

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062419\
 Data File : VD062847.D
 Acq On : 24 Jun 2019 18:20
 Operator : VA/AP
 Sample : K3500-03
 Misc : 6.81g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-3(9-10)

Quant Time: Jun 25 05:47:05 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

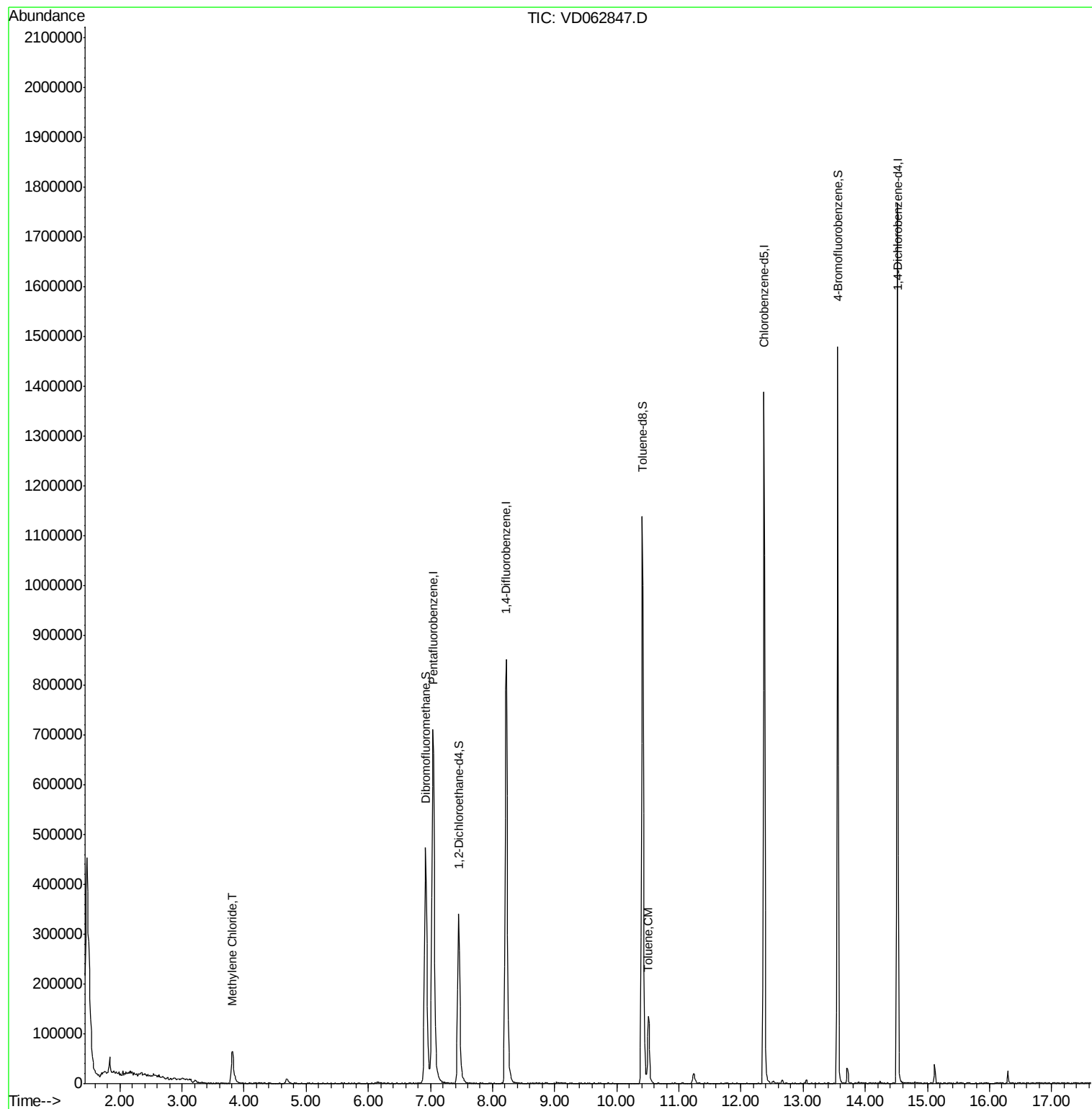
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	685938	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	910596	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	724789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	433542	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	398977	53.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.02%	
35) Dibromofluoromethane	6.92	113	413852	53.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.80%	
50) Toluene-d8	10.41	98	857701	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.66%	
62) 4-Bromofluorobenzene	13.56	95	382057	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
Target Compounds						
20) Methylene Chloride	3.81	84	38649	6.797	ug/l	88
52) Toluene	10.51	92	64115	5.512	ug/l	97

