

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062519\
 Data File : VD062877.D
 Acq On : 25 Jun 2019 14:20
 Operator : VA/AP
 Sample : K3500-08
 Misc : 4.97g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-8(9-10)

Quant Time: Jun 26 06:09:39 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

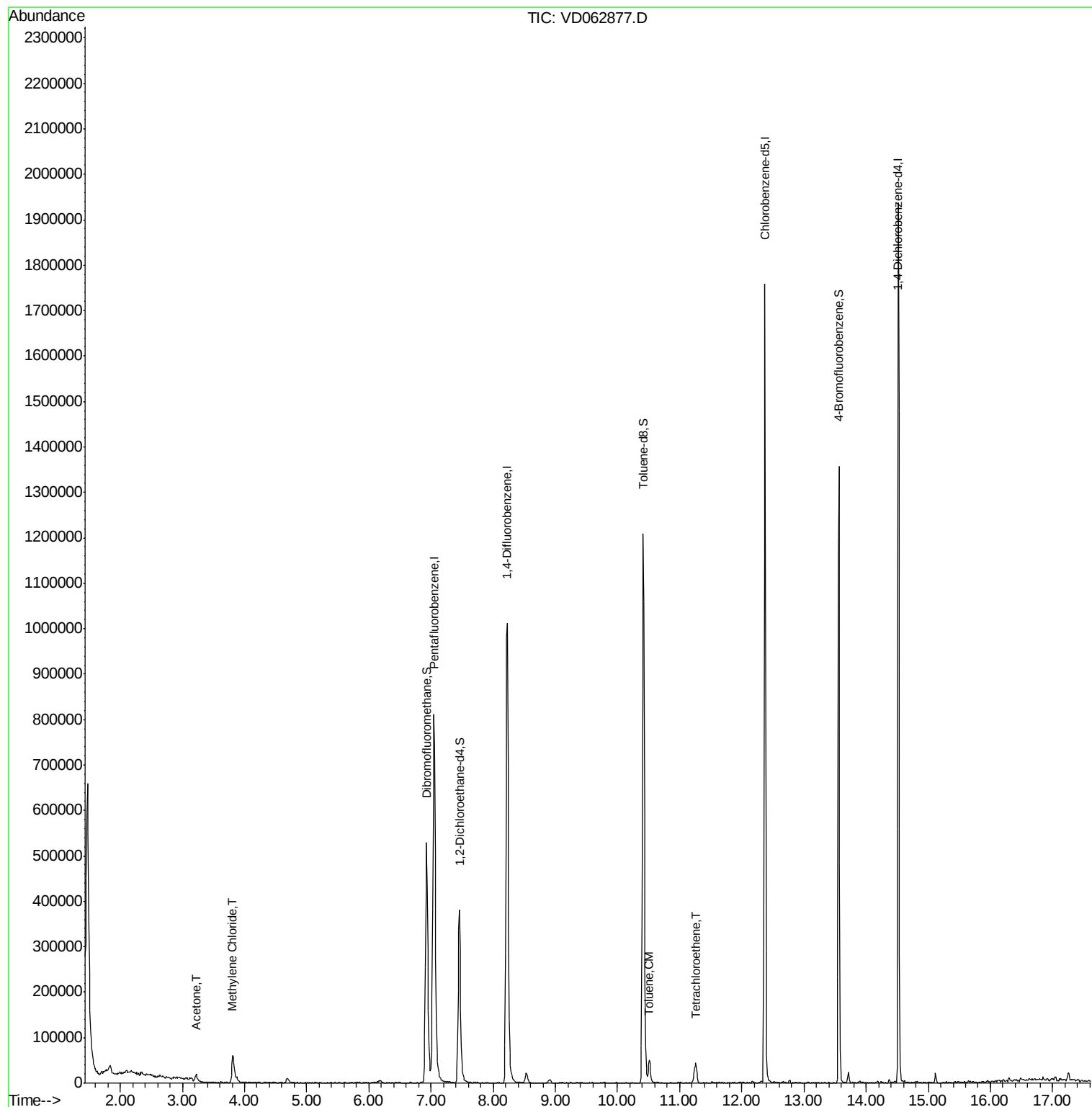
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	773270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1105328	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	899896	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	419035	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	431829	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
35) Dibromofluoromethane	6.93	113	448443	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
50) Toluene-d8	10.41	98	955974	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.26%	
62) 4-Bromofluorobenzene	13.56	95	397343	43.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.16%	
Target Compounds						
16) Acetone	3.23	43	35791	14.405	ug/l #	87
20) Methylene Chloride	3.81	84	35924	5.604	ug/l #	90
52) Toluene	10.51	92	23172	1.641	ug/l	97
64) Tetrachloroethene	11.26	164	9216	1.244	ug/l #	63

