:13 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

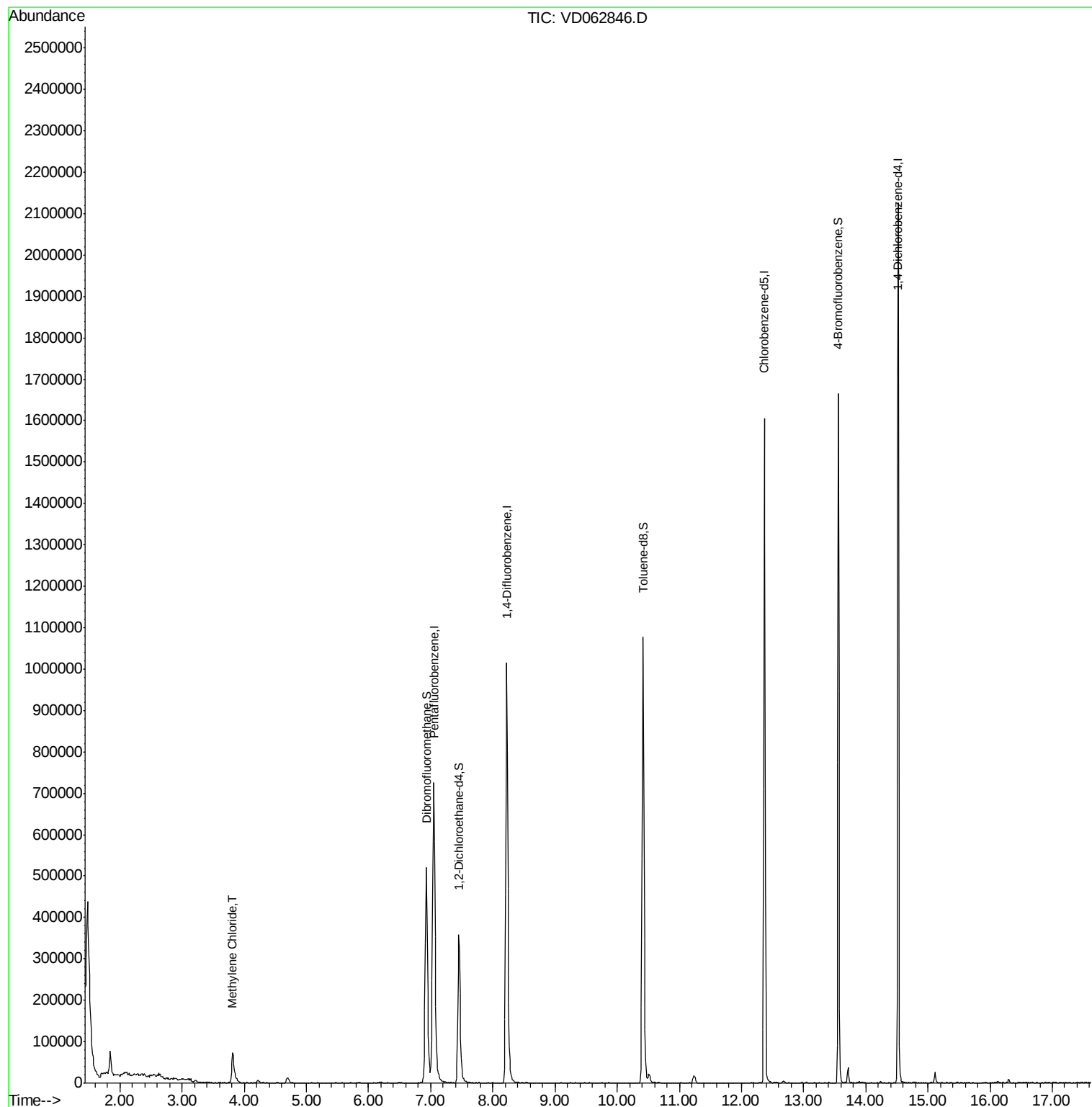
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	699291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1022069	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	823678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	454520	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	416837	54.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.68%	
35) Dibromofluoromethane	6.93	113	439904	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.08%	
50) Toluene-d8	10.42	98	870312	46.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.80%	
62) 4-Bromofluorobenzene	13.56	95	430677	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.00%	
Target Compounds						
20) Methylene Chloride	3.81	84	44532	7.682	ug/l #	Qvalue 79

