

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062519\
 Data File : VD062880.D
 Acq On : 25 Jun 2019 15:42
 Operator : VA/AP
 Sample : K3511-01
 Misc : 5.88g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-1

Quant Time: Jun 26 06:38:09 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

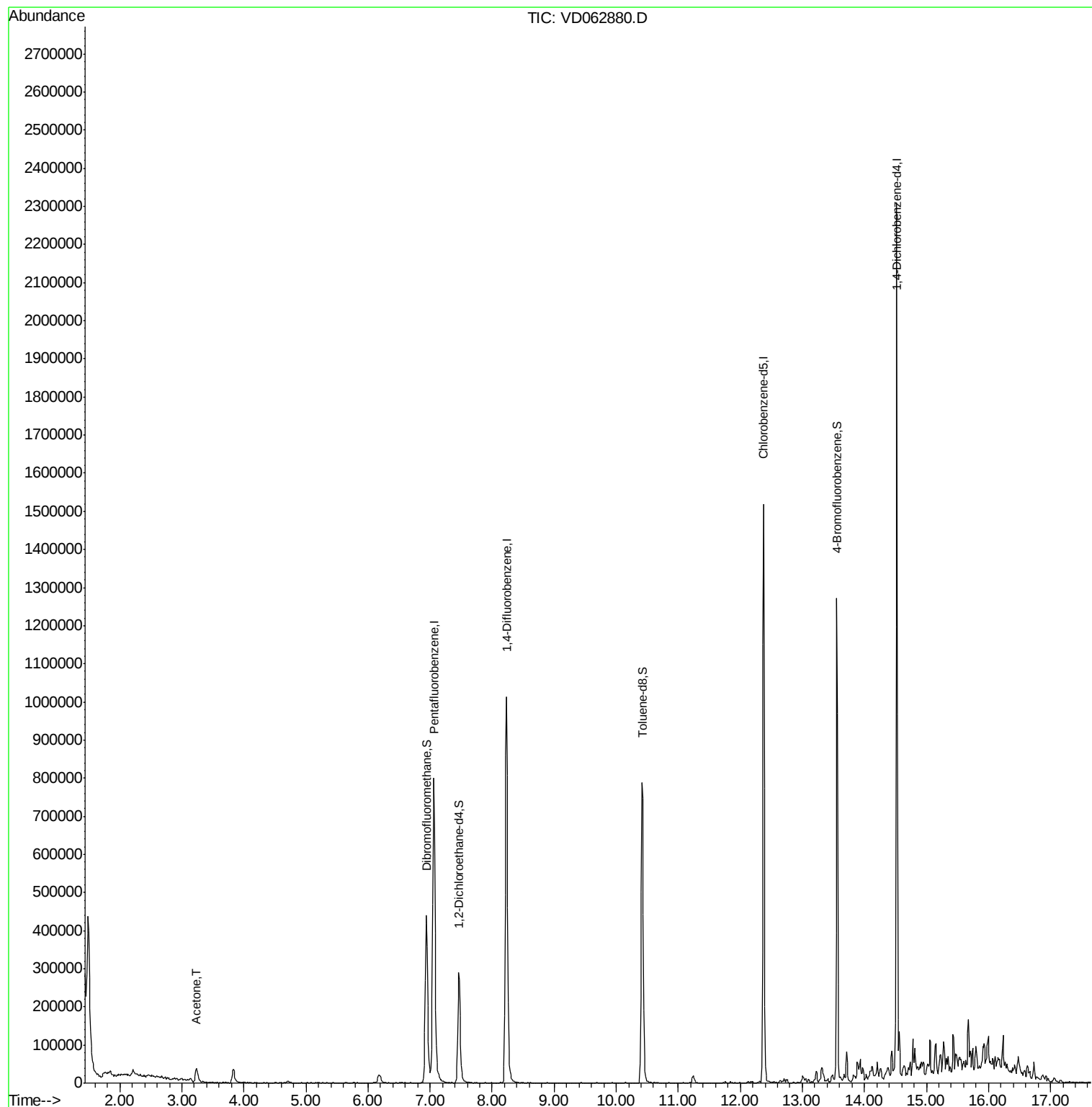
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	750496	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	1071131	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.38	117	786095	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	455816	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	340783	41.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.54%	
35) Dibromofluoromethane	6.94	113	388758	43.04	ug/l	0.01
Spiked Amount 50.000			Recovery	=	86.08%	
50) Toluene-d8	10.42	98	658734	33.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.02%	
62) 4-Bromofluorobenzene	13.56	95	344131	38.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.00%	
Target Compounds						
16) Acetone	3.23	43	82249	43.952	ug/l	Qvalue 94

