

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062619\
 Data File : VD062917.D
 Acq On : 26 Jun 2019 15:05
 Operator : VA/AP
 Sample : K3510-01
 Misc : 3.66g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-062419

Quant Time: Jun 27 09:22:52 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

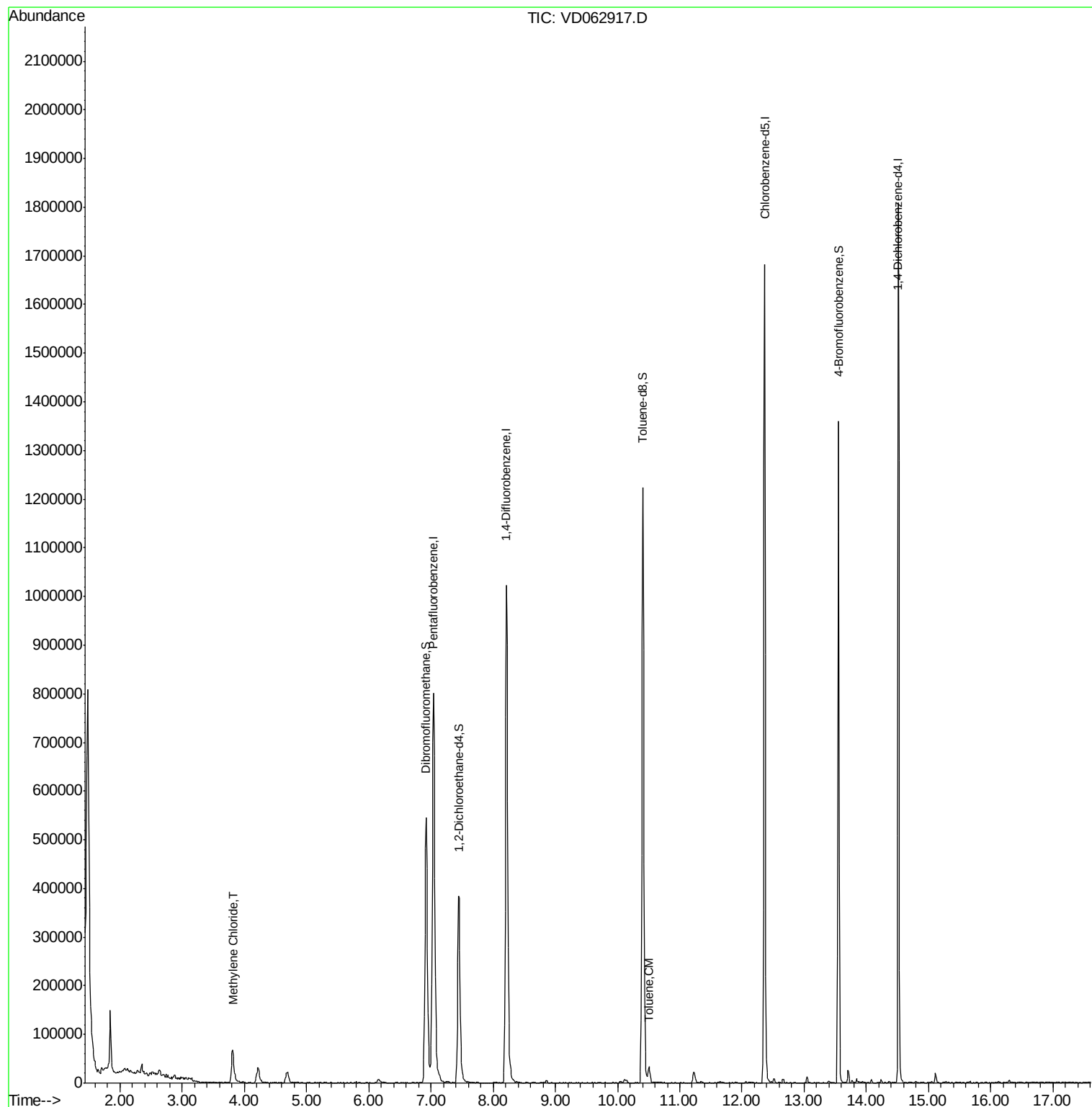
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	750433	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.21	114	1078745	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.37	117	854697	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	381393	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	451320	55.33	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	110.66%	
35) Dibromofluoromethane	6.92	113	460677	50.65	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	101.30%	
50) Toluene-d8	10.41	98	912811	46.11	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	92.22%	
62) 4-Bromofluorobenzene	13.56	95	377868	41.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.96%	
Target Compounds						
20) Methylene Chloride	3.80	84	40898	6.574	ug/l	97
52) Toluene	10.50	92	13848	1.005	ug/l	99