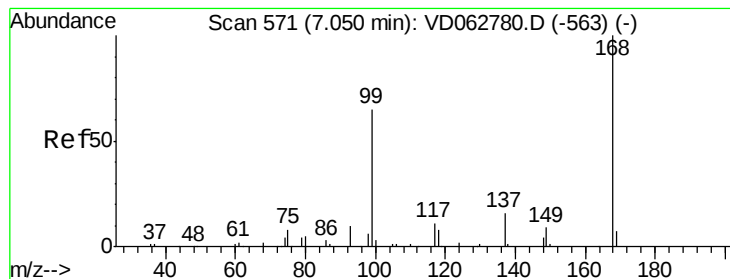
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062419\
Data File : VD062846.D
Acq On : 24 Jun 2019 17:53
Operator : VA/AP
Sample : K3500-02
Misc : 5.01a/5ml/MSVOA D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-2(9-10)

Quant Time: Jun 25 05:45:13 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.00 min

Lab File: VD062846.D

Acq: 24 Jun 2019 17:53

Instrument :

MSVOA_D

ClientSampleId :

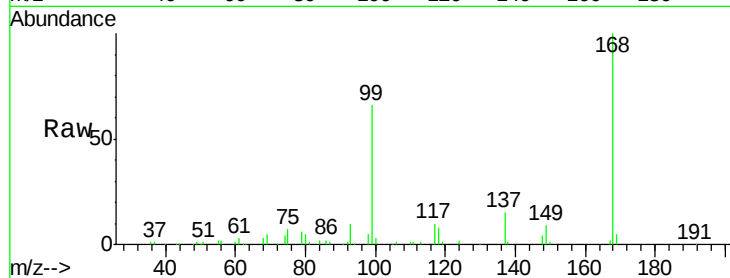
B-2(9-10)

Tot Ion:168 Resp: 699291

Ion Ratio Lower Upper

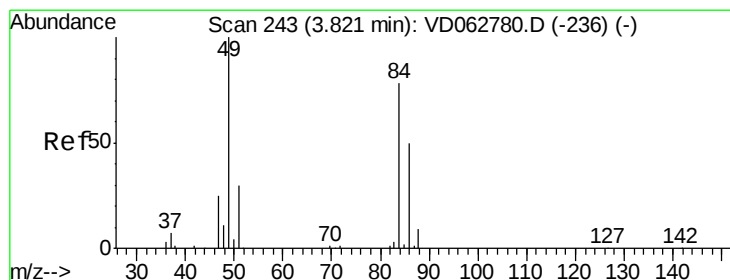
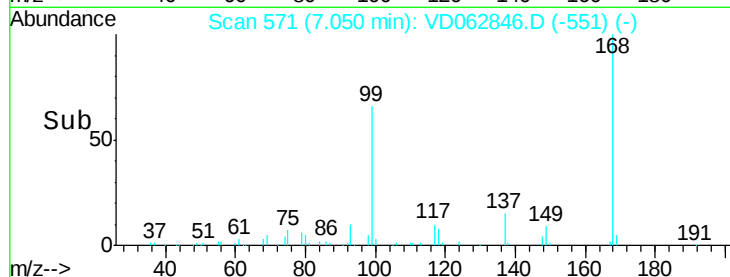
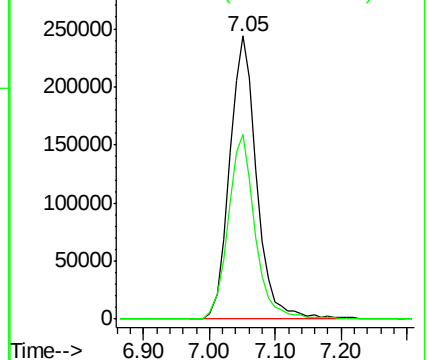
168 100

