

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032319\
 Data File : VD061281.D
 Acq On : 23 Mar 2019 15:29
 Operator : VA/AP
 Sample : K2081-05
 Misc : 4.38g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S3A(10)

Quant Time: Mar 25 05:23:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

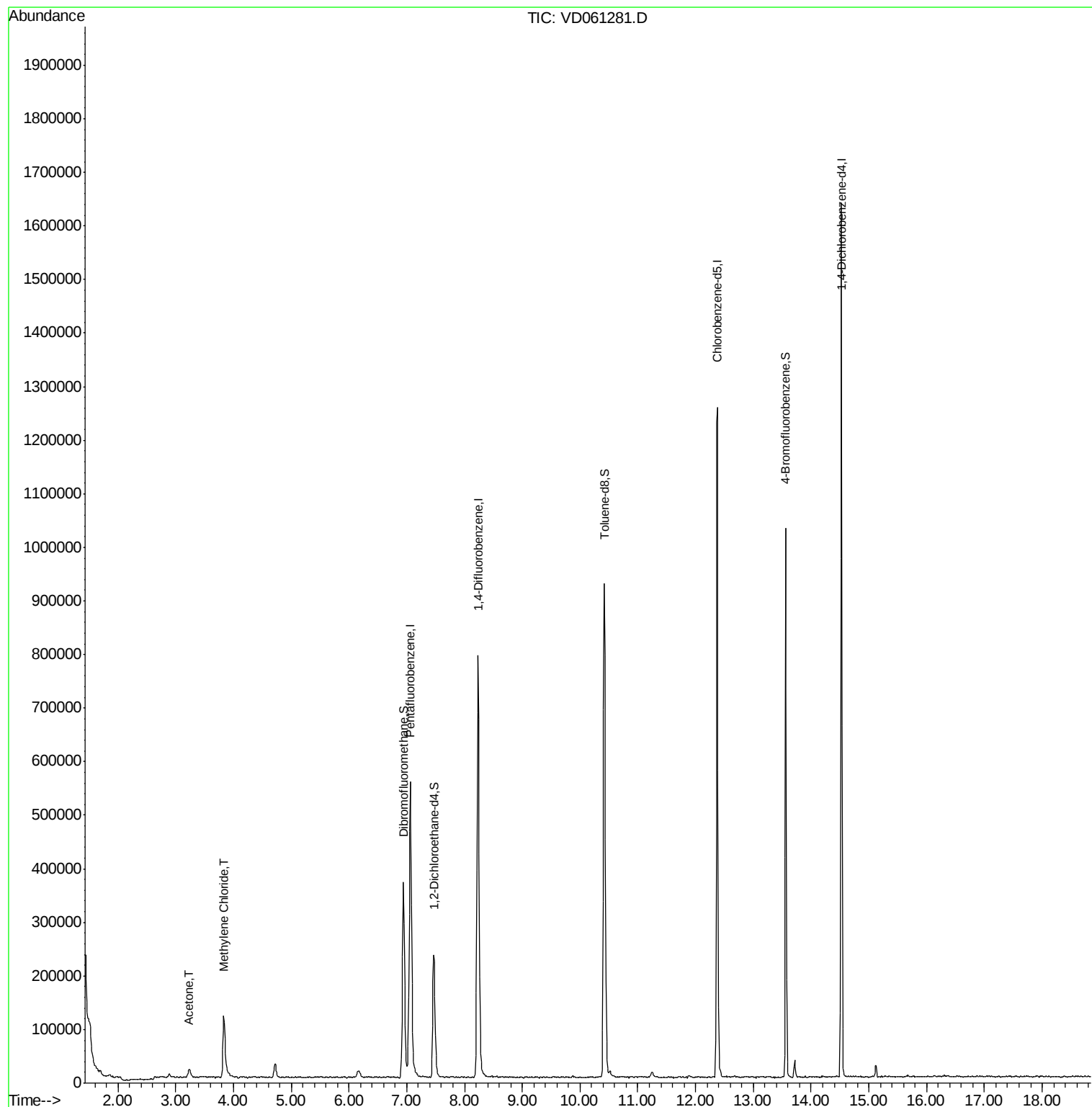
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	585287	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1029145	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	854100	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	372207	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	232767	47.78	ug/l	0.02
Spiked Amount 50.000			Recovery	=	95.56%	
35) Dibromofluoromethane	6.94	113	348366	45.61	ug/l	0.02
Spiked Amount 50.000			Recovery	=	91.22%	
50) Toluene-d8	10.42	98	825296	43.03	ug/l	0.02
Spiked Amount 50.000			Recovery	=	86.06%	
62) 4-Bromofluorobenzene	13.56	95	320526	43.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.14%	
Target Compounds						
16) Acetone	3.23	43	32720	23.486	ug/l	95
20) Methylene Chloride	3.83	84	90632	10.592	ug/l	92