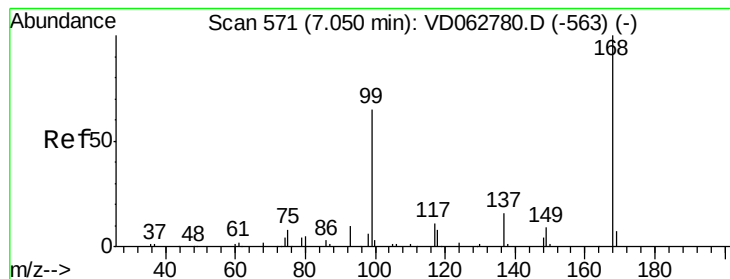
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD062917.D

Acq: 26 Jun 2019 15:05

Instrument :

MSVOA_D

ClientSampleId :

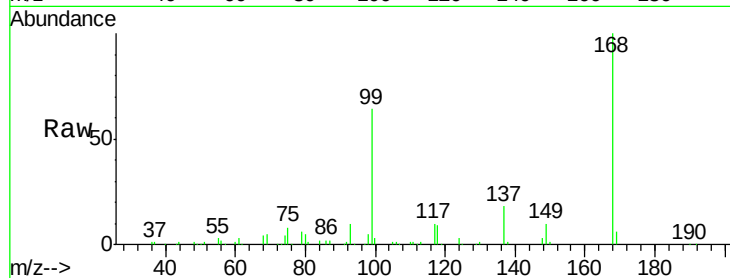
TR-04-062419

Tot Ion:168 Resp: 750433

Ion Ratio Lower Upper

168 100

99 64.5 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

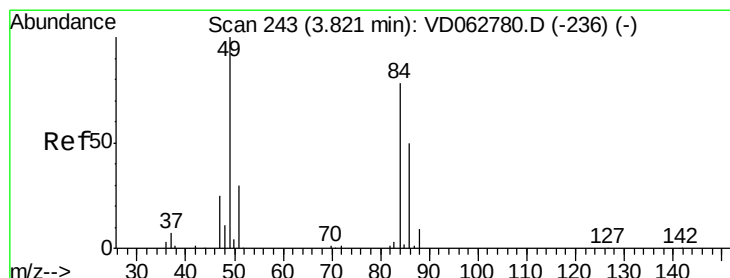
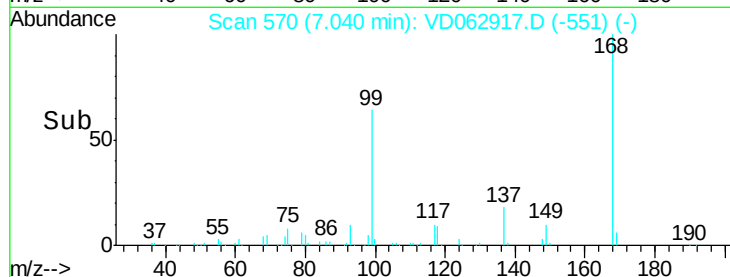
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 6.574 ug/l

