

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062419\
 Data File : VD062842.D
 Acq On : 24 Jun 2019 16:04
 Operator : VA/AP
 Sample : K3499-04
 Misc : 5.37g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-4(8-9)

Quant Time: Jun 25 05:40:19 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

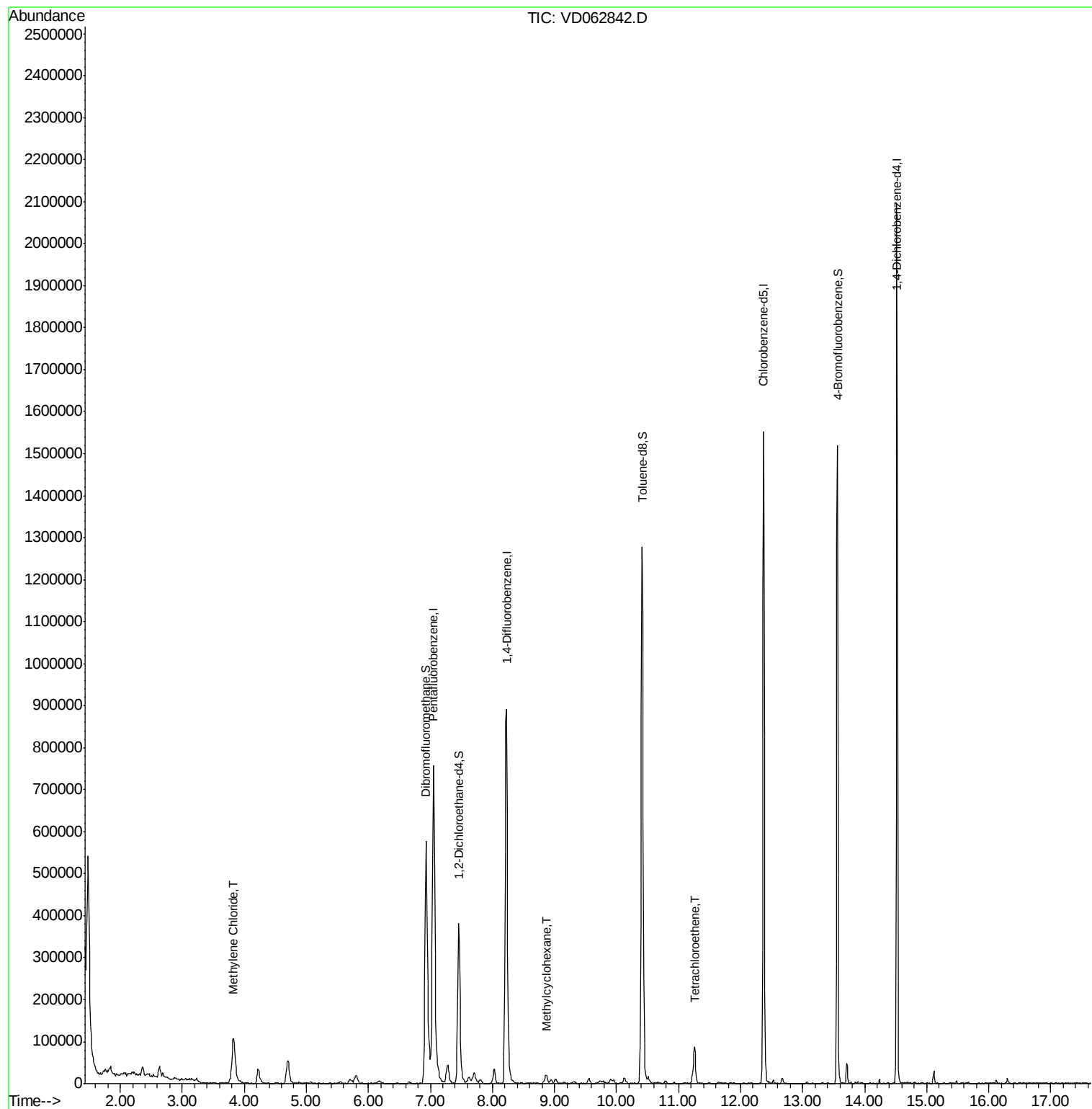
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	734305	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	952689	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	797520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	438410	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	457411	57.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.62%	
35) Dibromofluoromethane	6.93	113	491017	61.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.24%	
50) Toluene-d8	10.41	98	1003230	57.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.76%	
62) 4-Bromofluorobenzene	13.56	95	430916	54.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.40%	
Target Compounds						
20) Methylene Chloride	3.82	84	44033	7.234	ug/l	94
39) Methylcyclohexane	8.86	83	9968	1.256	ug/l	87
64) Tetrachloroethene	11.26	164	22626	3.447	ug/l	93