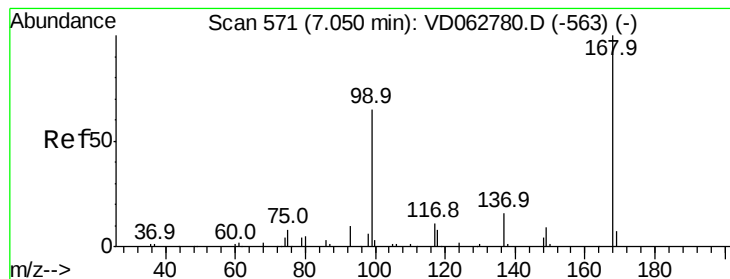
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD062880.D

Acq: 25 Jun 2019 15:42

Instrument :

MSVOA_D

ClientSampleId :

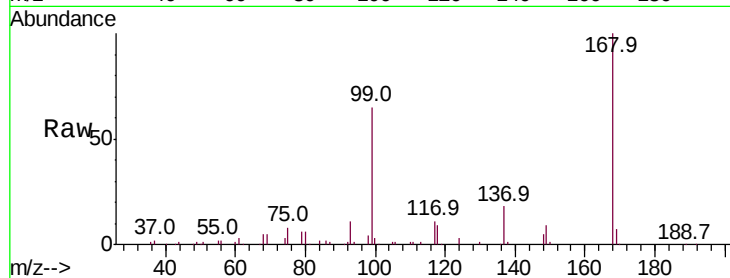
COMP-1

Tot Ion:168 Resp: 750496

Ion Ratio Lower Upper

168 100

99 65.4 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

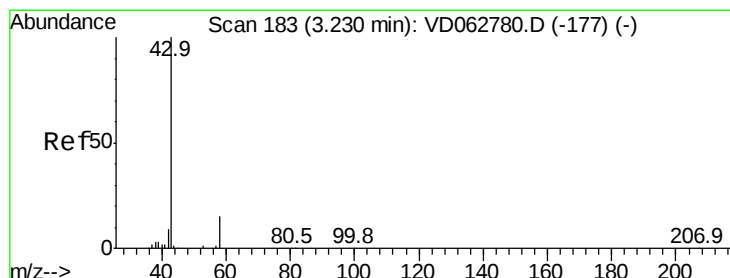
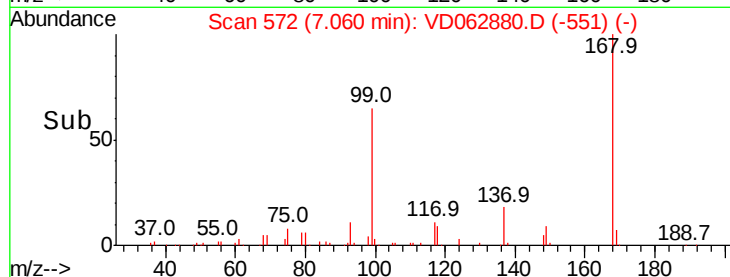
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 43.952 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.00 min