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.02 min

Lab File: VD061281.D

Acq: 23 Mar 2019 15:29

Instrument :

MSVOA_D

ClientSampleId :

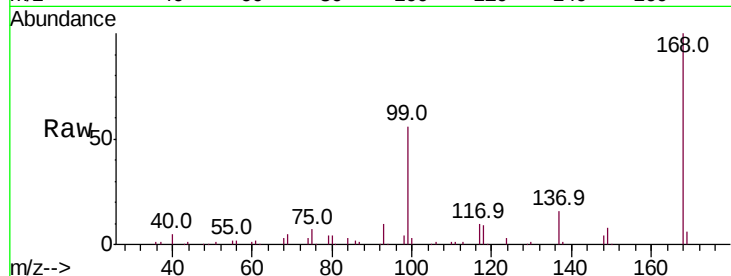
S3A(10)

Tot Ion:168 Resp: 585287

Ion Ratio Lower Upper

168 100

99 56.2 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

200000

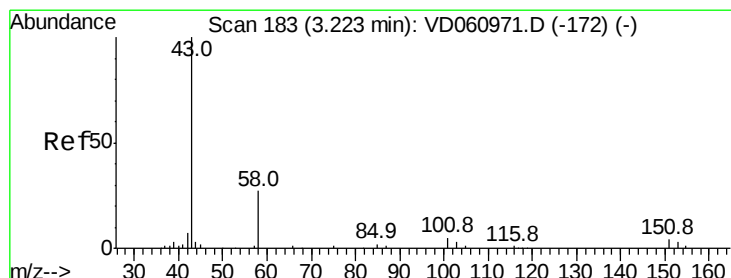
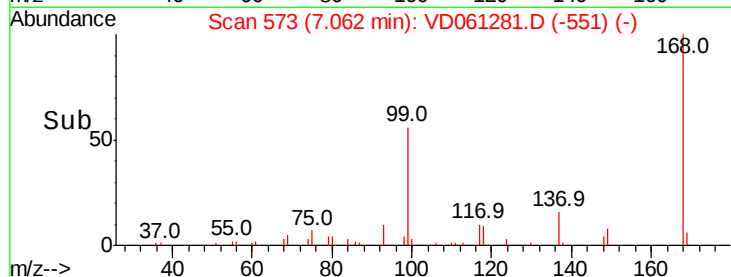
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 23.486 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.01 min