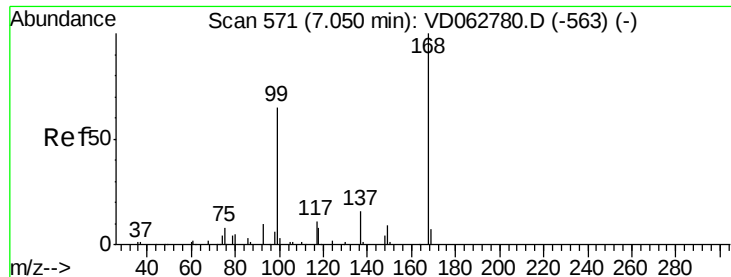
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD062847.D

Acq: 24 Jun 2019 18:20

Instrument :

MSVOA_D

ClientSampled :

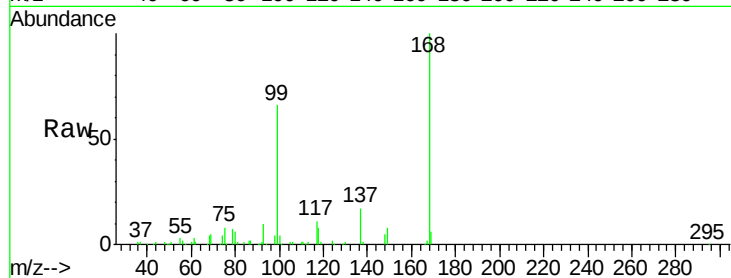
B-3(9-10)

Tot Ion:168 Resp: 685938

Ion Ratio Lower Upper

168 100

99 65.8 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

250000

200000

150000

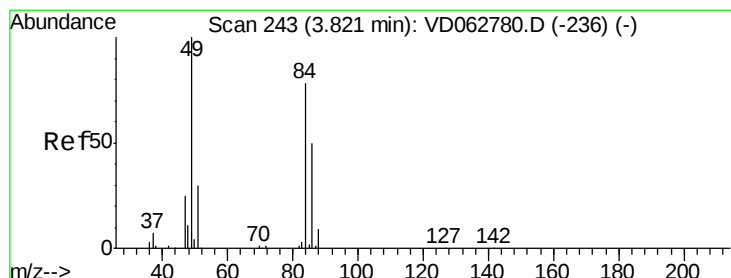
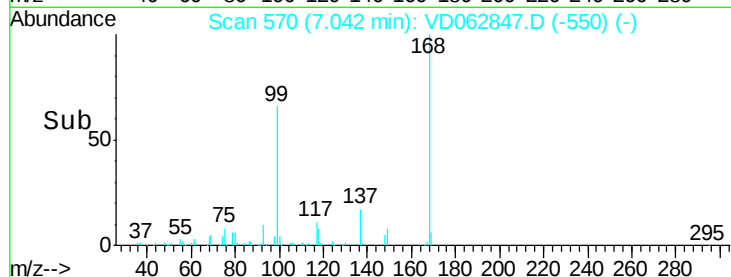
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#20