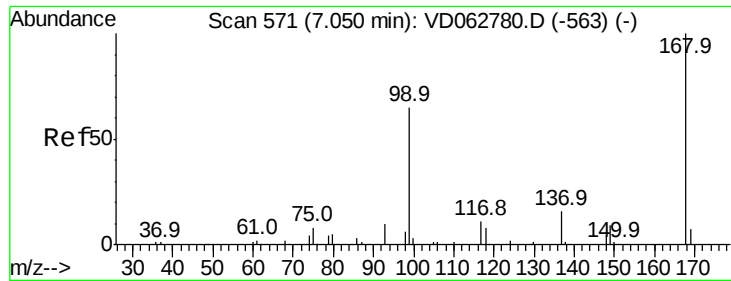
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.04 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD062877.D

Acq: 25 Jun 2019 14:20

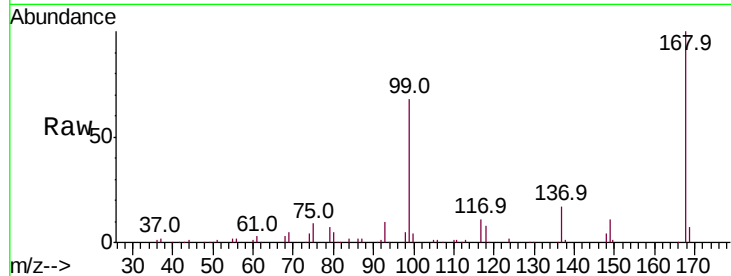
Instrument :
MSVOA_D
ClientSampleId :
B-8(9-10)

Tot Ion:168 Resp: 773270

Ion Ratio Lower Upper

168 100

99 67.9 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

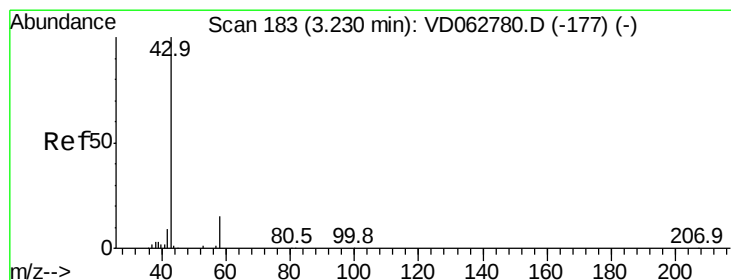
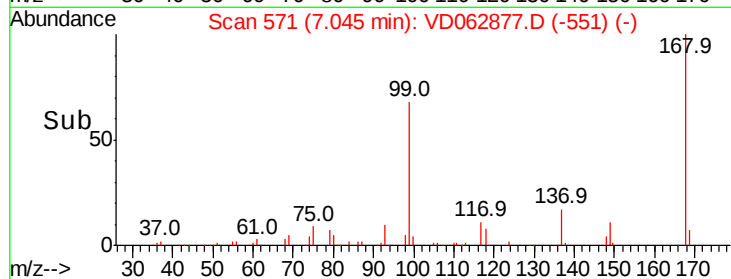
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 14.405 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD062877.D