Lab File: VD061281.D

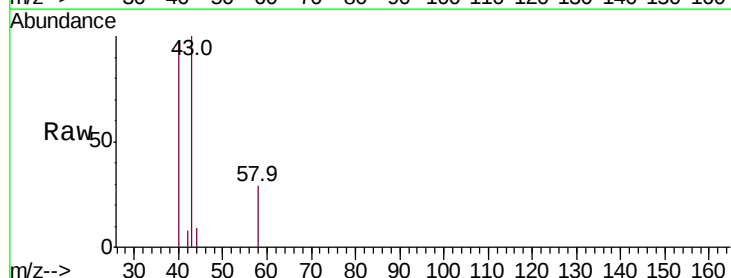
Acq: 23 Mar 2019 15:29

Tgt Ion: 43 Resp: 32720

Ion Ratio Lower Upper

43 100

58 29.4 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

12000

10000

8000

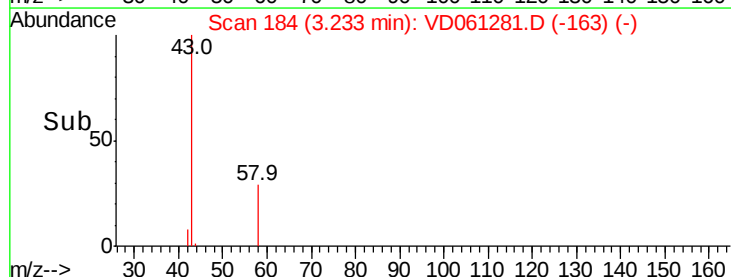
6000

4000

2000

0

Time--> 3.10 3.20 3.30 3.40

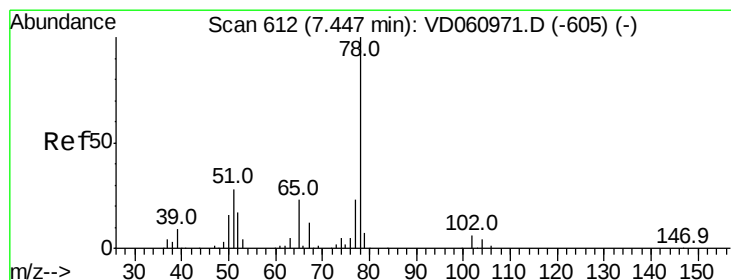
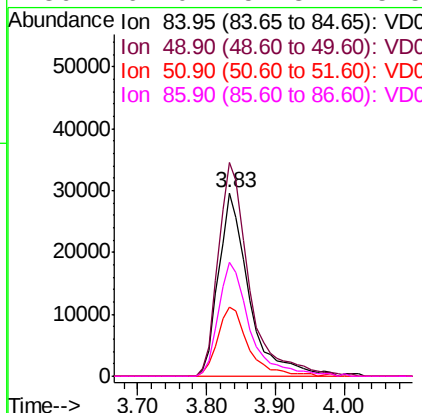
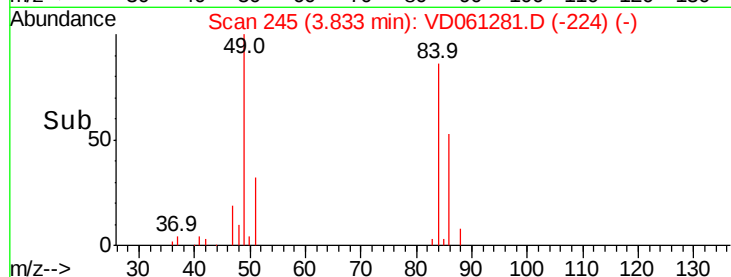
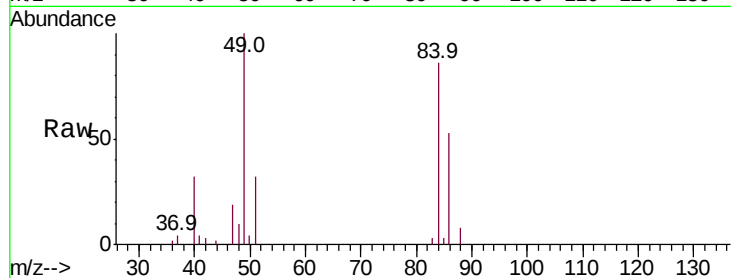




#20
Methylene Chloride
Concen: 10.592 ug/l
RT: 3.83 min Scan# 245
Delta R.T. 0.01 min
Lab File: VD061281.D
Acq: 23 Mar 2019 15:29