Lab File: VD062880.D

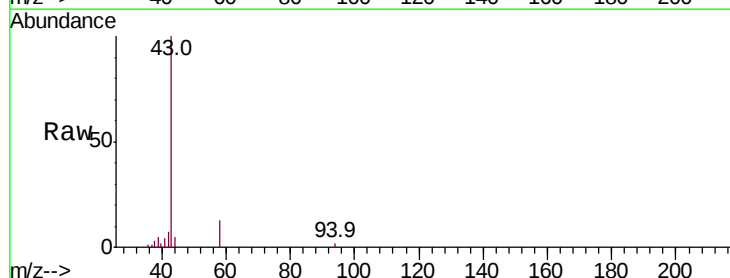
Acq: 25 Jun 2019 15:42

Tgt Ion: 43 Resp: 82249

Ion Ratio Lower Upper

43 100

58 12.5 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

30000

25000

20000

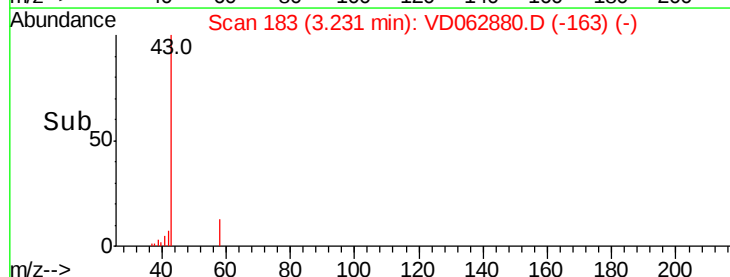
15000

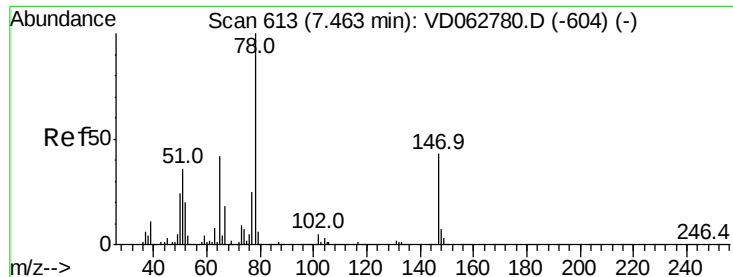
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 41.774 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.00 min

Lab File: VD062880.D

Acq: 25 Jun 2019 15:42

Instrument :

MSVOA_D

ClientSampled :

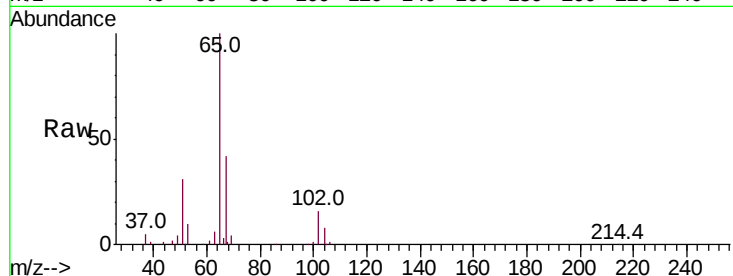
COMP-1

Tot Ion: 65 Resp: 340783

Ion Ratio Lower Upper

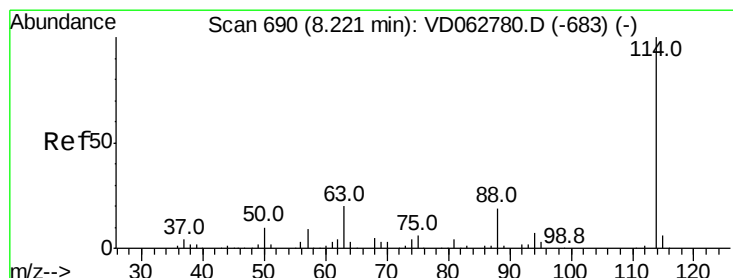
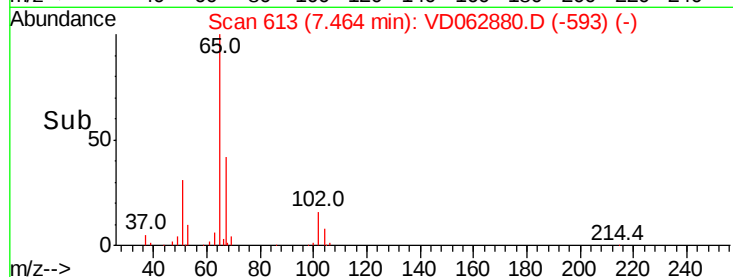
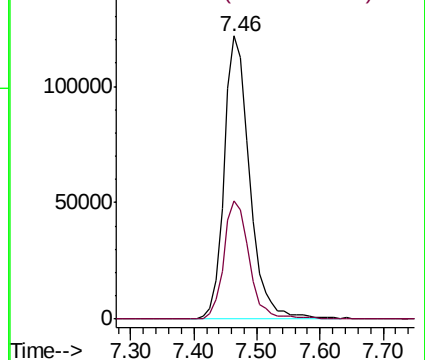
65 100