Methylene Chloride

Concen: 6.797 ug/l

RT: 3.81 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD062847.D

Acq: 24 Jun 2019 18:20

Tgt Ion: 84 Resp: 38649

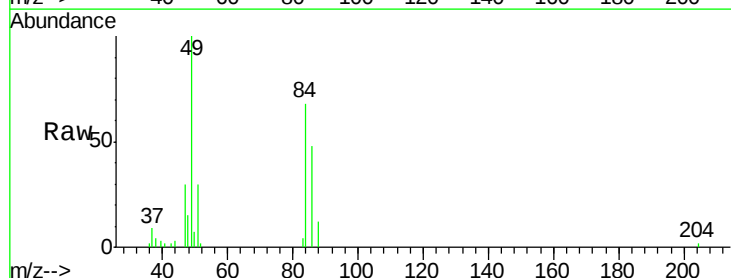
Ion Ratio Lower Upper

84 100

49 147.0 102.9 154.3

51 43.9 31.2 46.8

86 70.1 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

30000

25000

20000

15000

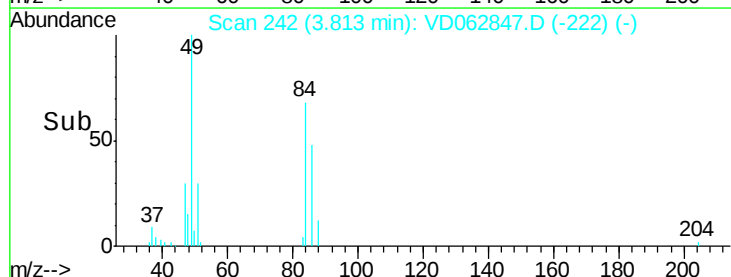
10000

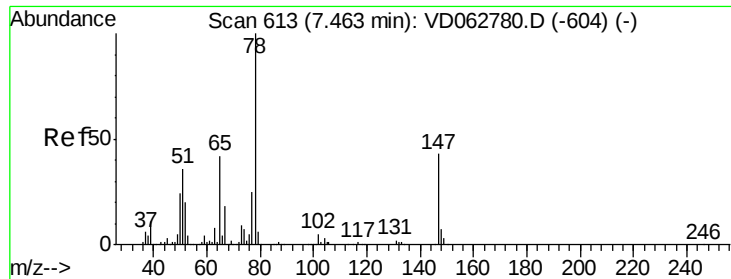
5000

0

Time-->

3.70 3.80 3.90





#33

1,2-Dichloroethane-d4

Concen: 53.511 ug/l

RT: 7.46 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD062847.D

Acq: 24 Jun 2019 18:20

Instrument :

MSVOA_D

ClientSampleId :

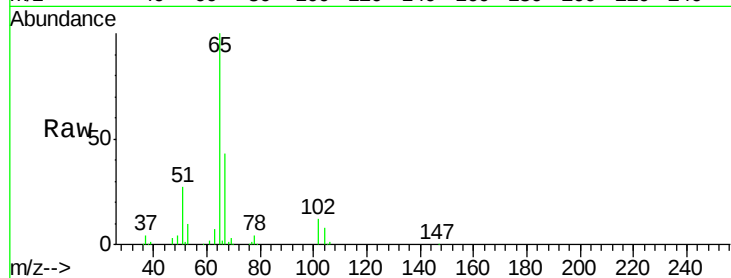
B-3(9-10)

Tot Ion: 65 Resp: 398977

Ion Ratio Lower Upper

65 100

67 43.1 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

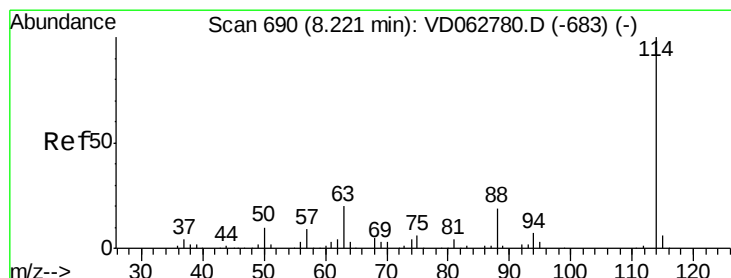
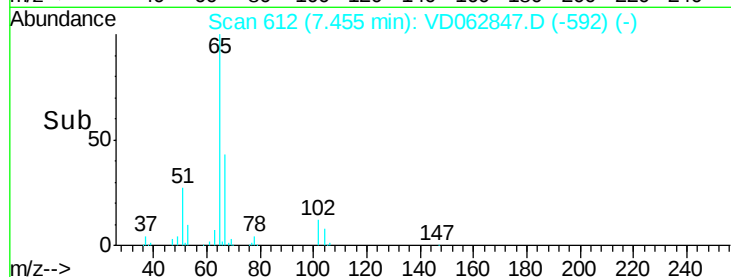
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.00 min