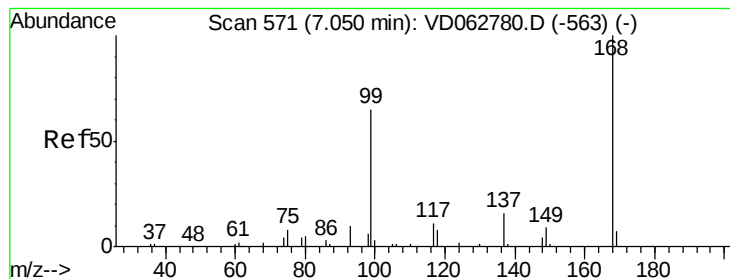
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD062842.D

Acq: 24 Jun 2019 16:04

Instrument :

MSVOA_D

ClientSampleID :

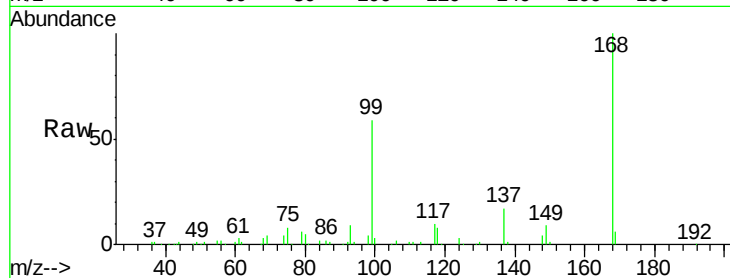
B-4(8-9)

Tot Ion:168 Resp: 734305

Ion Ratio Lower Upper

168 100

99 58.6 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

250000

200000

150000

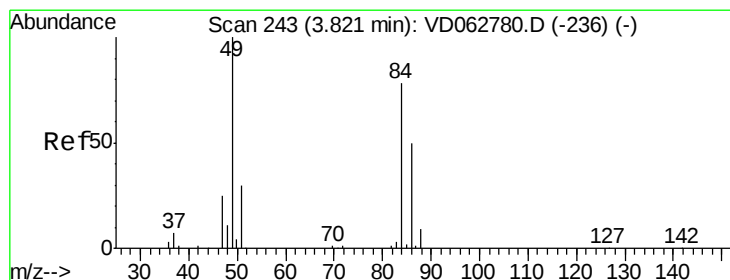
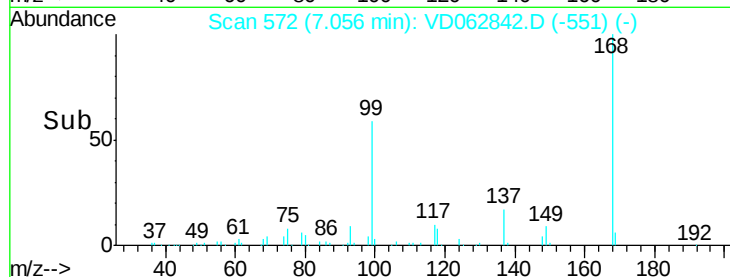
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#20