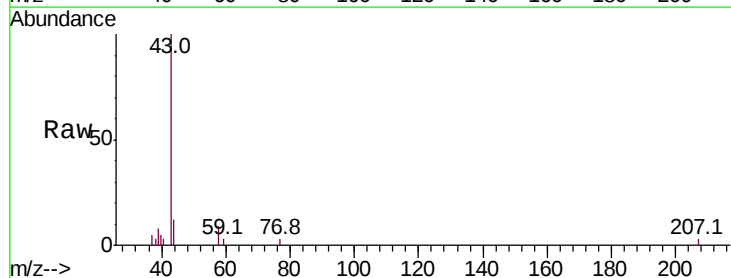
Acq: 25 Jun 2019 14:20

Tgt Ion: 43 Resp: 35791

Ion Ratio Lower Upper

43 100

58 9.4 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

15000

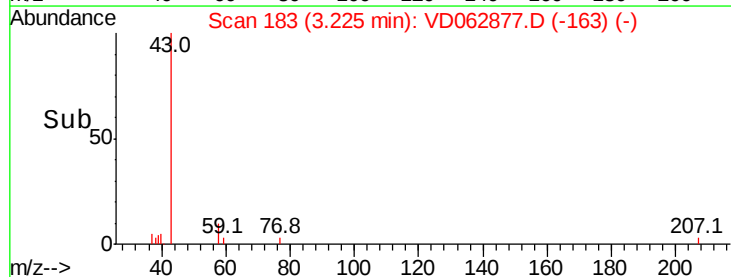
10000

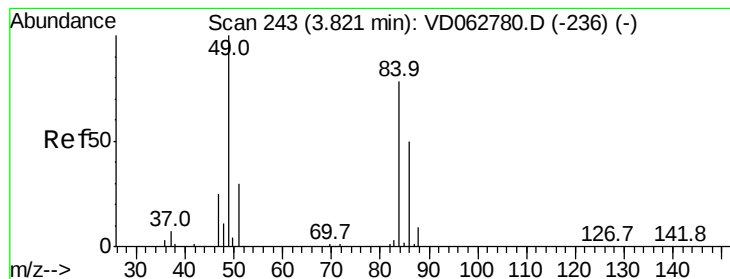
5000

0

3.10 3.20 3.30 3.40

Time-->





#20

Methylene Chloride

Concen: 5.604 ug/l

RT: 3.81 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD062877.D

Acq: 25 Jun 2019 14:20

Instrument :

MSVOA_D

ClientSampleId :

B-8(9-10)

Tot Ion: 84 Resp: 35924

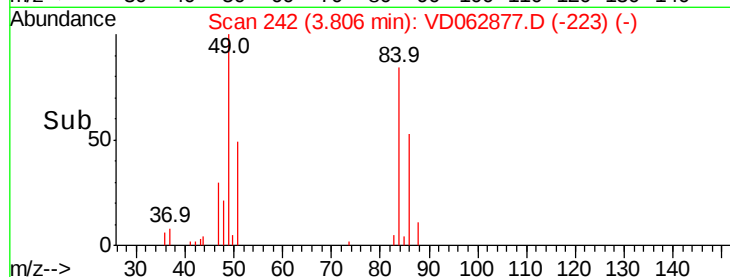
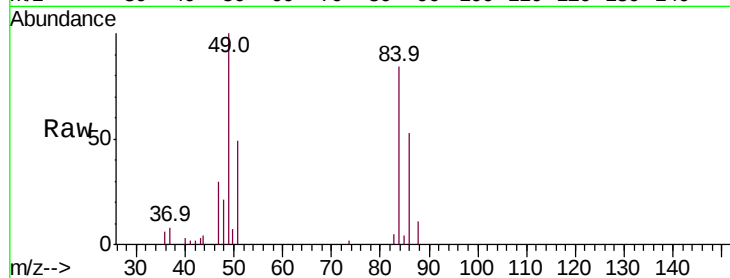
Ion Ratio Lower Upper

84 100

49 119.7 102.9 154.3

51 58.8 31.2 46.8#

86 62.9 51.4 77.2

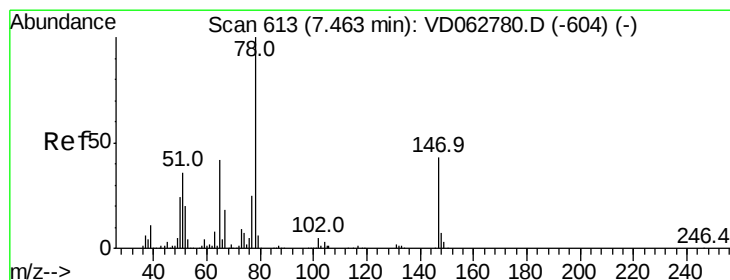
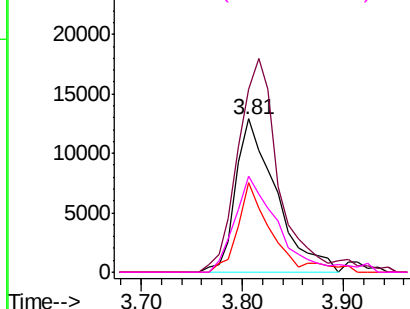