Lab File: VD062847.D

Acq: 24 Jun 2019 18:20

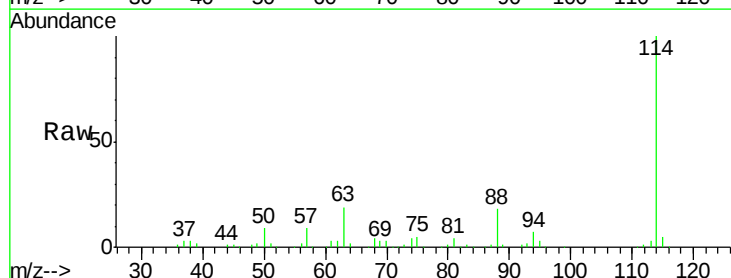
Tgt Ion: 114 Resp: 910596

Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

88 18.3 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

8.22

500000

400000

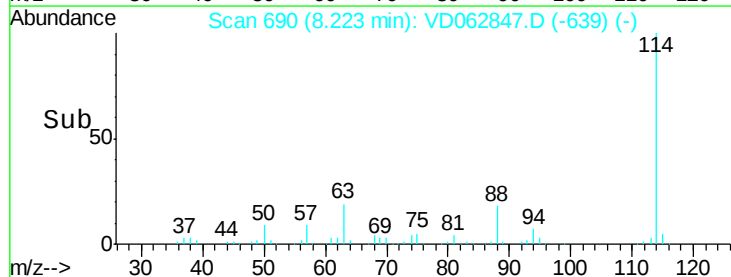
300000

200000

100000

0

Time-->

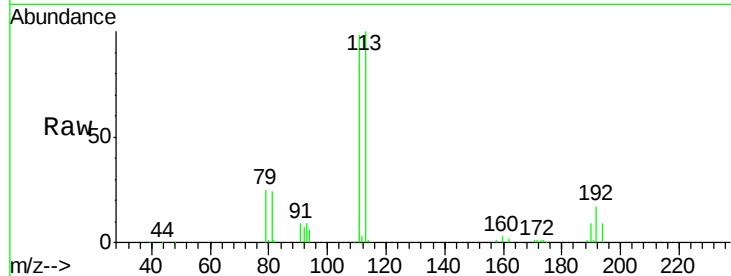




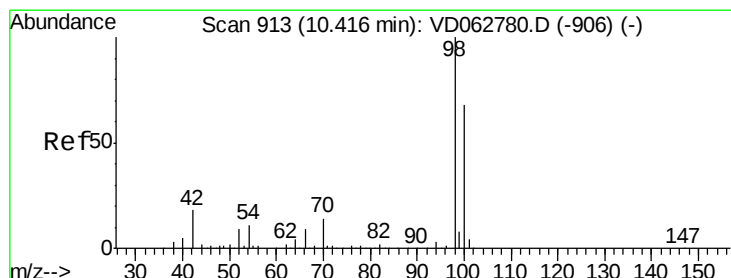
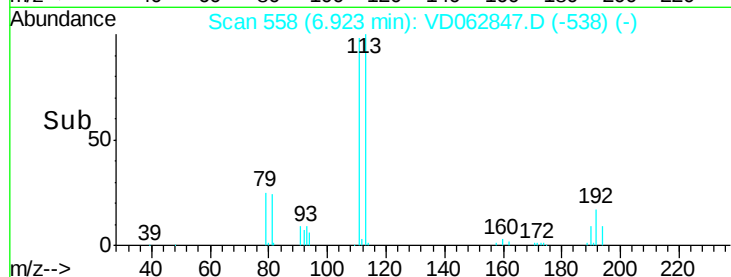
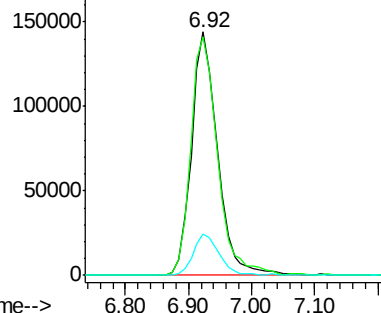
#35
Dibromofluoromethane
Concen: 53.900 ug/l
RT: 6.92 min Scan# 558
Delta R.T. -0.01 min
Lab File: VD062847.D
Acq: 24 Jun 2019 18:20