Methylene Chloride

Concen: 7.234 ug/l

RT: 3.82 min Scan# 243

Delta R.T. -0.00 min

Lab File: VD062842.D

Acq: 24 Jun 2019 16:04

Tgt Ion: 84 Resp: 44033

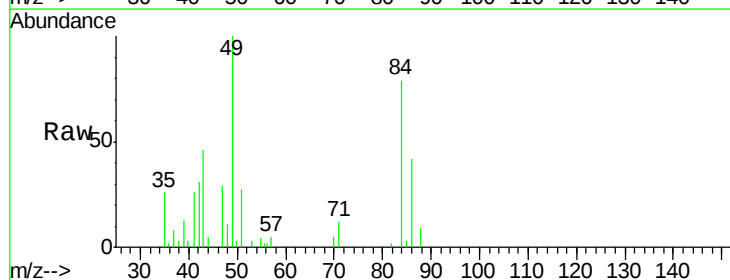
Ion Ratio Lower Upper

84 100

49 126.8 102.9 154.3

51 33.8 31.2 46.8

86 53.9 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

3.82

30000

25000

20000

15000

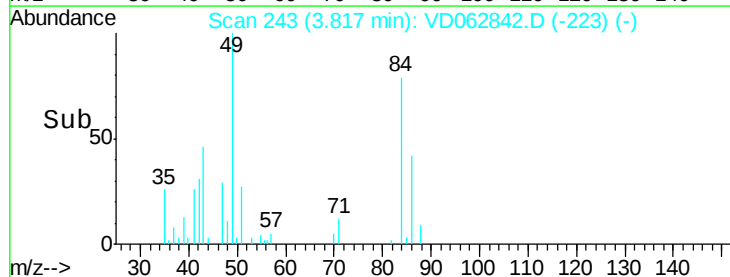
10000

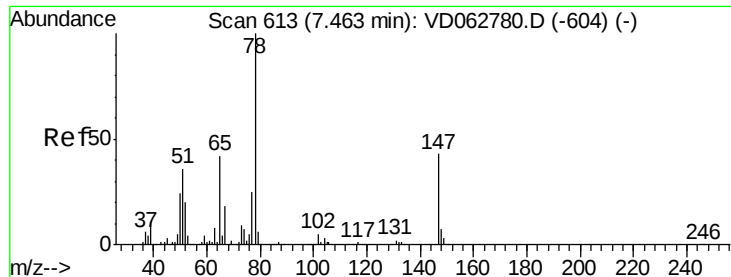
5000

0

3.70 3.80 3.90 4.00

Time-->





#33

1,2-Dichloroethane-d4

Concen: 57.307 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.00 min

Lab File: VD062842.D

Acq: 24 Jun 2019 16:04

Instrument :

MSVOA_D

ClientSampleId :

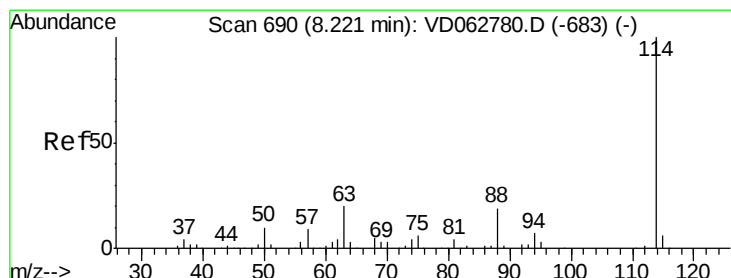
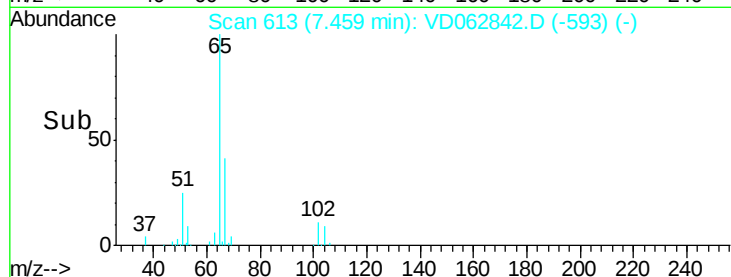
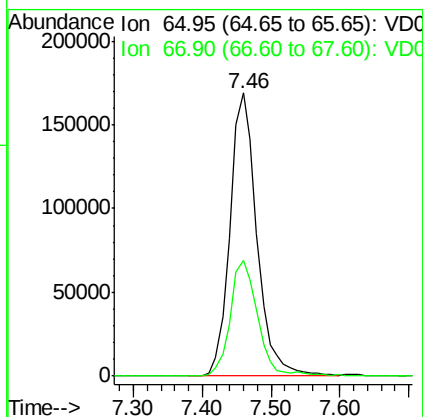
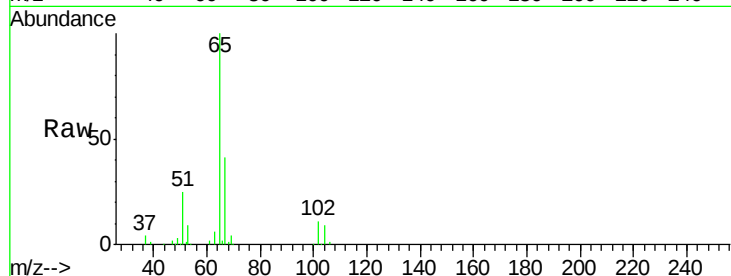
B-4(8-9)