Abundance Ion 83.95 (83.65 to 84.65): VDC

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



#33

1,2-Dichloroethane-d4

Concen: 51.376 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.00 min

Lab File: VD062877.D

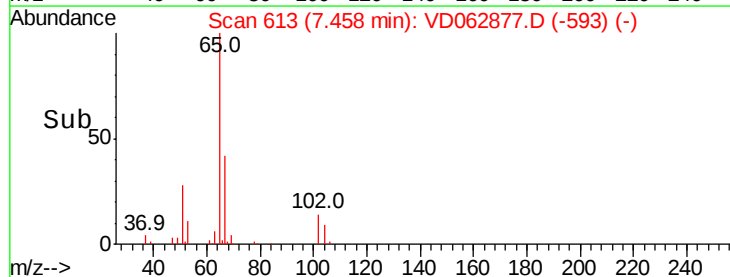
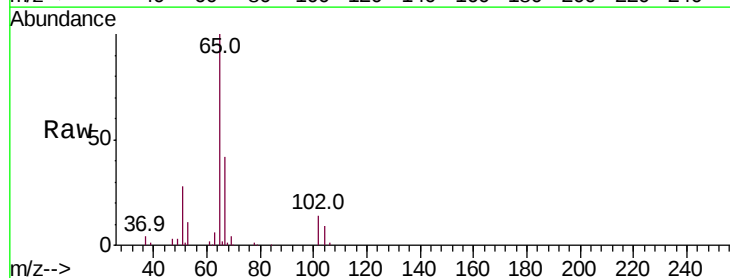
Acq: 25 Jun 2019 14:20

Tgt Ion: 65 Resp: 431829

Ion Ratio Lower Upper

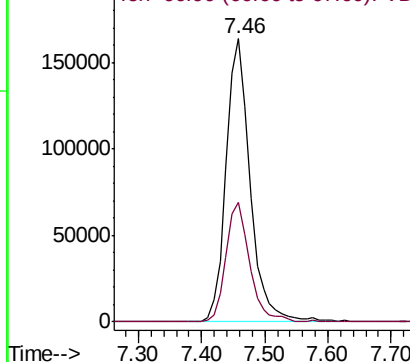
65 100

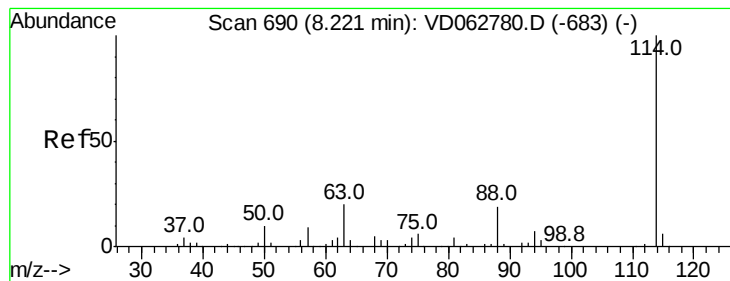
67 42.0 0.0 87.4



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: 8.23 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD062877.D

Acq: 25 Jun 2019 14:20

Instrument :

MSVOA_D

ClientSampleId :

B-8(9-10)

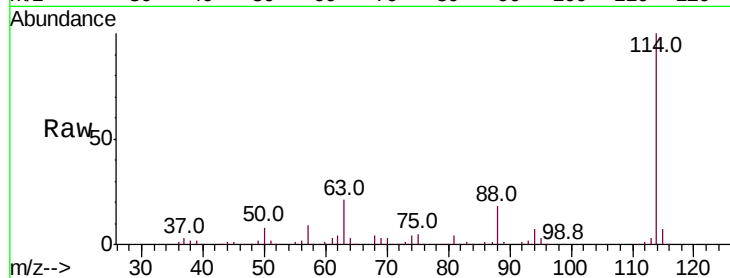
Tot Ion:114 Resp: 1105328

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.0

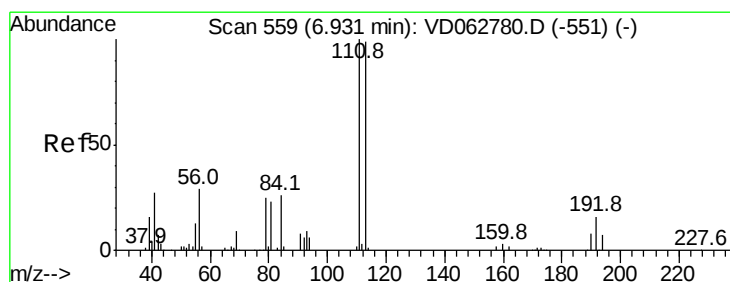
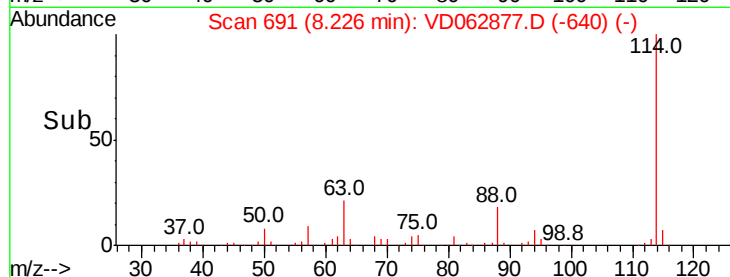
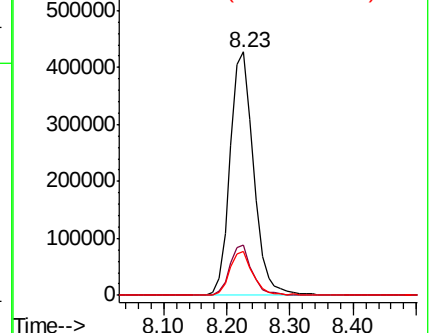
88 17.9 0.0 38.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 48.116 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.00 min