67 41.6 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: VD062880.D

Acq: 25 Jun 2019 15:42

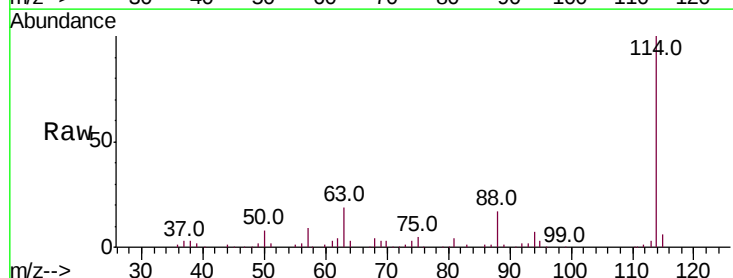
Tgt Ion: 114 Resp: 1071131

Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

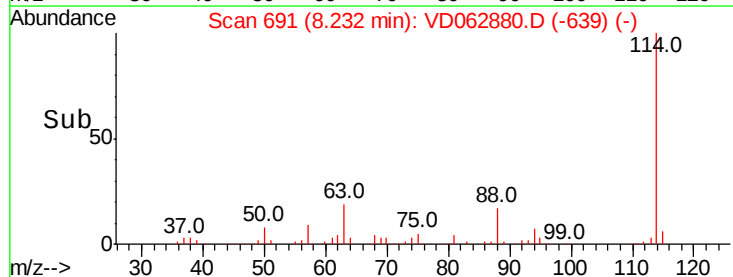
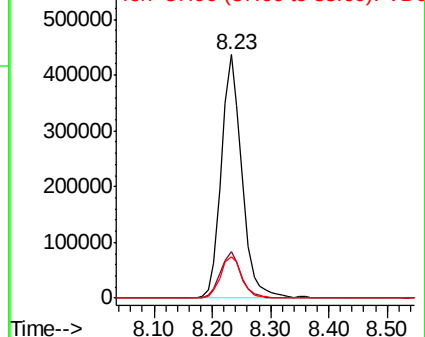
88 16.7 0.0 38.8