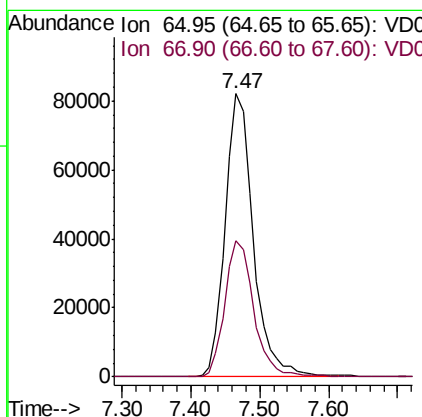
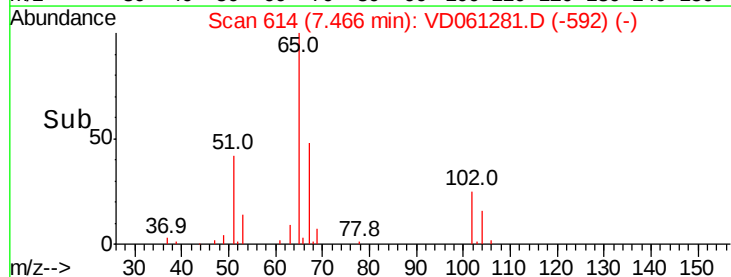
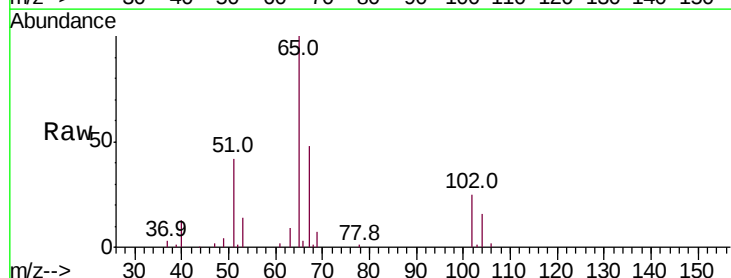
Instrument :
MSVOA_D
ClientSampleId :
S3A(10)

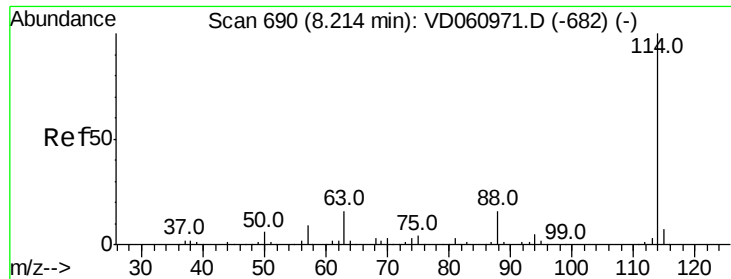
Tot Ion: 84 Resp: 90632
Ion Ratio Lower Upper
84 100
49 116.5 104.2 156.2
51 37.8 32.3 48.5
86 62.0 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.02 min
Lab File: VD061281.D
Acq: 23 Mar 2019 15:29

Tgt Ion: 65 Resp: 232767
Ion Ratio Lower Upper
65 100
67 48.3 0.0 105.2

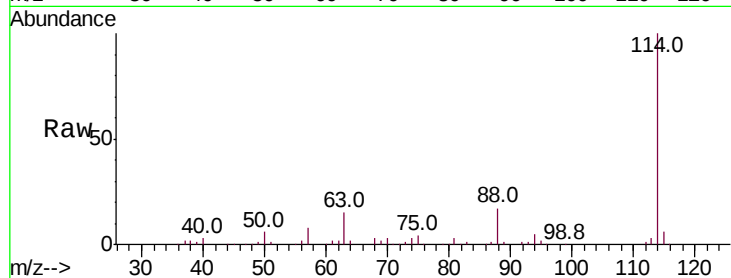




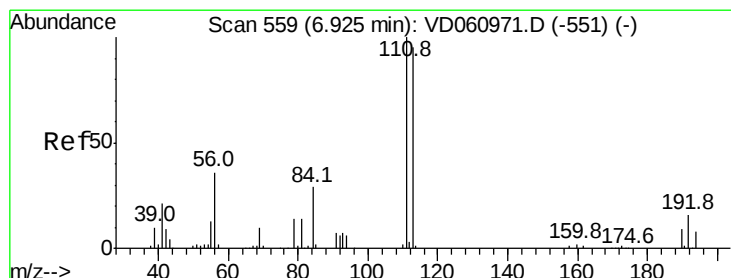
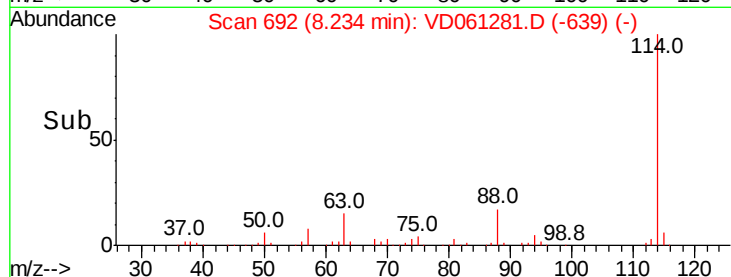
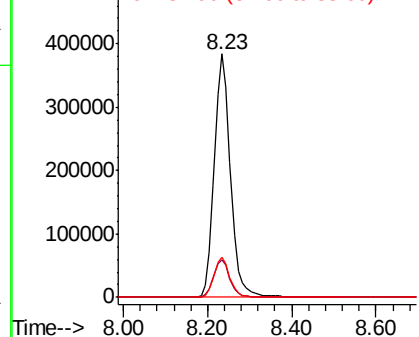
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.02 min
 Lab File: VD061281.D
 Acq: 23 Mar 2019 15:29