Lab File: VD062877.D

Acq: 25 Jun 2019 14:20

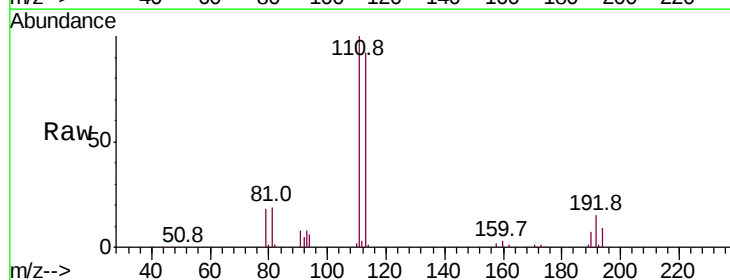
Tgt Ion:113 Resp: 448443

Ion Ratio Lower Upper

113 100

111 108.9 81.2 121.8

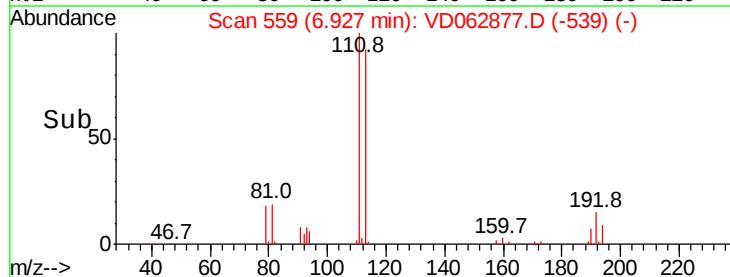
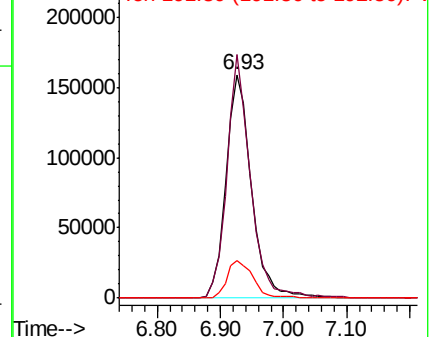
192 16.7 12.9 19.3

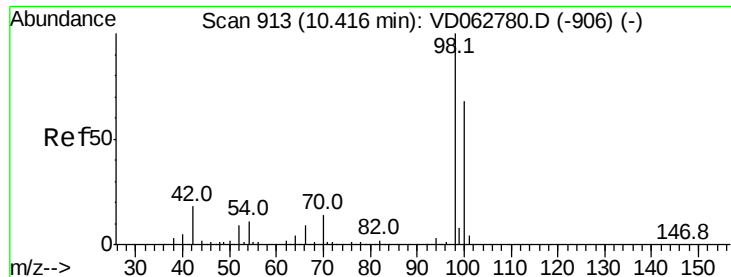


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 47.128 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.00 min

Lab File: VD062877.D

Acq: 25 Jun 2019 14:20

Instrument :

MSVOA_D

ClientSampleId :

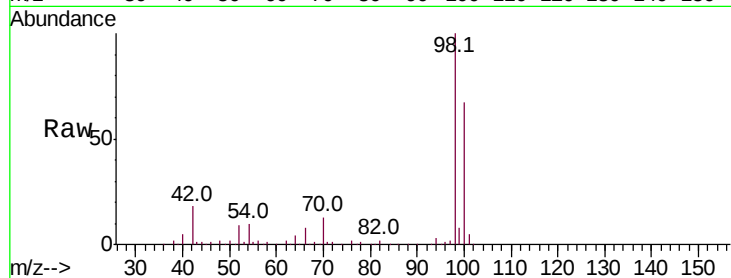
B-8(9-10)