Instrument :
MSVOA_D
ClientSampleId :
B-3(9-10)

Tot Ion:113 Resp: 413852
Ion Ratio Lower Upper
113 100
111 97.9 81.2 121.8
192 17.2 12.9 19.3

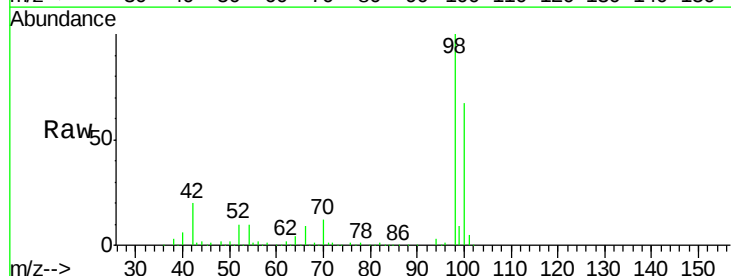


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

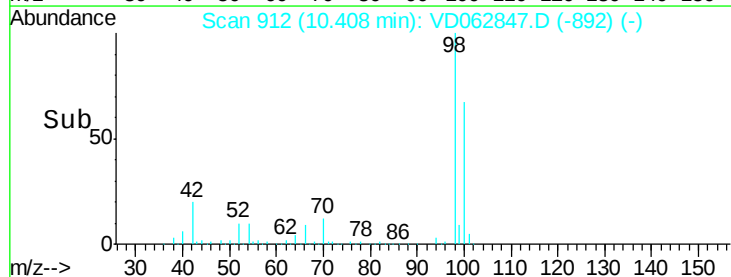
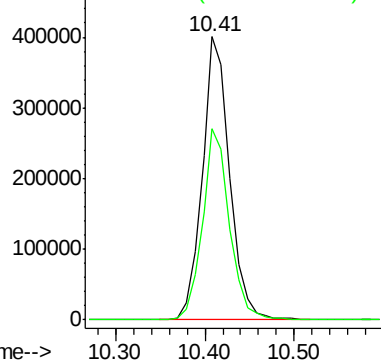


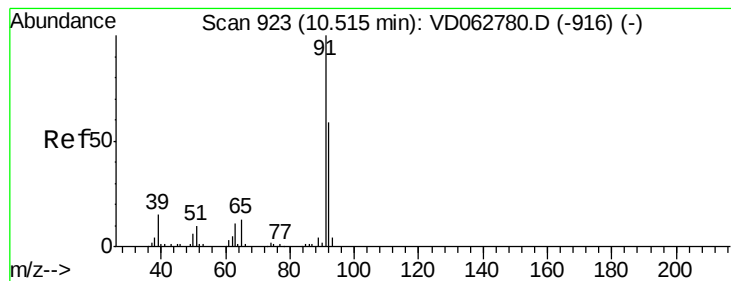
#50
Toluene-d8
Concen: 51.325 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD062847.D
Acq: 24 Jun 2019 18:20

Tgt Ion: 98 Resp: 857701
Ion Ratio Lower Upper
98 100
100 67.4 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC





#52

Toluene

Concen: 5.512 ug/l

RT: 10.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: VD062847.D

Acq: 24 Jun 2019 18:20

Instrument :

MSVOA_D

ClientSampleId :

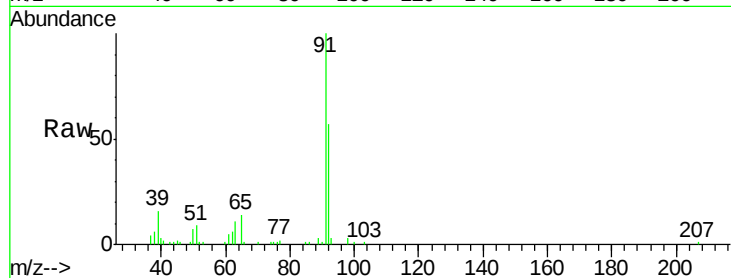
B-3(9-10)