99 65.5 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: 7.682 ug/l

RT: 3.81 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD062846.D

Acq: 24 Jun 2019 17:53

Tgt Ion: 84 Resp: 44532

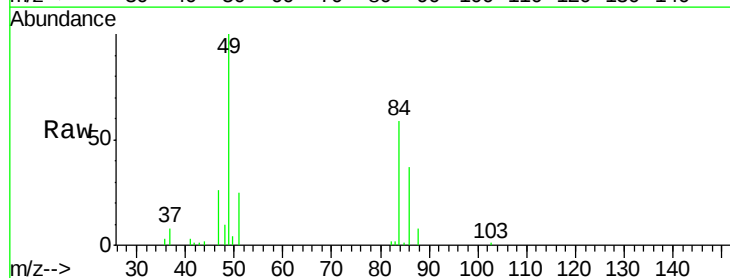
Ion Ratio Lower Upper

84 100

49 168.5 102.9 154.3#

51 42.6 31.2 46.8

86 63.1 51.4 77.2

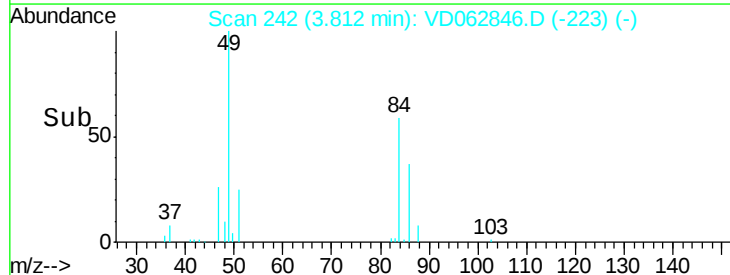
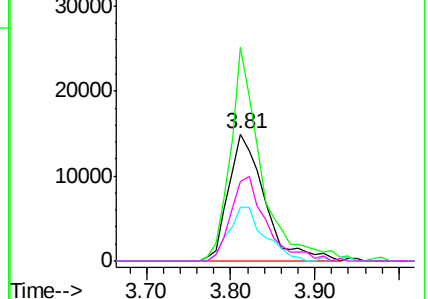


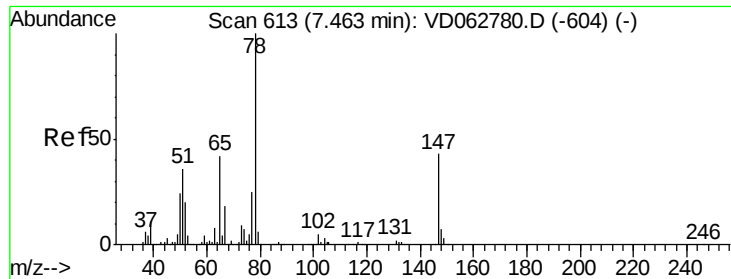
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 54.838 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD062846.D

Acq: 24 Jun 2019 17:53

Instrument :

MSVOA_D

ClientSampleId :

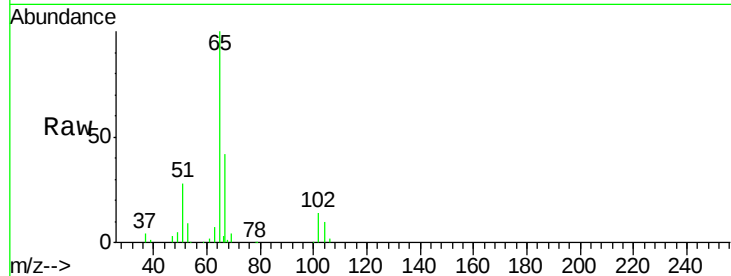
B-2(9-10)