Tot Ion: 98 Resp: 955974

Ion Ratio Lower Upper

98 100

100 67.3 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

10.41

400000

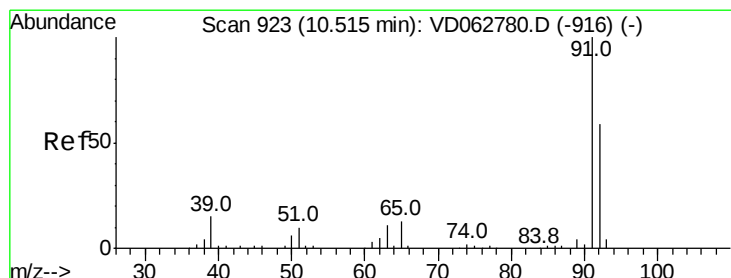
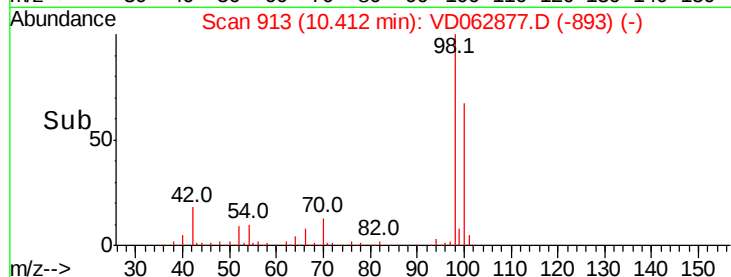
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 1.641 ug/l