Tot Ion: 92 Resp: 64115

Ion Ratio Lower Upper

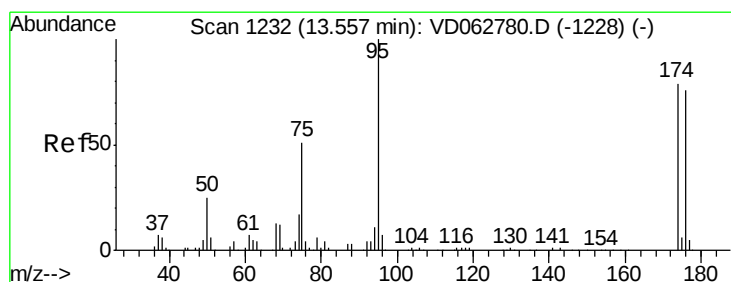
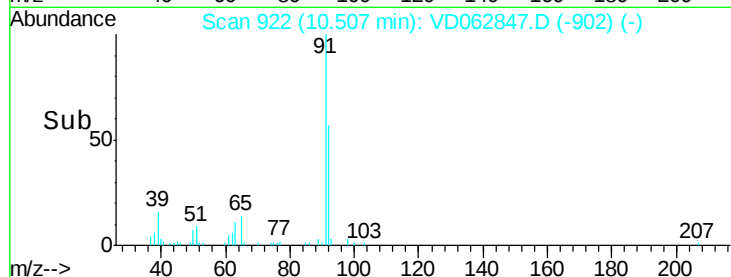
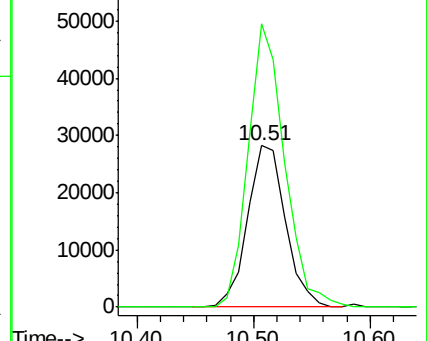
92 100

91 175.1 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: 50.280 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD062847.D

Acq: 24 Jun 2019 18:20

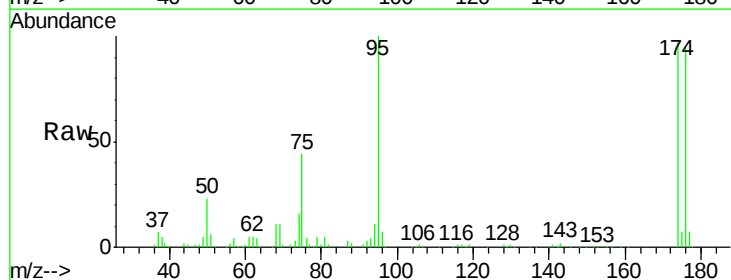
Tgt Ion: 95 Resp: 382057

Ion Ratio Lower Upper

95 100

174 97.8 0.0 158.0

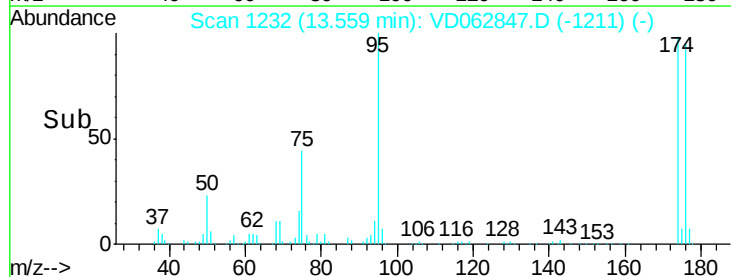
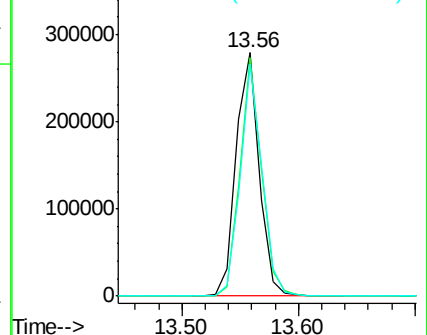
176 95.3 0.0 151.6