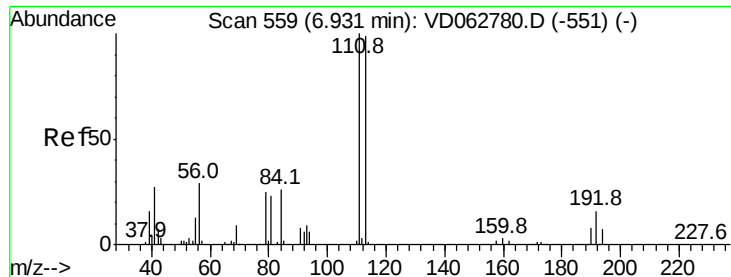


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

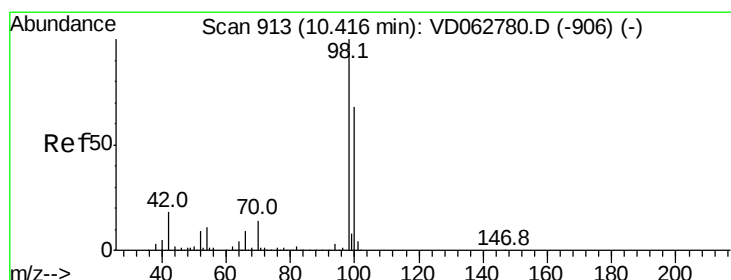
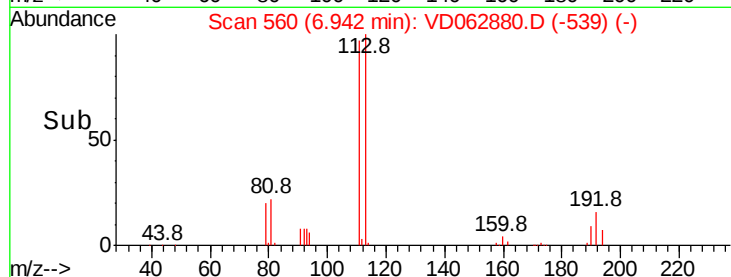
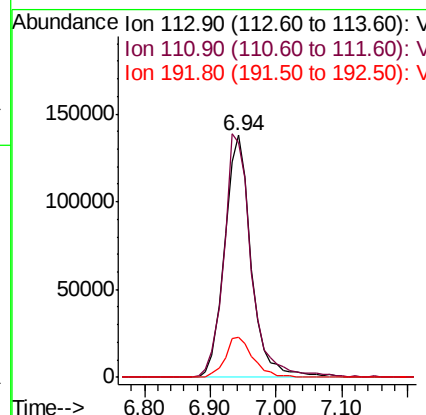
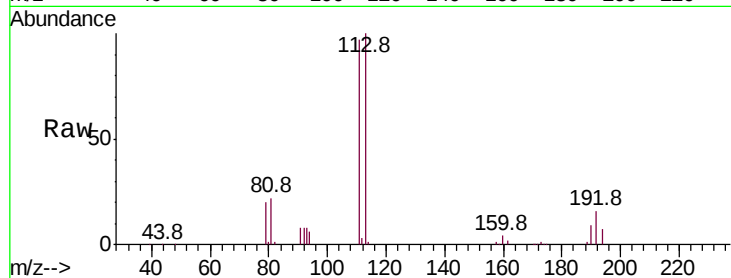




#35
 Dibromofluoromethane
 Concen: 43.044 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: VD062880.D
 Acq: 25 Jun 2019 15:42

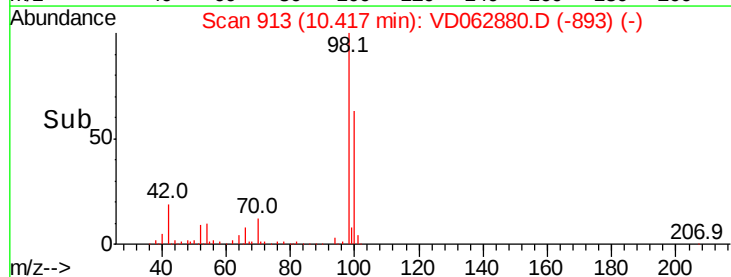
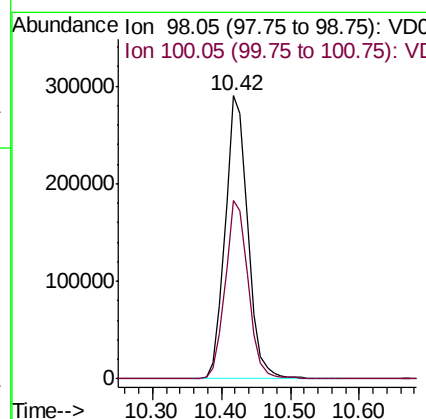
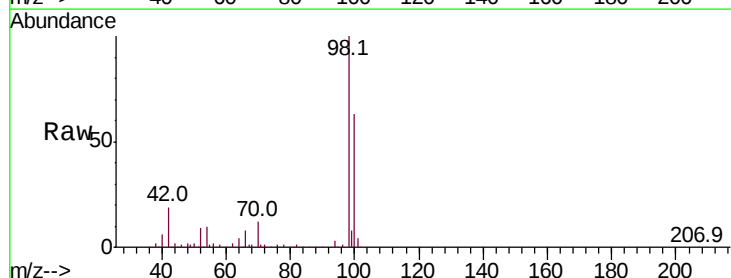
Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-1

