

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060319\
 Data File : VD062584.D
 Acq On : 3 Jun 2019 14:35
 Operator : VA/AP
 Sample : K3150-01
 Misc : 6.42g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 IRONBOUND-TP

Quant Time: Jun 04 06:44:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 02:08:29 2019
 Response via : Initial Calibration

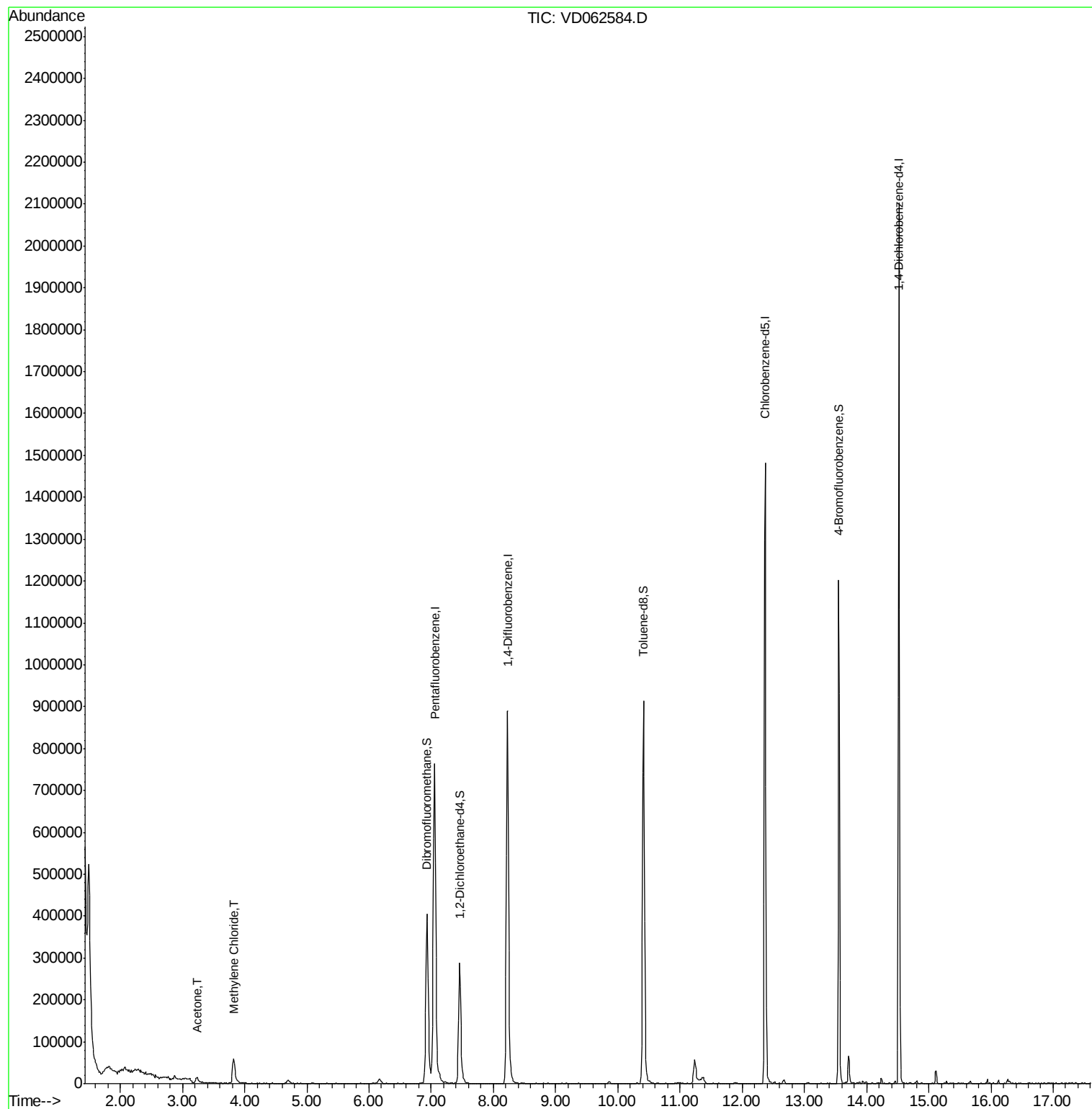
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	732164	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	944422	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	779891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	423227	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	339522	39.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.10%	
35) Dibromofluoromethane	6.93	113	352752	40.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.98%	
50) Toluene-d8	10.41	98	733852	38.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.84%	
62) 4-Bromofluorobenzene	13.55	95	323570	38.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.10%	
Target Compounds						
16) Acetone	3.23	43	31345	18.583	ug/l	97
20) Methylene Chloride	3.82	84	40308	6.456	ug/l	97

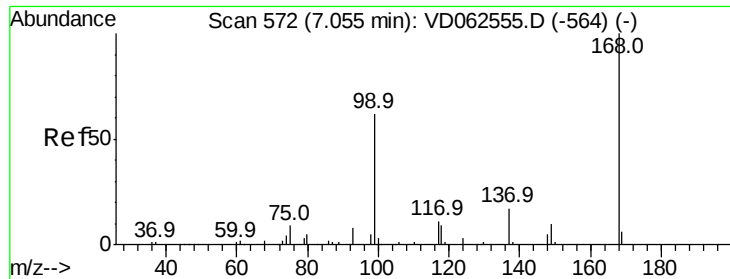
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.00 min

Lab File: VD062584.D

Acq: 3 Jun 2019 14:35

Instrument :

MSVOA_D

ClientSampleId :