Tot Ion: 65 Resp: 416837

Ion Ratio Lower Upper

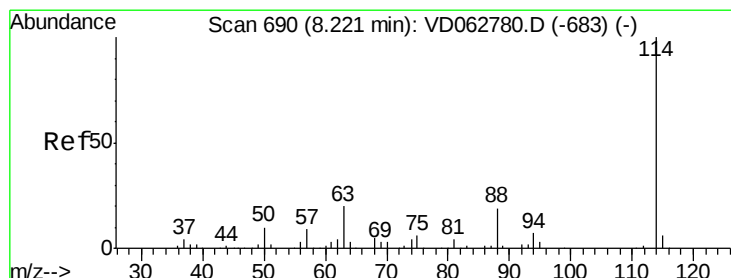
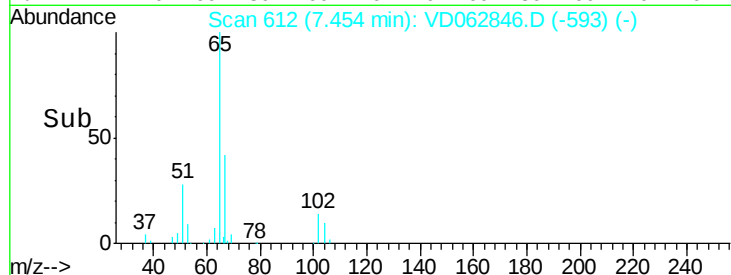
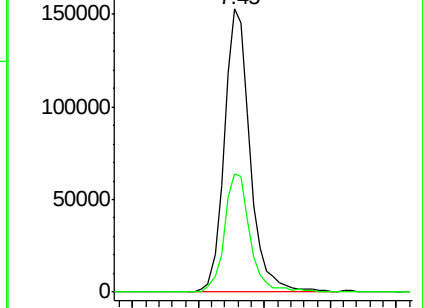
65 100

67 42.0 0.0 87.4



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: 8.22 min Scan# 690

Delta R.T. 0.00 min

Lab File: VD062846.D

Acq: 24 Jun 2019 17:53

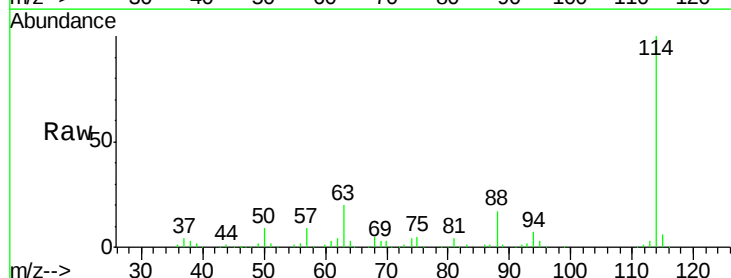
Tgt Ion: 114 Resp: 1022069

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

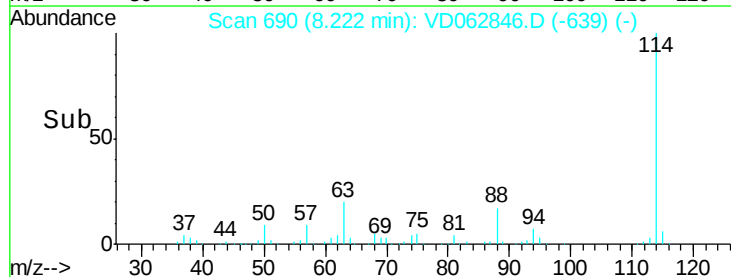
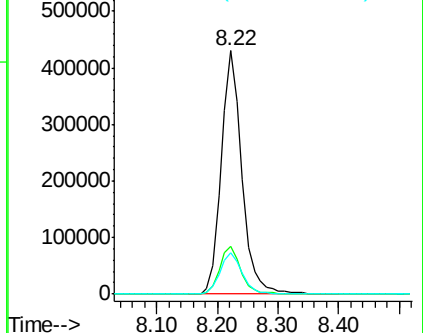
88 17.0 0.0 38.8

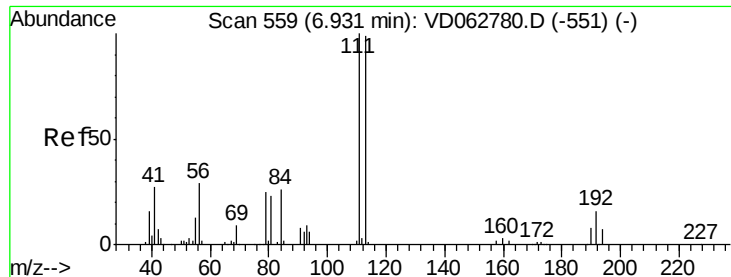


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 51.045 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.00 min