Tot Ion: 65 Resp: 457411

Ion Ratio Lower Upper

65 100

67 40.8 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: VD062842.D

Acq: 24 Jun 2019 16:04

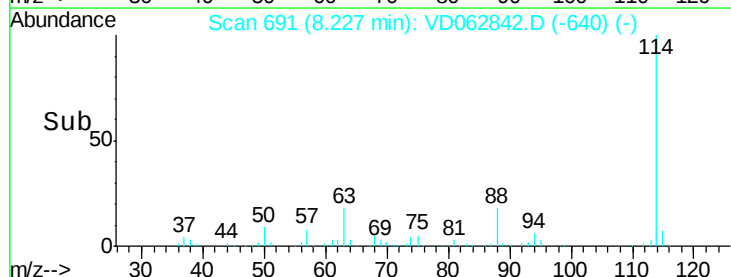
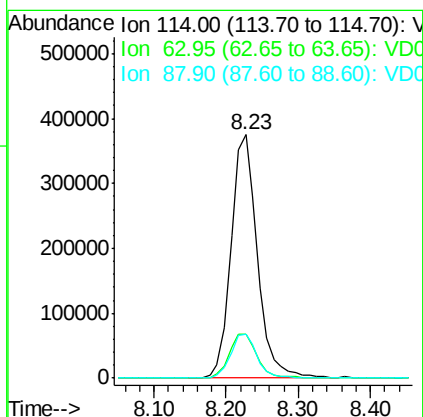
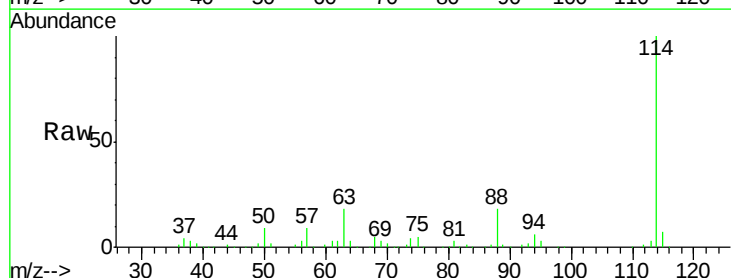
Tgt Ion: 114 Resp: 952689

Ion Ratio Lower Upper

114 100

63 18.1 0.0 40.0

88 17.9 0.0 38.8





#35

Dibromofluoromethane

Concen: 61.125 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.00 min

Lab File: VD062842.D

Acq: 24 Jun 2019 16:04

Instrument :

MSVOA_D

ClientSampleId :

B-4(8-9)