RT: 3.80 min Scan# 241

Delta R.T. -0.02 min

Lab File: VD062917.D

Acq: 26 Jun 2019 15:05

Tgt Ion: 84 Resp: 40898

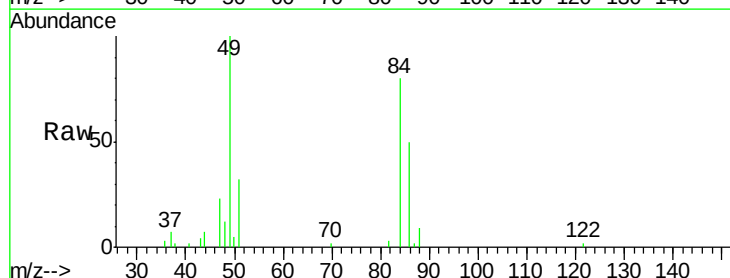
Ion Ratio Lower Upper

84 100

49 124.7 102.9 154.3

51 40.3 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

30000

25000

20000

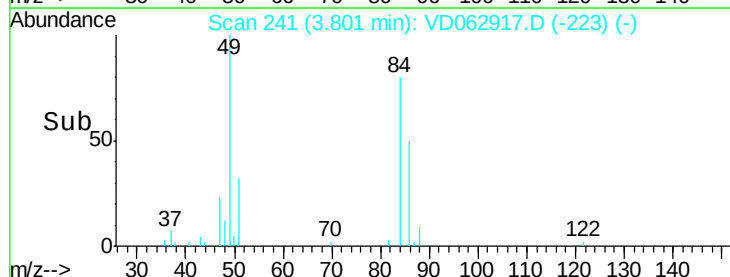
15000

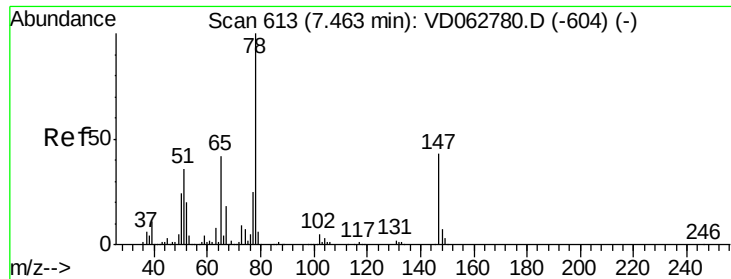
10000

5000

0

Time-->

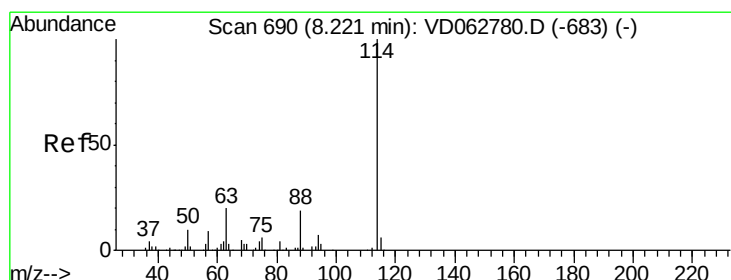
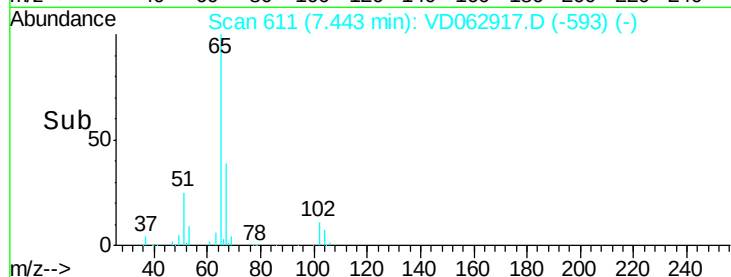
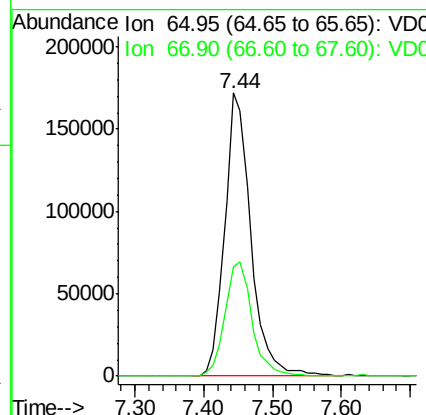
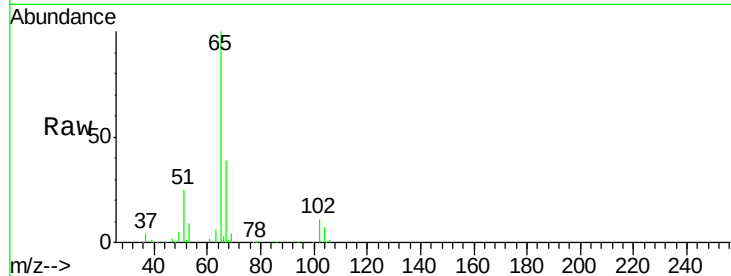




#33
 1,2-Dichloroethane-d4
 Concen: 55.329 ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: VD062917.D
 Acq: 26 Jun 2019 15:05