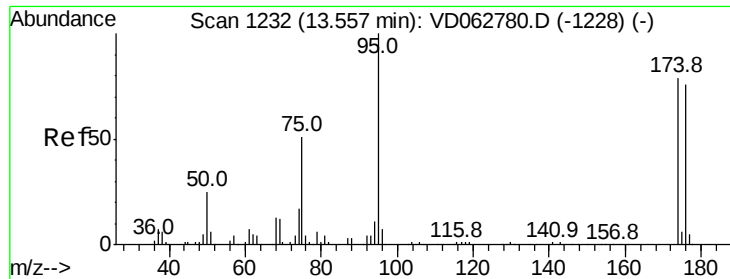
Tot Ion:113 Resp: 388758
 Ion Ratio Lower Upper
 113 100
 111 97.0 81.2 121.8
 192 16.4 12.9 19.3



#50
 Toluene-d8
 Concen: 33.511 ug/l
 RT: 10.42 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: VD062880.D
 Acq: 25 Jun 2019 15:42

Tgt Ion: 98 Resp: 658734
 Ion Ratio Lower Upper
 98 100
 100 63.1 54.7 82.1





#62

4-Bromofluorobenzene

Concen: 38.501 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD062880.D

Acq: 25 Jun 2019 15:42

Instrument :

MSVOA_D

ClientSampleId :

COMP-1

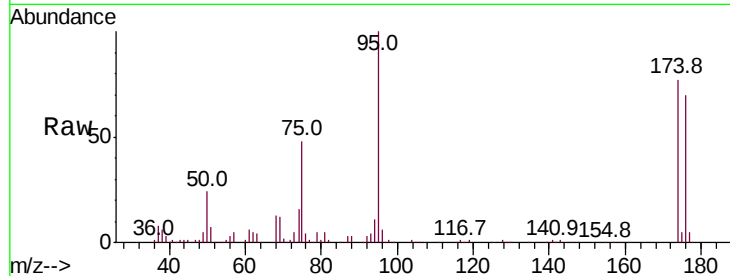
Tot Ion: 95 Resp: 344131

Ion Ratio Lower Upper

95 100

174 76.6 0.0 158.0

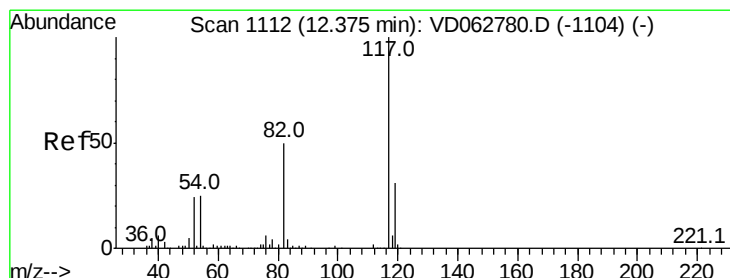
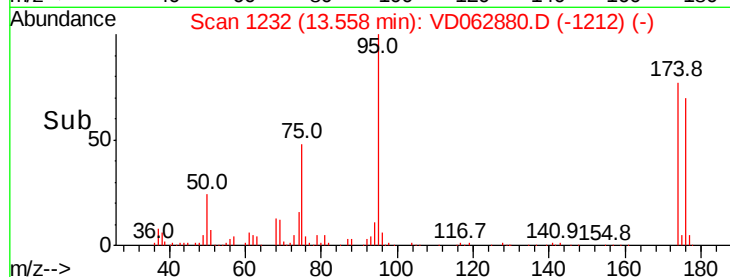
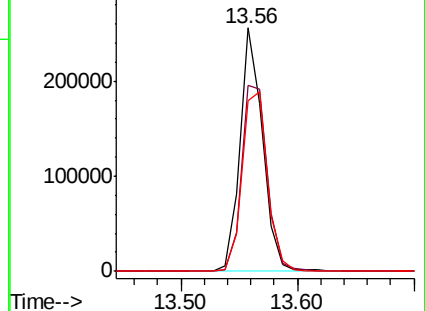
176 70.3 0.0 151.6