Instrument :
 MSVOA_D
 ClientSampleId :
 S3A(10)

Tot Ion:114 Resp: 1029145
 Ion Ratio Lower Upper
 114 100
 63 15.2 0.0 31.4
 88 16.6 0.0 33.0

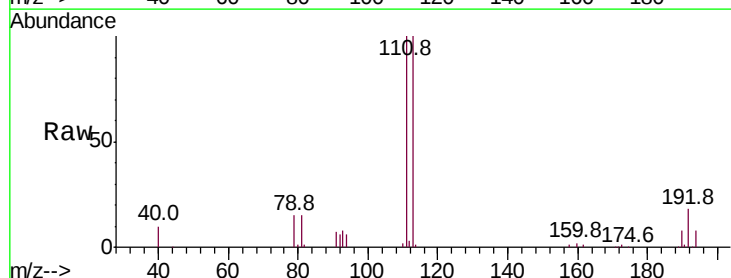


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

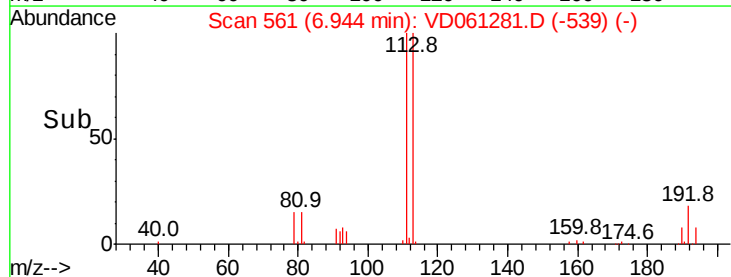
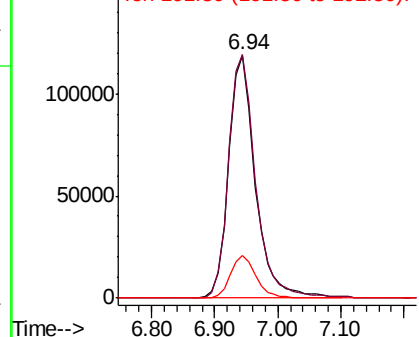


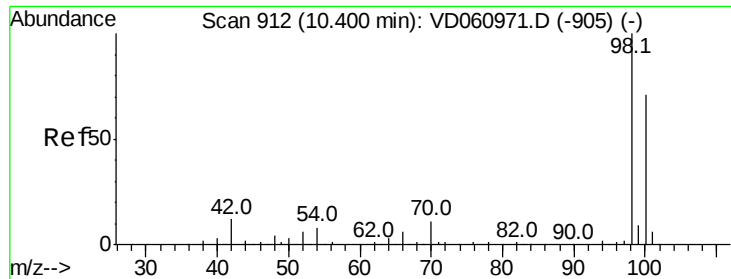
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.02 min
 Lab File: VD061281.D
 Acq: 23 Mar 2019 15:29

Tgt Ion:113 Resp: 348366
 Ion Ratio Lower Upper
 113 100
 111 100.3 84.2 126.4
 192 17.7 13.1 19.7



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: N.D. ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD061281.D

Acq: 23 Mar 2019 15:29

Instrument :