Lab File: VD062846.D

Acq: 24 Jun 2019 17:53

Instrument :

MSVOA_D

ClientSampleId :

B-2(9-10)

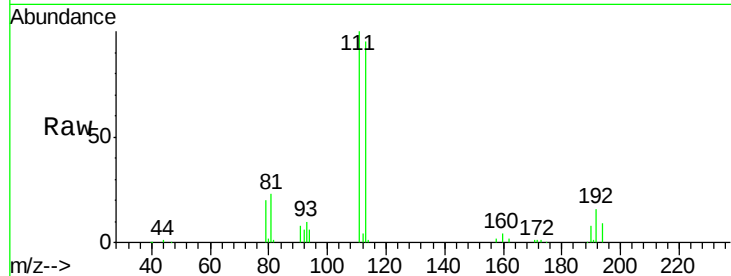
Tot Ion:113 Resp: 439904

Ion Ratio Lower Upper

113 100

111 104.8 81.2 121.8

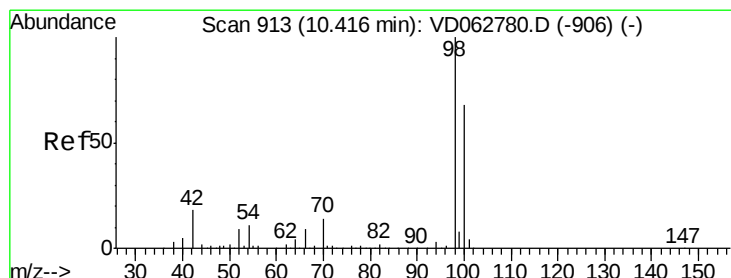
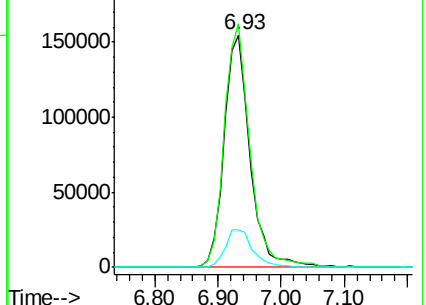
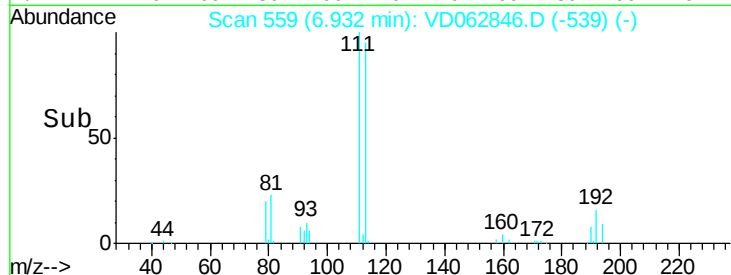
192 16.3 12.9 19.3