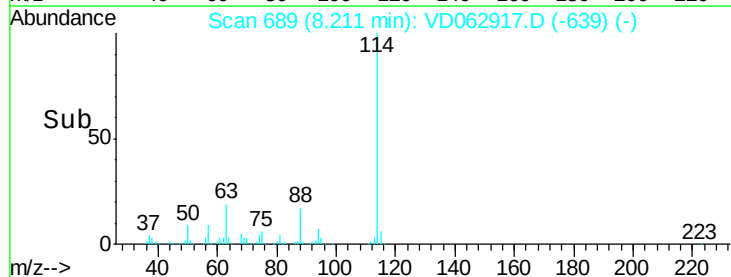
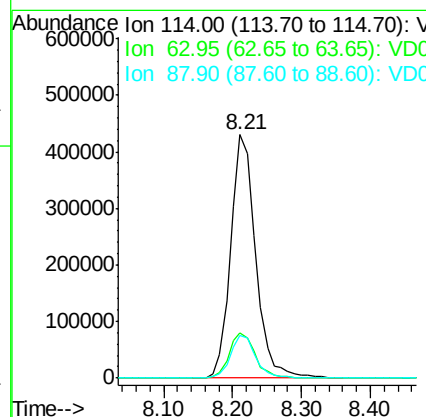
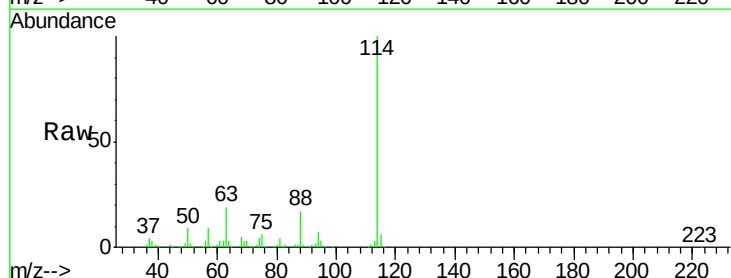
Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-062419

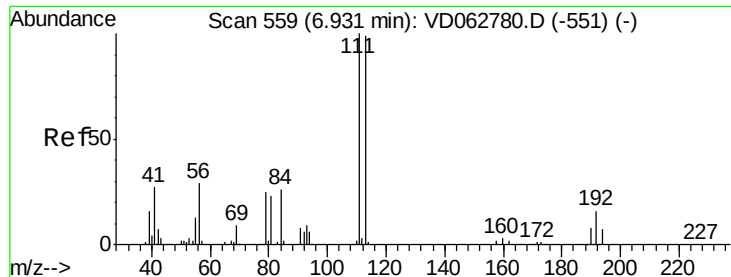
Tot Ion: 65 Resp: 451320
 Ion Ratio Lower Upper
 65 100
 67 38.8 0.0 87.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: VD062917.D
 Acq: 26 Jun 2019 15:05

Tgt Ion: 114 Resp: 1078745
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 40.0
 88 17.4 0.0 38.8





#35

Dibromofluoromethane

Concen: 50.646 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD062917.D

Acq: 26 Jun 2019 15:05

Instrument :

MSVOA_D

ClientSampleId :