RT: 10.51 min Scan# 923

Delta R.T. -0.00 min

Lab File: VD062877.D

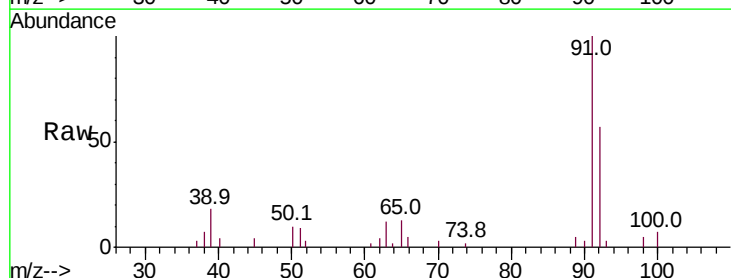
Acq: 25 Jun 2019 14:20

Tgt Ion: 92 Resp: 23172

Ion Ratio Lower Upper

92 100

91 174.6 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

20000

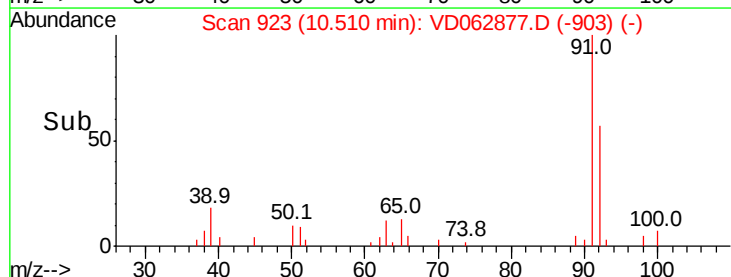
15000

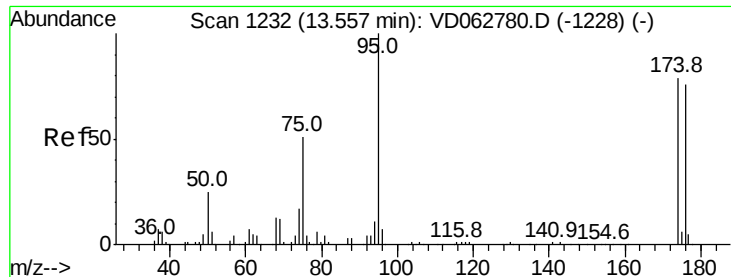
10000

5000

0

Time-->

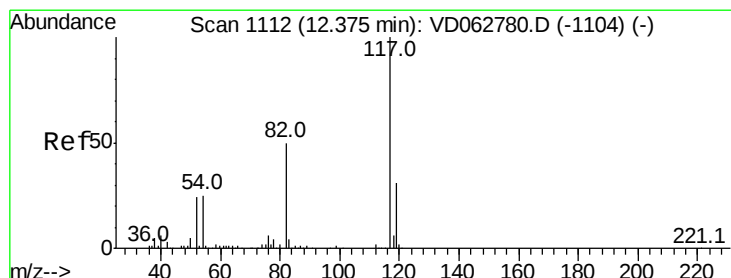
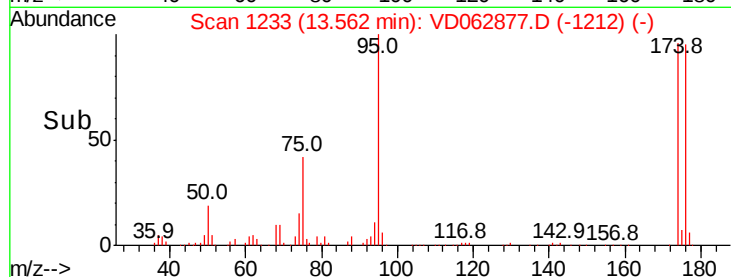
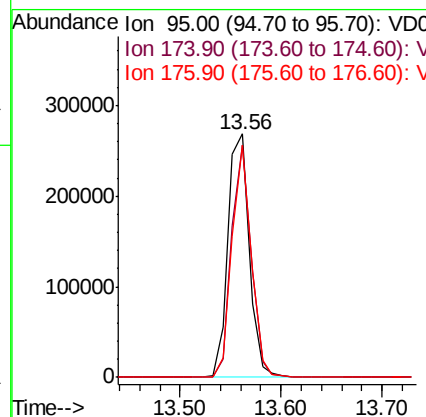
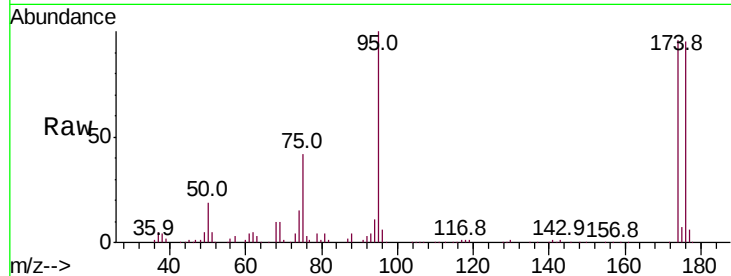




#62
4-Bromofluorobenzene
Concen: 43.079 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062877.D
Acq: 25 Jun 2019 14:20

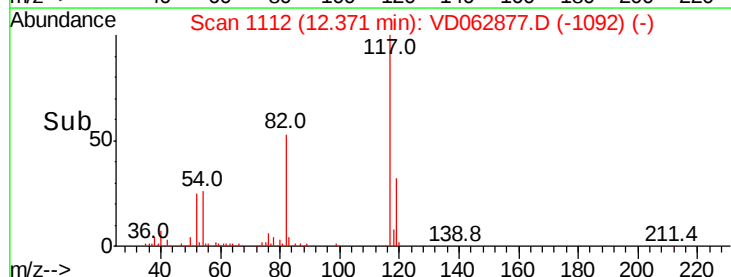
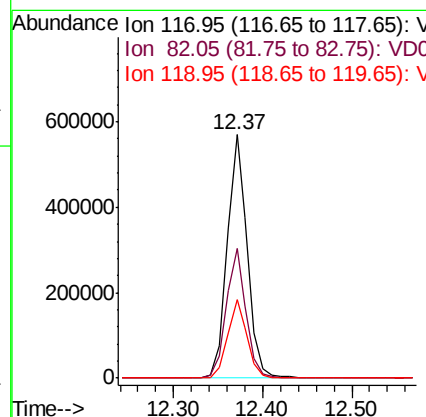
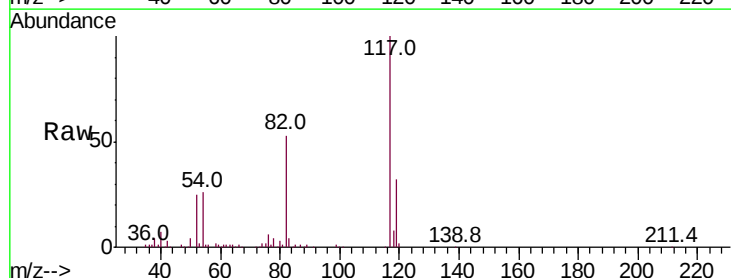
Instrument :
MSVOA_D
ClientSampleId :
B-8(9-10)

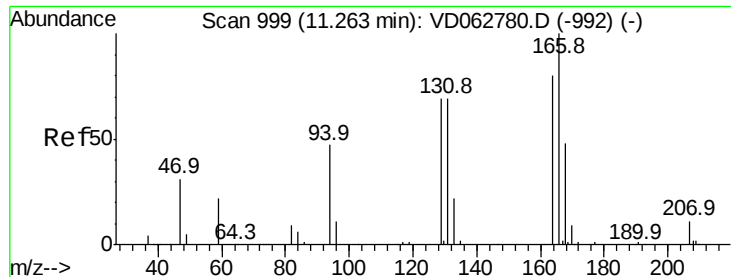
Tot Ion: 95 Resp: 397343
Ion Ratio Lower Upper
95 100
174 95.5 0.0 158.0
176 95.2 0.0 151.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062877.D
Acq: 25 Jun 2019 14:20