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: 46.400 ug/l

RT: 10.42 min Scan# 913

Delta R.T. 0.00 min

Lab File: VD062846.D

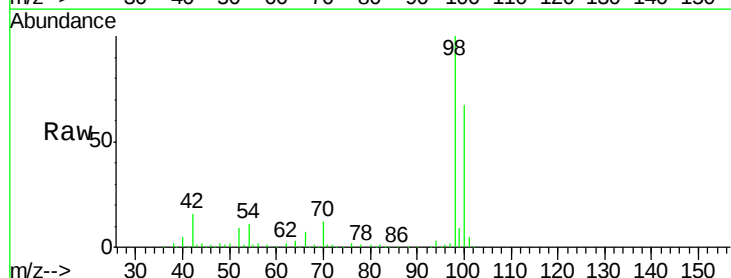
Acq: 24 Jun 2019 17:53

Tgt Ion: 98 Resp: 870312

Ion Ratio Lower Upper

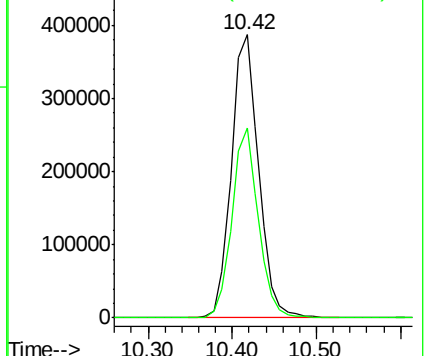
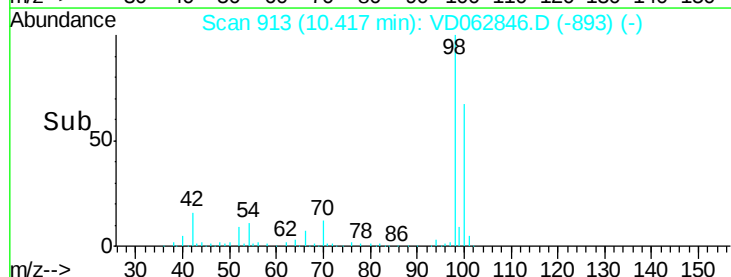
98 100

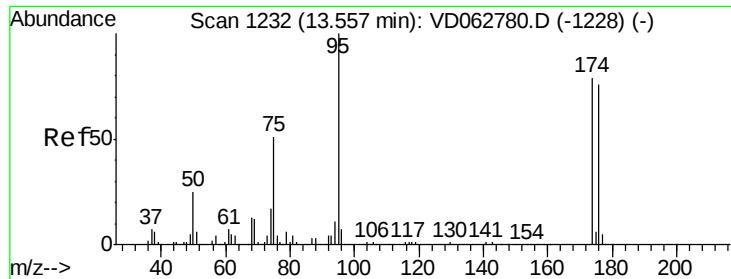
100 67.3 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 50.496 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD062846.D

Acq: 24 Jun 2019 17:53

Instrument :

MSVOA_D

ClientSampleId :

B-2(9-10)

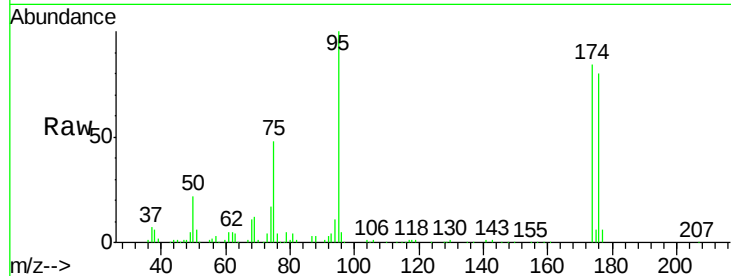
Tot Ion: 95 Resp: 430677

Ion Ratio Lower Upper

95 100

174 84.3 0.0 158.0

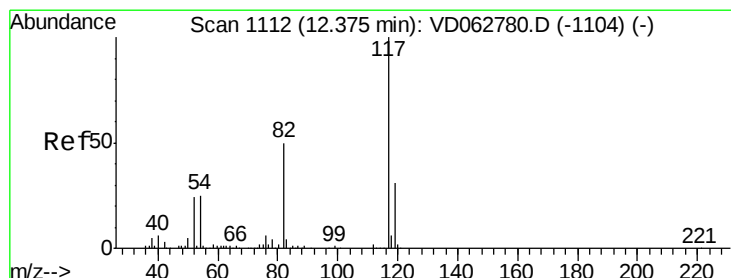
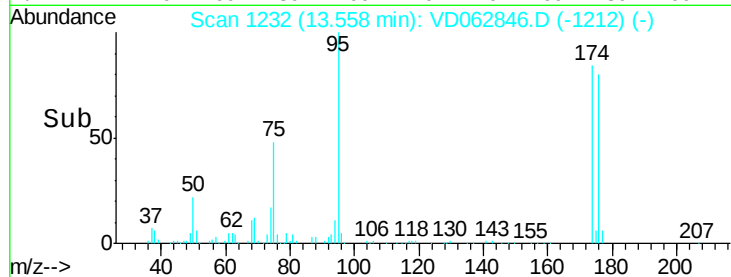
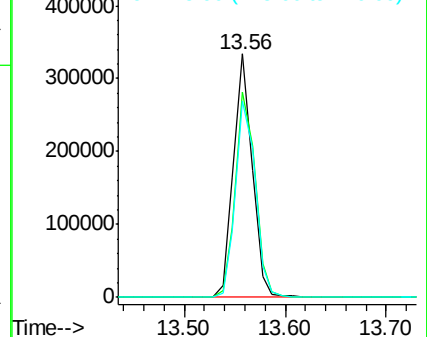
176 80.5 0.0 151.6