TR-04-062419

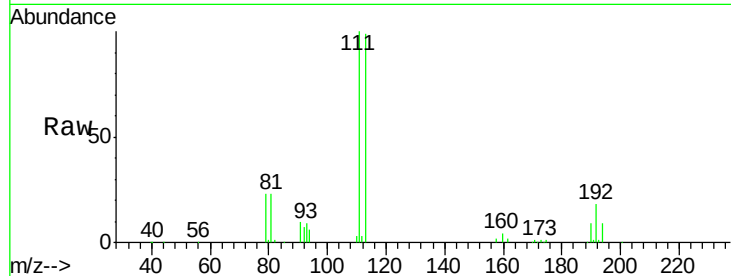
Tot Ion:113 Resp: 460677

Ion Ratio Lower Upper

113 100

111 101.2 81.2 121.8

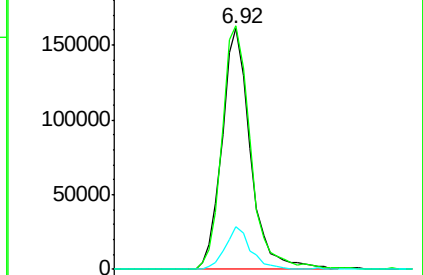
192 17.8 12.9 19.3



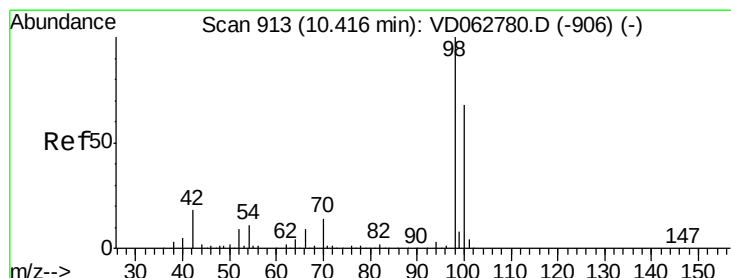
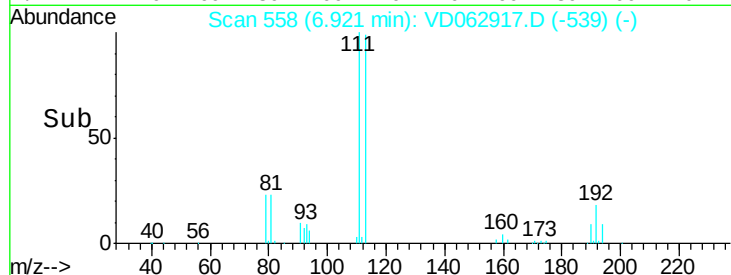
Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



Time-->



#50

Toluene-d8

Concen: 46.109 ug/l

RT: 10.41 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD062917.D

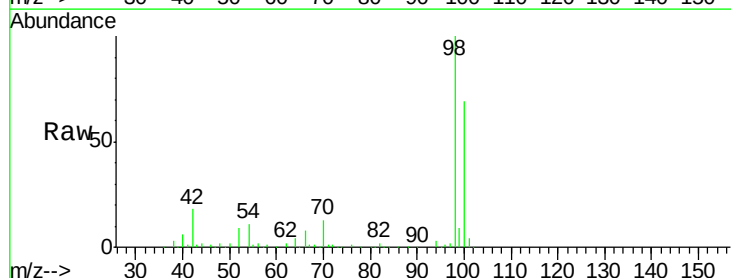
Acq: 26 Jun 2019 15:05

Tgt Ion: 98 Resp: 912811

Ion Ratio Lower Upper

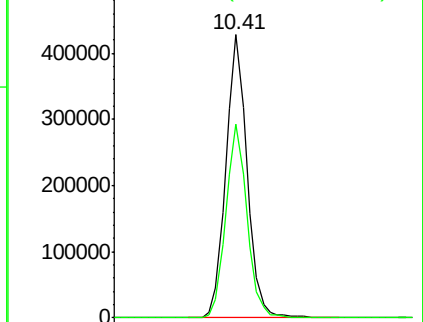
98 100

100 68.7 54.7 82.1

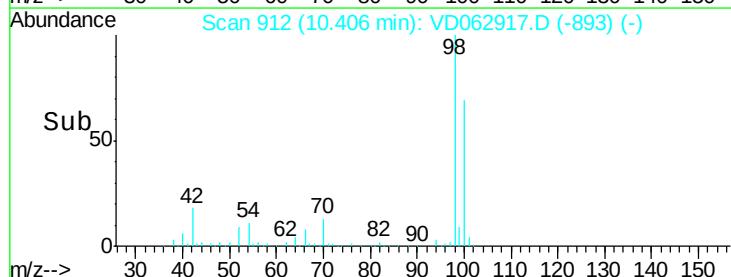


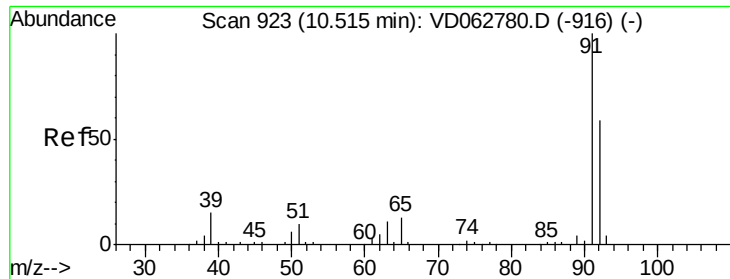
Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V



Time-->





#52

Toluene

Concen: 1.005 ug/l

RT: 10.50 min Scan# 922

Delta R.T. -0.01 min

Lab File: VD062917.D

Acq: 26 Jun 2019 15:05

Instrument :