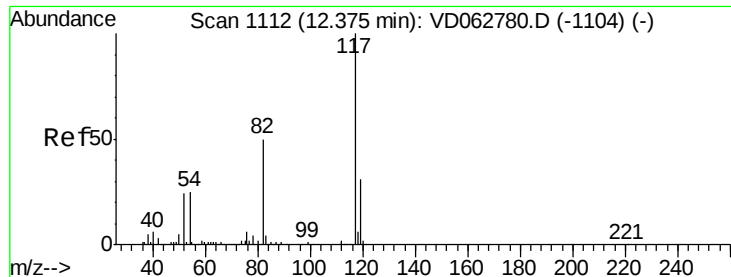


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

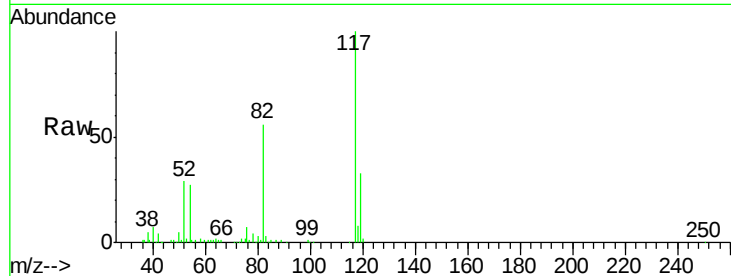




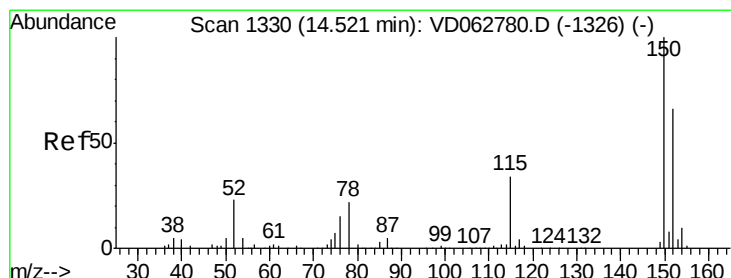
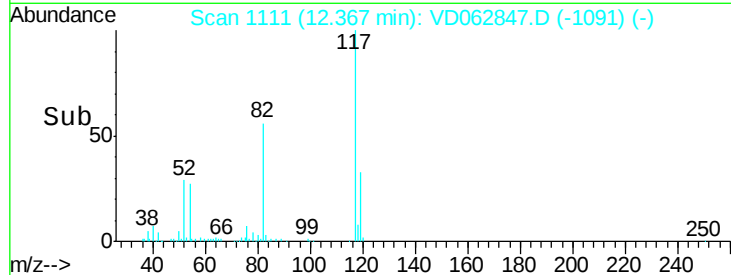
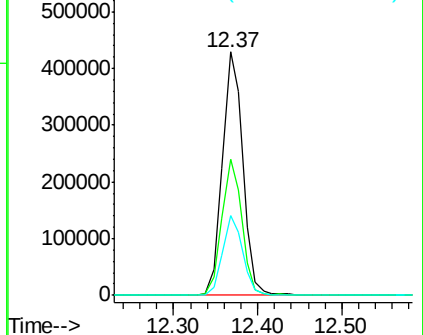
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD062847.D
Acq: 24 Jun 2019 18:20

Instrument :
MSVOA_D
ClientSampleId :
B-3(9-10)

Tot Ion:117 Resp: 724789
Ion Ratio Lower Upper
117 100
82 55.7 40.4 60.6
119 32.9 25.2 37.8

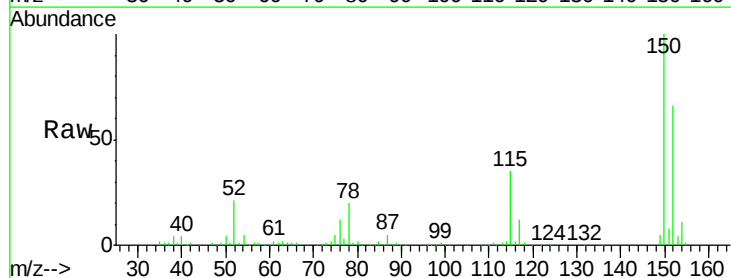


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062847.D
Acq: 24 Jun 2019 18:20

Tgt Ion:152 Resp: 433542
Ion Ratio Lower Upper
152 100
115 52.4 29.2 87.6
150 151.5 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