MSVOA_D

ClientSampleId :

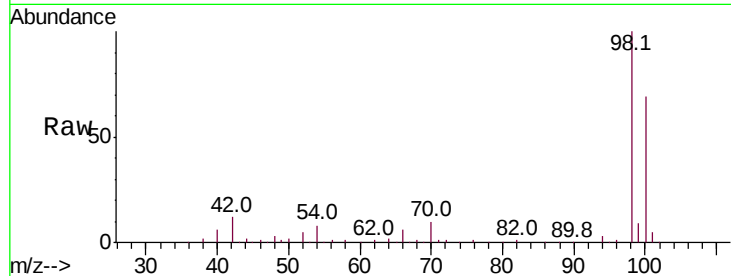
S3A(10)

Tot Ion: 98 Resp: 825296

Ion Ratio Lower Upper

98 100

100 69.2 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

10.42

400000

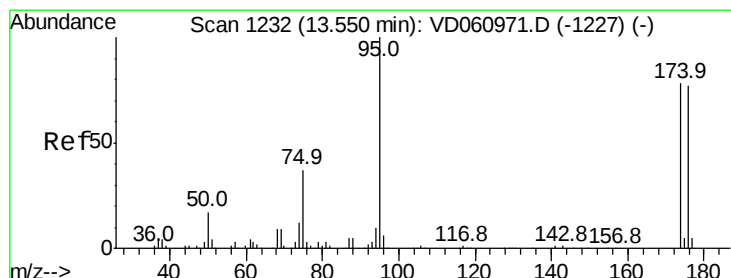
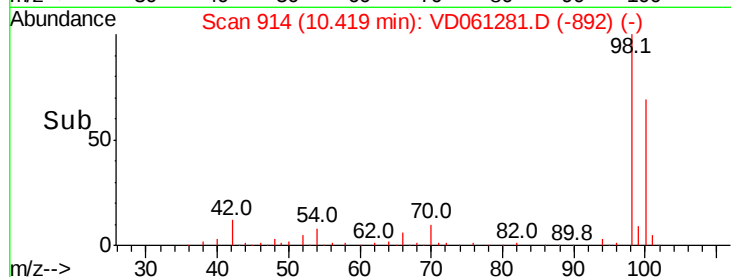
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061281.D

Acq: 23 Mar 2019 15:29

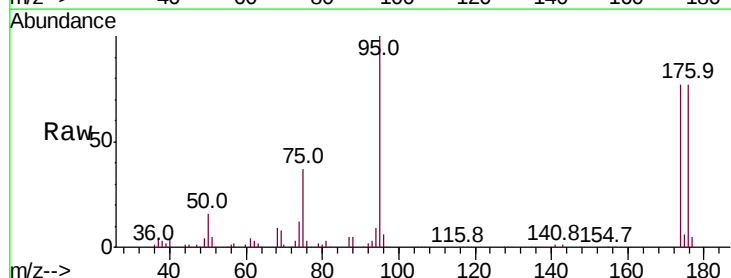
Tgt Ion: 95 Resp: 320526

Ion Ratio Lower Upper

95 100

174 77.2 0.0 155.6

176 77.0 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

300000

250000

200000

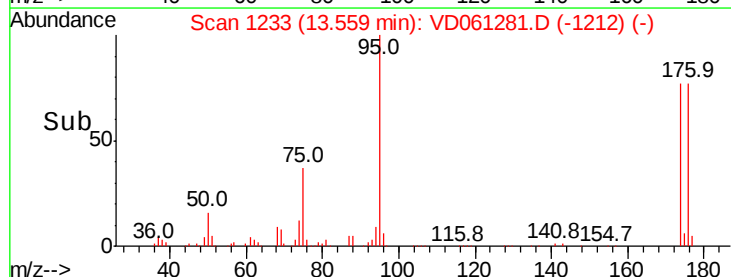
150000

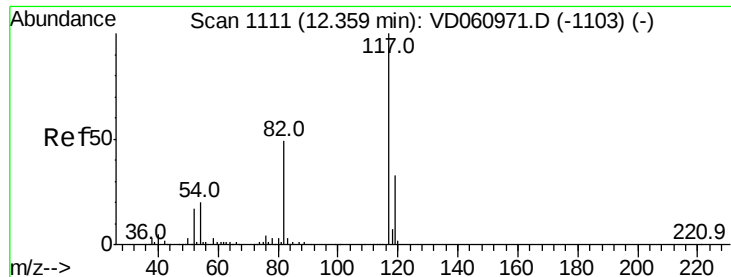
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.38 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VD061281.D