MSVOA_D

ClientSampleId :

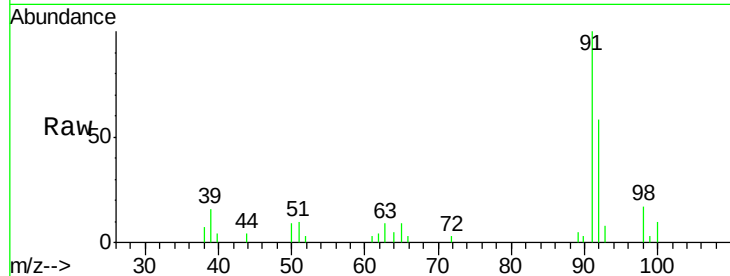
TR-04-062419

Tot Ion: 92 Resp: 13848

Ion Ratio Lower Upper

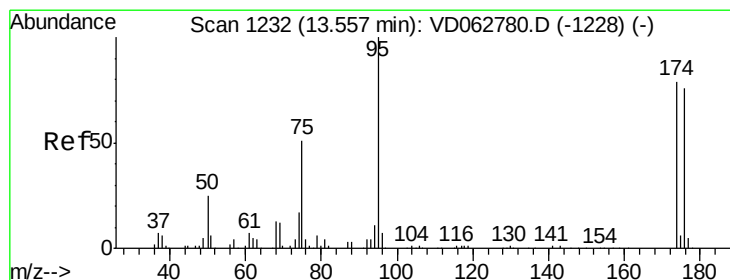
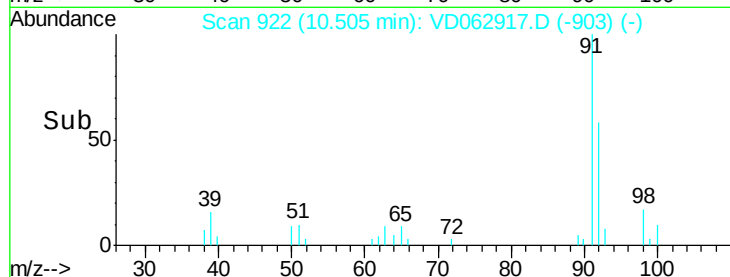
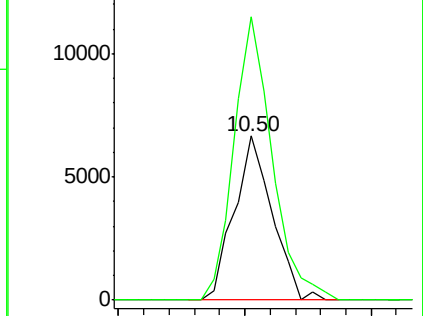
92 100

91 172.3 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: 41.977 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD062917.D

Acq: 26 Jun 2019 15:05

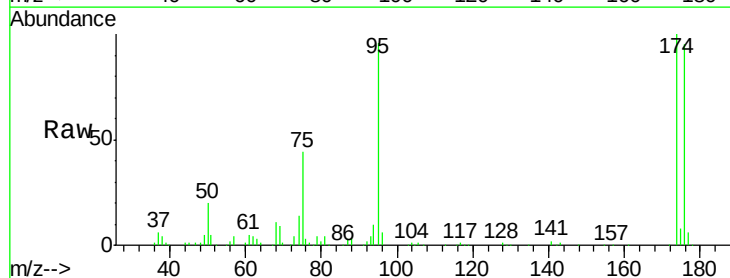
Tgt Ion: 95 Resp: 377868

Ion Ratio Lower Upper

95 100

174 104.4 0.0 158.0

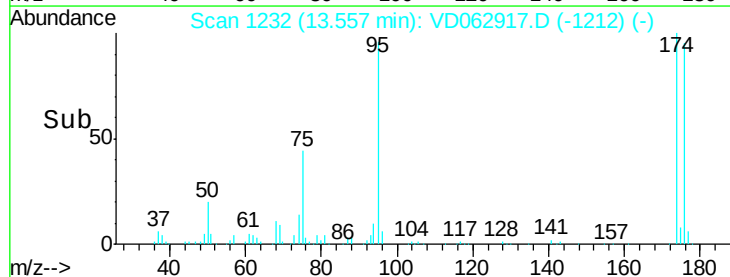
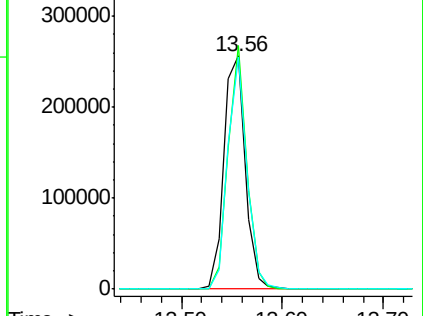
176 99.5 0.0 151.6