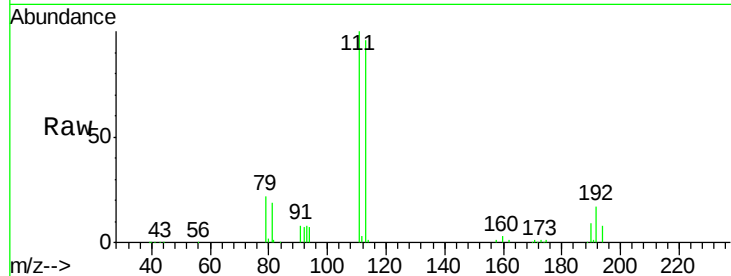
Tot Ion:113 Resp: 491017

Ion Ratio Lower Upper

113 100

111 104.3 81.2 121.8

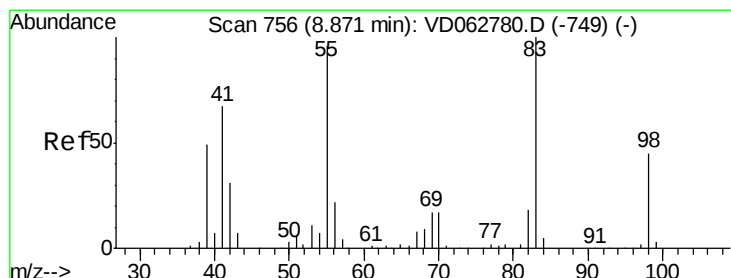
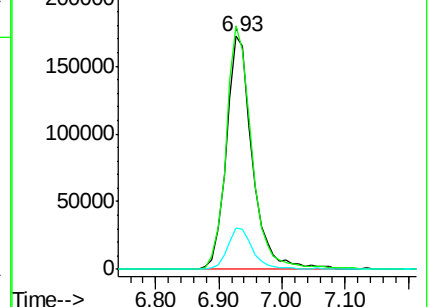
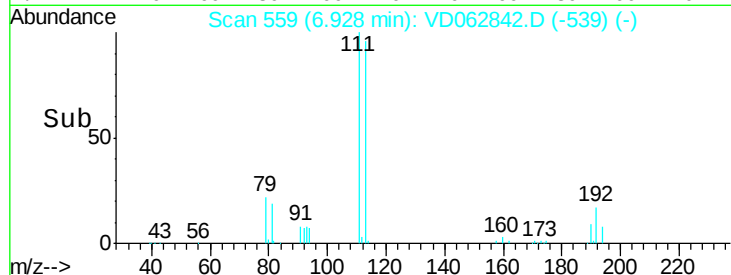
192 17.9 12.9 19.3



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



#39

Methylcyclohexane

Concen: 1.256 ug/l

RT: 8.86 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD062842.D

Acq: 24 Jun 2019 16:04

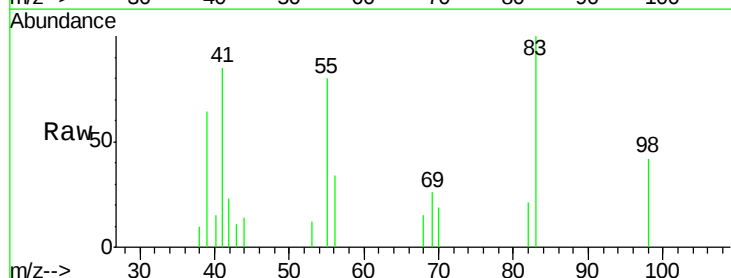
Tgt Ion: 83 Resp: 9968

Ion Ratio Lower Upper

83 100

55 79.6 76.6 115.0

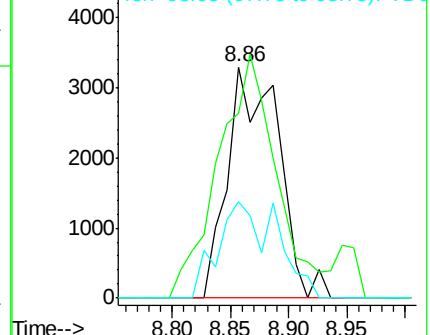
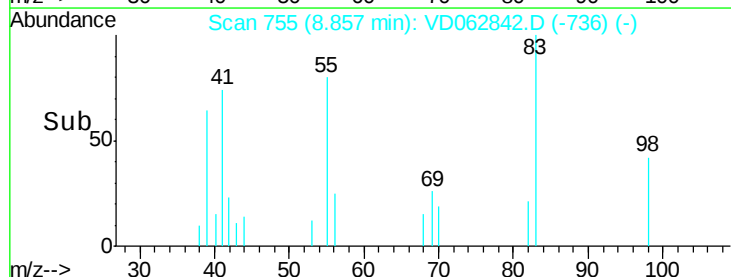
98 41.6 35.7 53.5

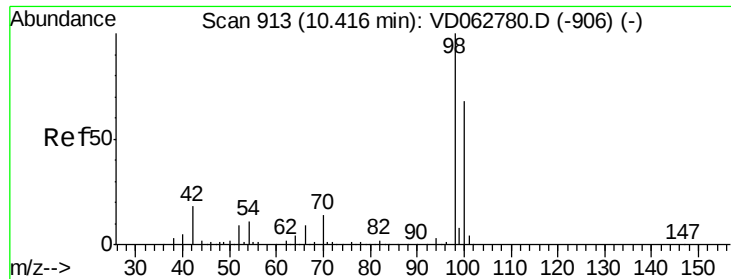


Abundance Ion 83.05 (82.75 to 83.75): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.05 (97.75 to 98.75): VDC