Tgt Ion: 117 Resp: 899896
Ion Ratio Lower Upper
117 100
82 53.1 40.4 60.6
119 32.3 25.2 37.8





#64

Tetrachloroethene

Concen: 1.244 ug/l

RT: 11.26 min Scan# 999

Delta R.T. -0.00 min

Lab File: VD062877.D

Acq: 25 Jun 2019 14:20

Instrument :

MSVOA_D

ClientSampleId :

B-8(9-10)

Tot Ion:164 Resp: 9216

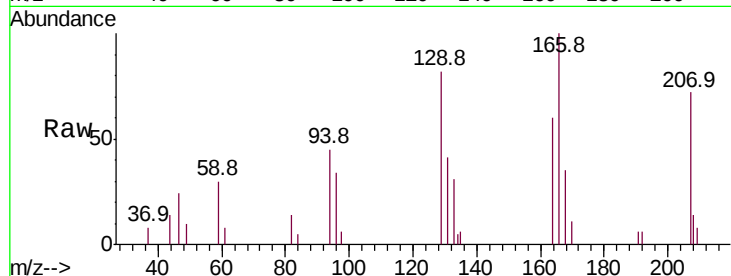
Ion Ratio Lower Upper

164 100

166 167.3 100.6 150.8#

129 136.8 69.4 104.0#

131 68.9 69.3 103.9#



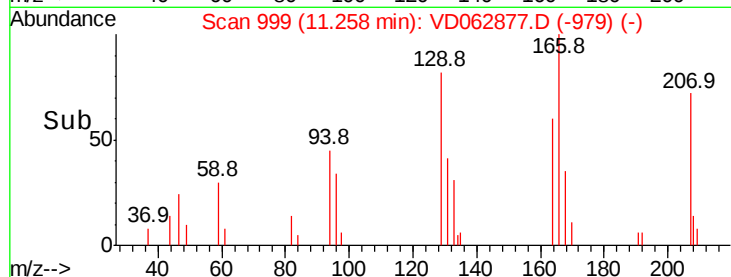
Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.85 (165.55 to 166.55): V

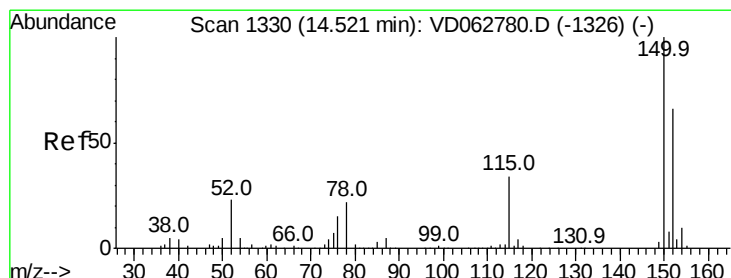
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

Time-->



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VD062877.D

Acq: 25 Jun 2019 14:20

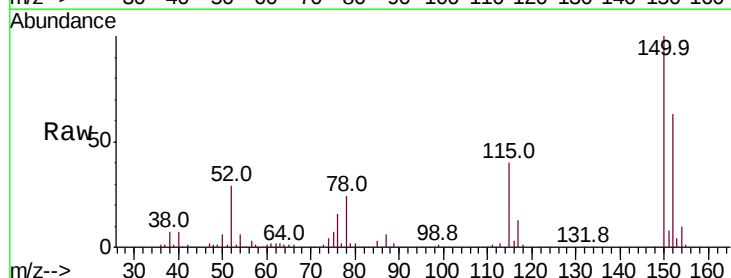
Tgt Ion:152 Resp: 419035

Ion Ratio Lower Upper

152 100

115 64.0 29.2 87.6

150 158.4 0.0 305.8

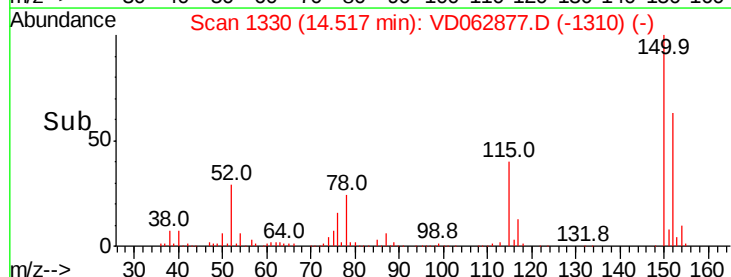


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

Time-->



Time-->