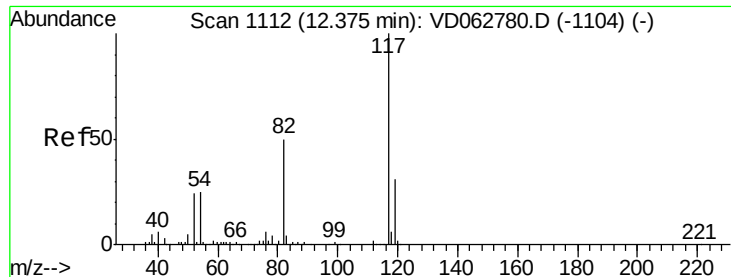


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

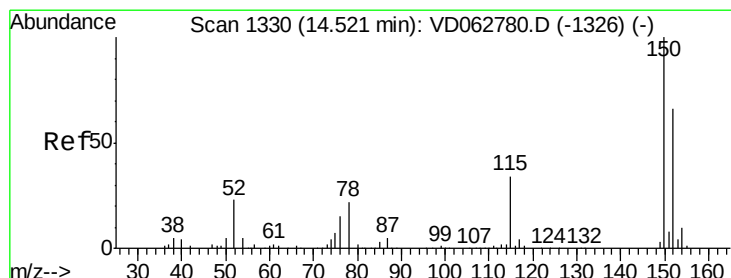
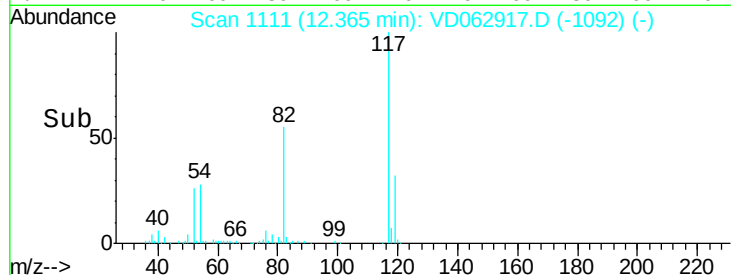
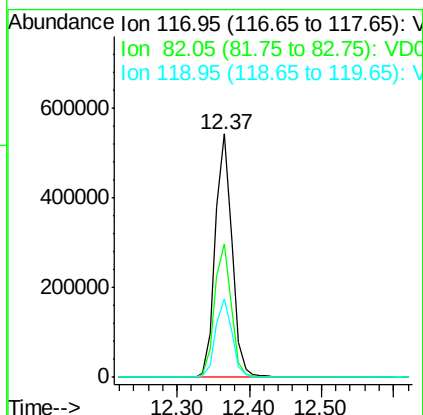
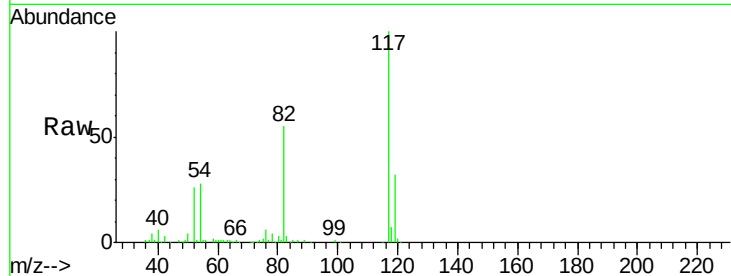




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD062917.D
Acq: 26 Jun 2019 15:05

Instrument :
MSVOA_D
ClientSampleId :
TR-04-062419

Tot Ion:117 Resp: 854697
Ion Ratio Lower Upper
117 100
82 54.8 40.4 60.6
119 32.1 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD062917.D
Acq: 26 Jun 2019 15:05

Tgt Ion:152 Resp: 381393
Ion Ratio Lower Upper
152 100
115 60.5 29.2 87.6
150 155.4 0.0 305.8