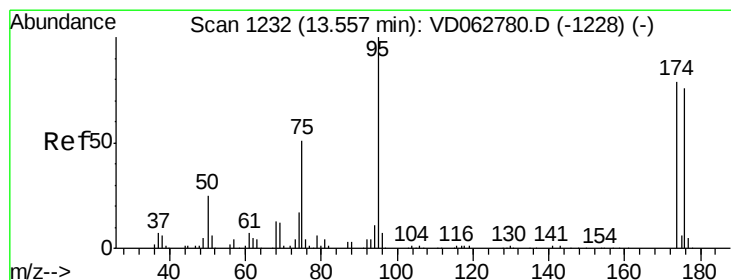
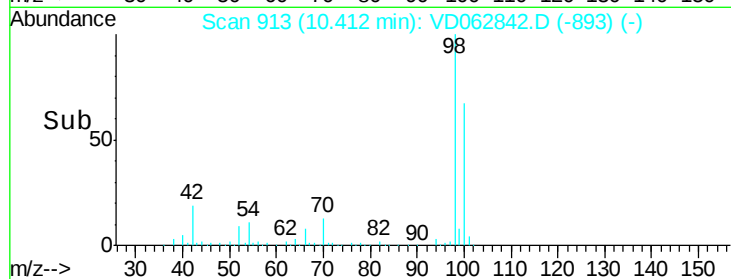
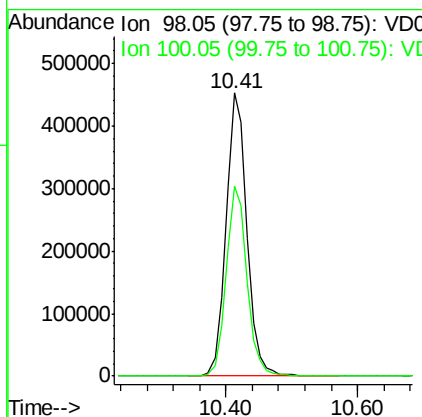
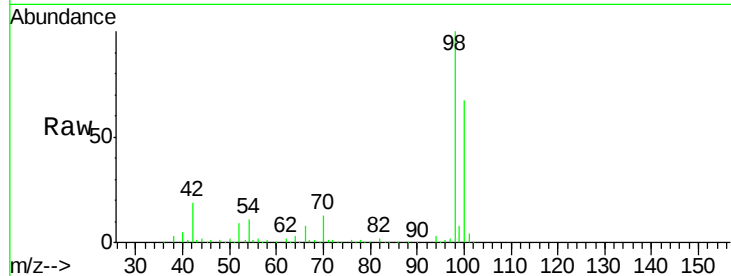




#50
Toluene-d8
Concen: 57.381 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD062842.D
Acq: 24 Jun 2019 16:04

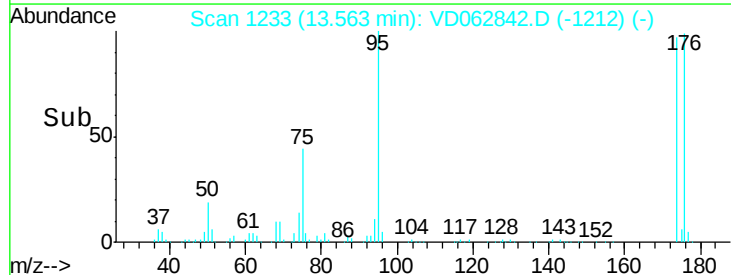
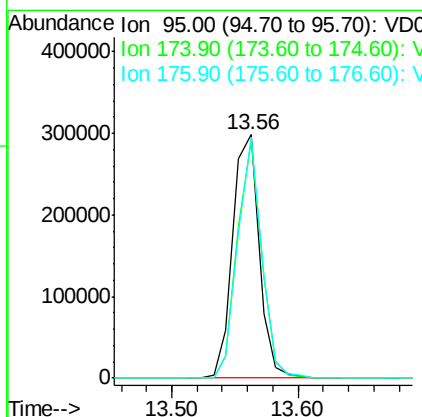
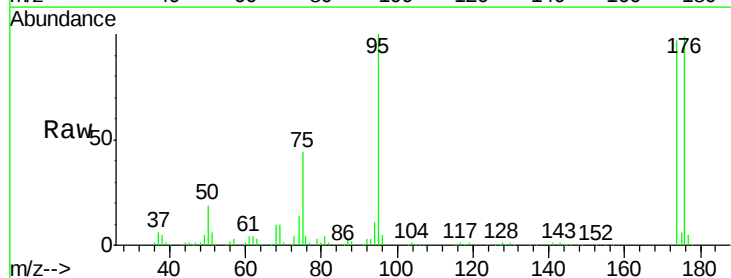
Instrument :
MSVOA_D
ClientSampled :
B-4(8-9)