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: 12.38 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VD062880.D

Acq: 25 Jun 2019 15:42

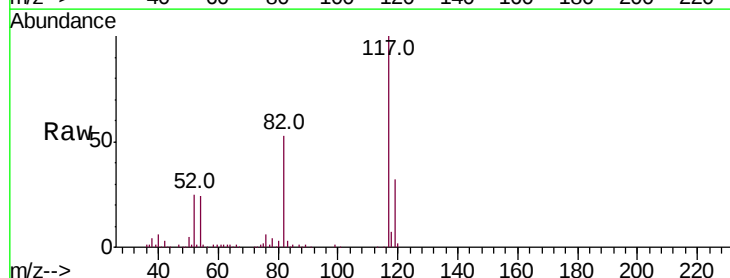
Tgt Ion: 117 Resp: 786095

Ion Ratio Lower Upper

117 100

82 52.8 40.4 60.6

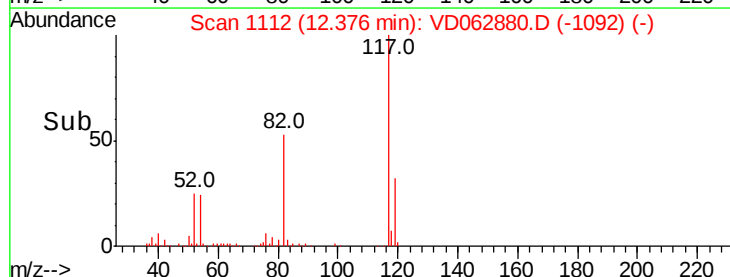
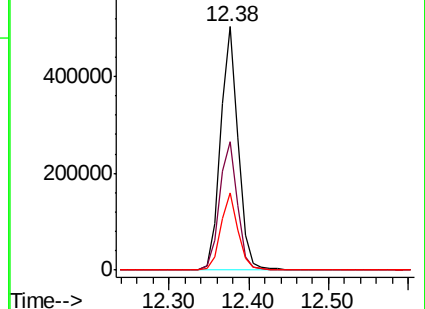
119 31.8 25.2 37.8

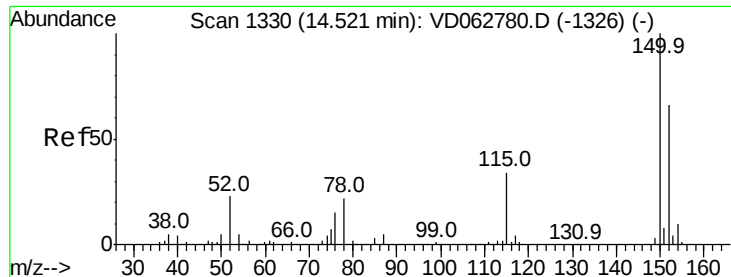


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

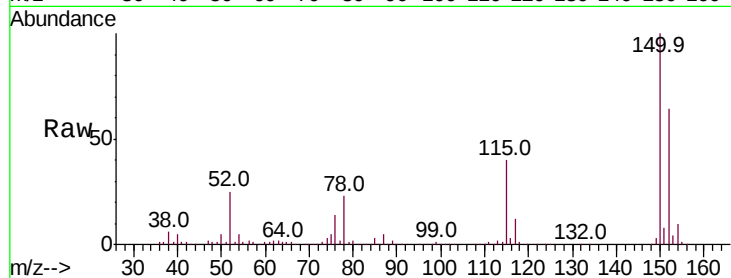




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VD062880.D
 Acq: 25 Jun 2019 15:42

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-1

Tot Ion:152 Resp: 455816
 Ion Ratio Lower Upper
 152 100
 115 62.3 29.2 87.6
 150 156.1 0.0 305.8



Abundance Ion 151.90 (151.60 to 152.60): V
 800000 Ion 115.00 (114.70 to 115.70): V
 Ion 149.90 (149.60 to 150.60): V