Acq: 23 Mar 2019 15:29

Instrument :

MSVOA_D

ClientSampleId :

S3A(10)

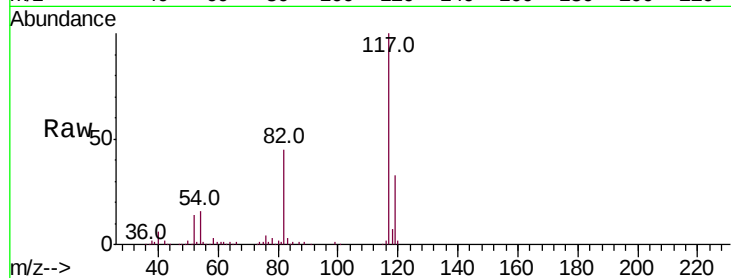
Tot Ion:117 Resp: 854100

Ion Ratio Lower Upper

117 100

82 44.7 38.9 58.3

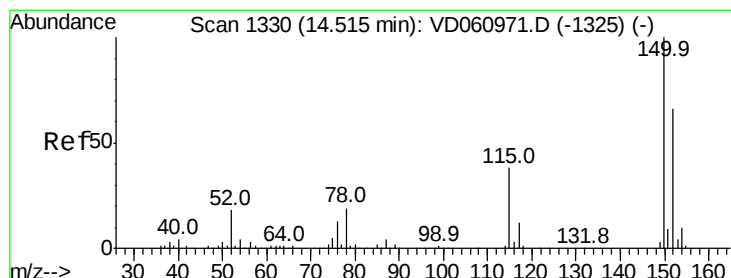
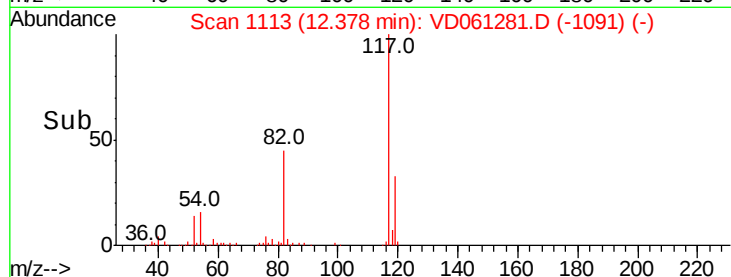
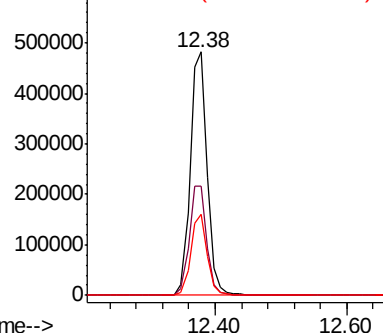
119 33.0 26.6 39.8



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# 1331

Delta R.T. 0.01 min

Lab File: VD061281.D

Acq: 23 Mar 2019 15:29

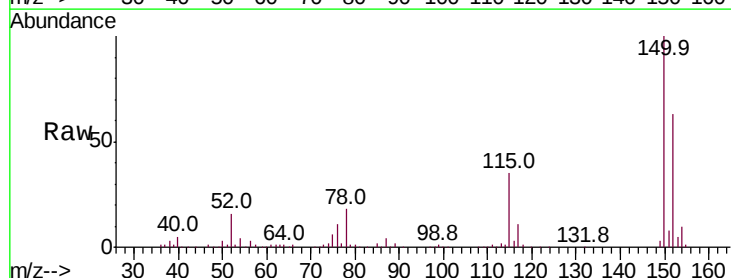
Tgt Ion:152 Resp: 372207

Ion Ratio Lower Upper

152 100

115 56.1 28.6 85.9

150 158.1 0.0 310.6



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