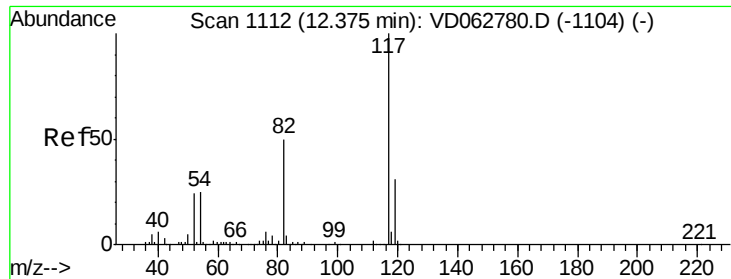
Tot Ion: 98 Resp: 1003230
Ion Ratio Lower Upper
98 100
100 67.1 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 54.204 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062842.D
Acq: 24 Jun 2019 16:04

Tgt Ion: 95 Resp: 430916
Ion Ratio Lower Upper
95 100
174 97.4 0.0 158.0
176 98.9 0.0 151.6

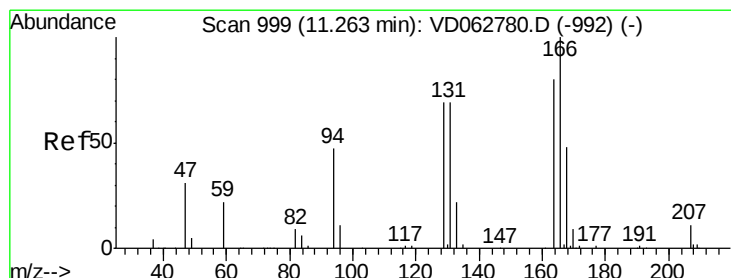
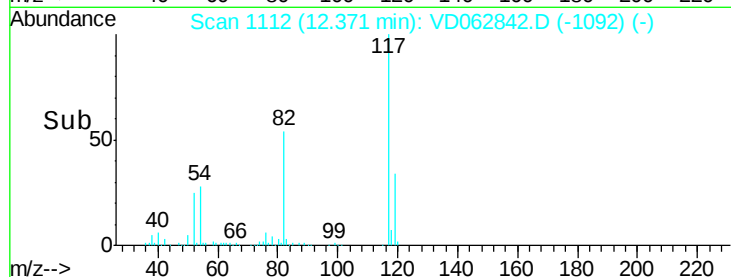
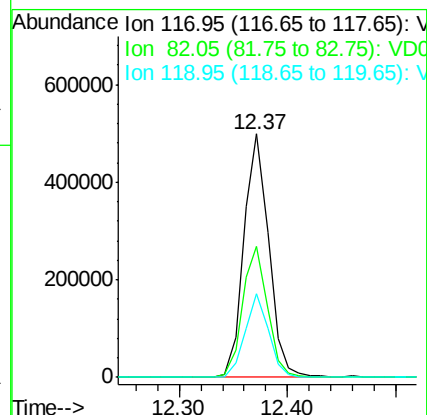
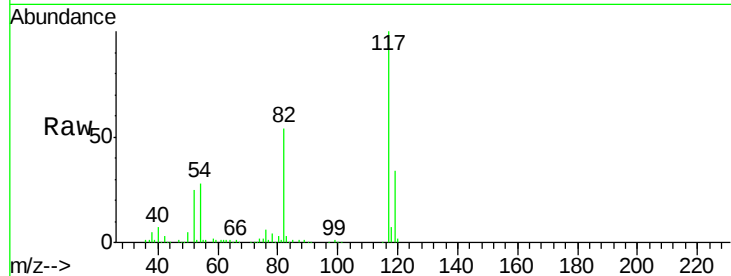




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062842.D
Acq: 24 Jun 2019 16:04