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# 1111

Delta R.T. -0.01 min

Lab File: VD062846.D

Acq: 24 Jun 2019 17:53

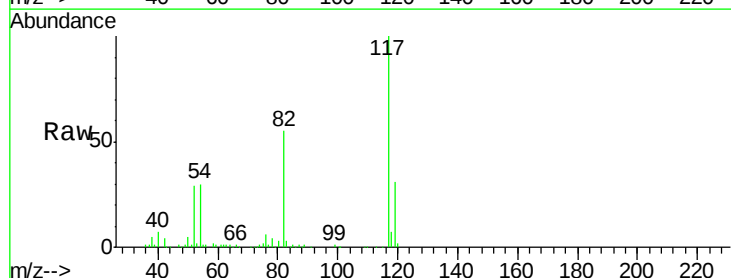
Tgt Ion: 117 Resp: 823678

Ion Ratio Lower Upper

117 100

82 54.6 40.4 60.6

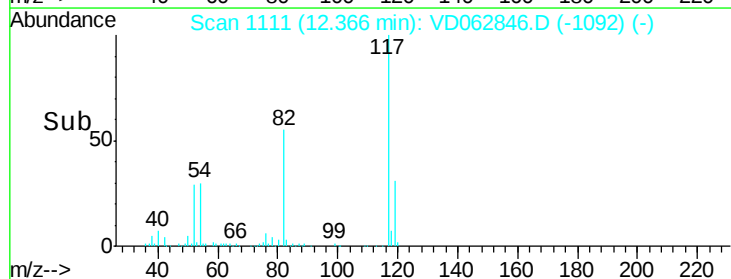
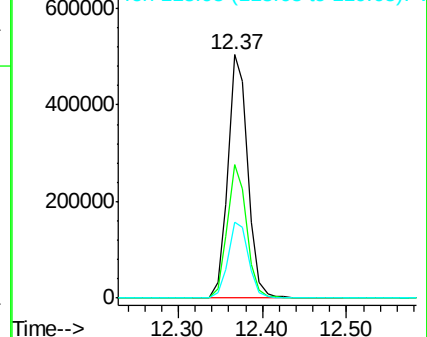
119 31.2 25.2 37.8

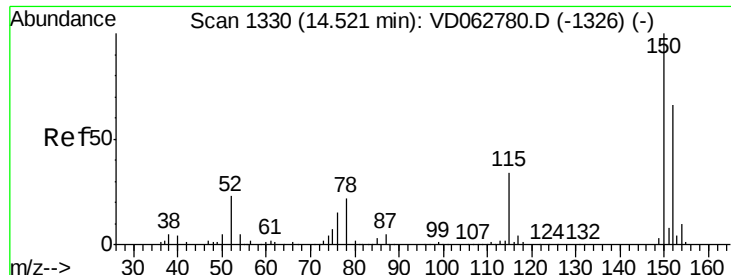


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD062846.D

Acq: 24 Jun 2019 17:53

Instrument :

MSVOA_D

ClientSampleId :

B-2(9-10)

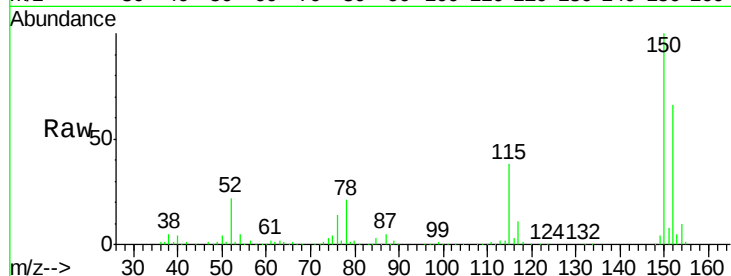
Tot Ion:152 Resp: 454520

Ion Ratio Lower Upper

152 100

115 57.3 29.2 87.6

150 152.5 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