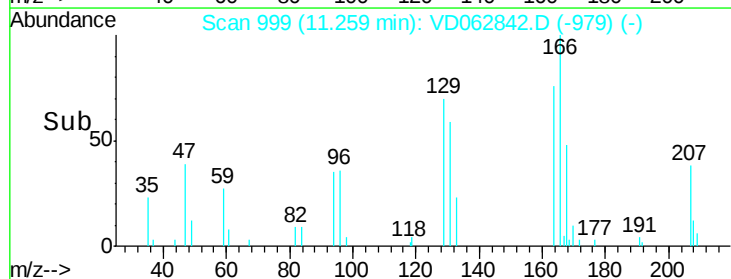
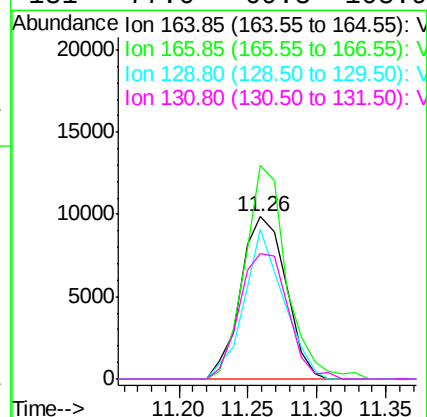
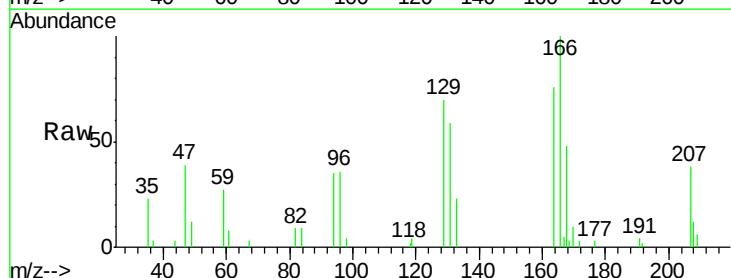
Instrument :
MSVOA_D
ClientSampleId :
B-4(8-9)

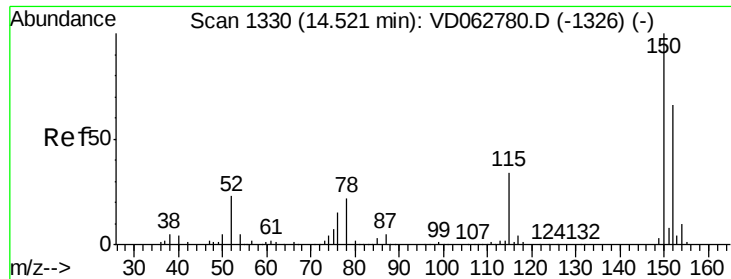
Tot Ion:117 Resp: 797520
Ion Ratio Lower Upper
117 100
82 53.6 40.4 60.6
119 34.3 25.2 37.8



#64
Tetrachloroethene
Concen: 3.447 ug/l
RT: 11.26 min Scan# 999
Delta R.T. -0.00 min
Lab File: VD062842.D
Acq: 24 Jun 2019 16:04

Tgt Ion:164 Resp: 22626
Ion Ratio Lower Upper
164 100
166 131.7 100.6 150.8
129 92.0 69.4 104.0
131 77.6 69.3 103.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VD062842.D

Acq: 24 Jun 2019 16:04

Instrument :

MSVOA_D

ClientSampleId :

B-4(8-9)

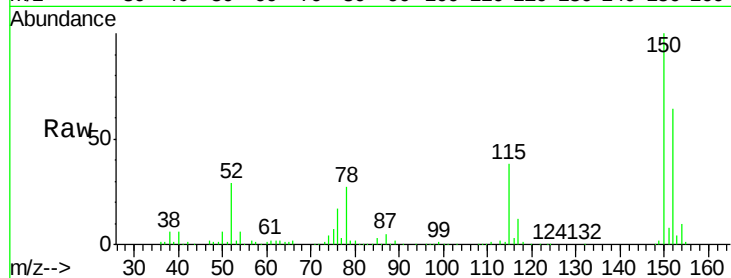
Tot Ion:152 Resp: 438410

Ion Ratio Lower Upper

152 100

115 59.7 29.2 87.6

150 156.3 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