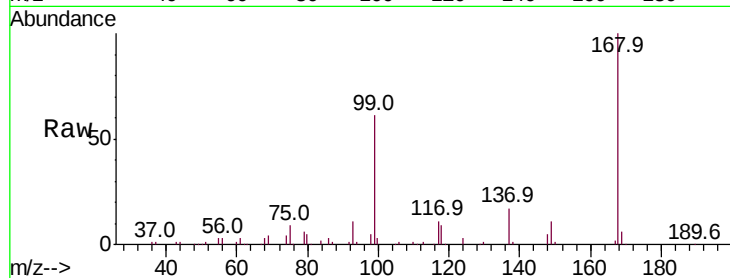
IRONBOUND-TP

Tot Ion:168 Resp: 732164

Ion Ratio Lower Upper

168 100

99 61.3 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

250000

200000

150000

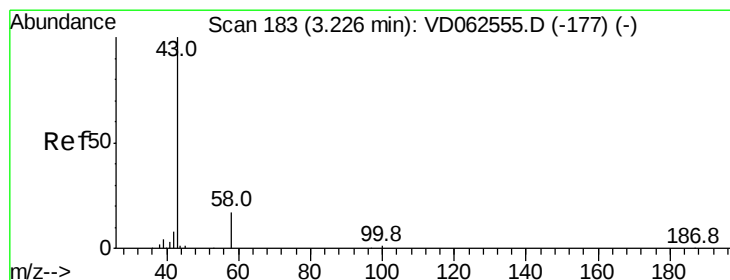
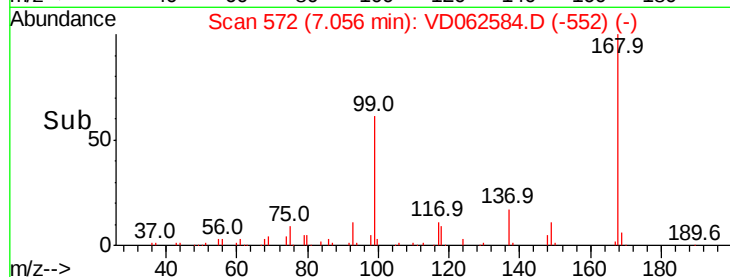
100000

50000

0

Time-->

6.90 7.00 7.10 7.20 7.30



#16

Acetone

Concen: 18.583 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.00 min

Lab File: VD062584.D

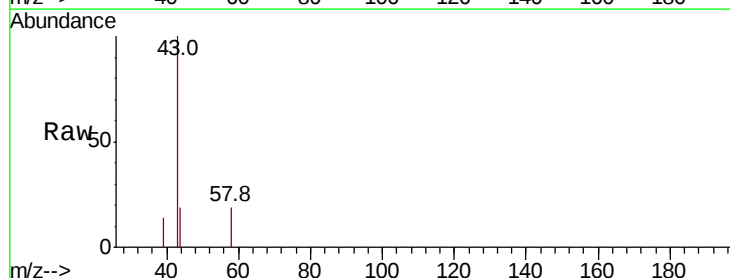
Acq: 3 Jun 2019 14:35

Tgt Ion: 43 Resp: 31345

Ion Ratio Lower Upper

43 100

58 18.8 13.8 20.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

10000

8000

6000

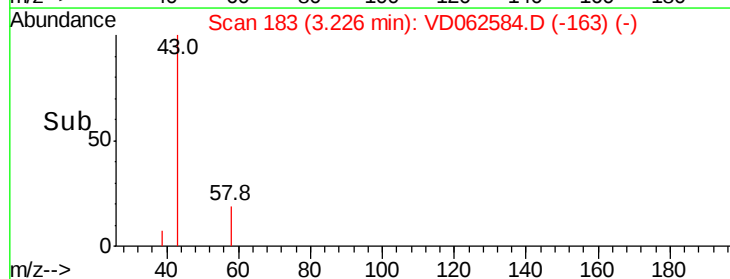
4000

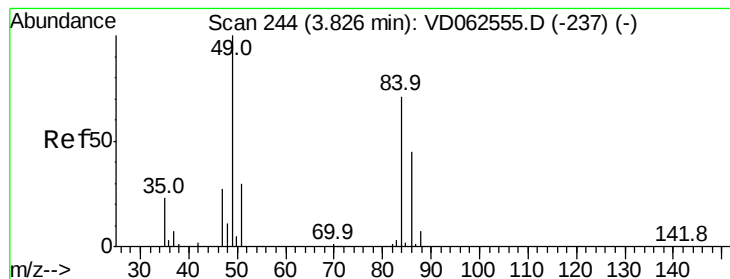
2000

0

Time-->

3.10 3.20 3.30 3.40





#20

Methylene Chloride

Concen: 6.456 ug/l

RT: 3.82 min Scan# 243

Delta R.T. -0.01 min

Lab File: VD062584.D

Acq: 3 Jun 2019 14:35

Instrument :

MSVOA_D

ClientSampleId :

IRONBOUND-TP

Tot Ion: 84 Resp: 40308

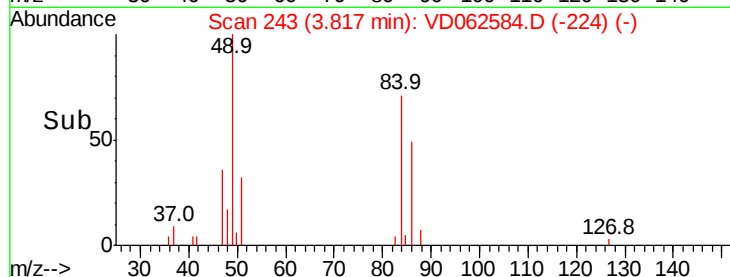
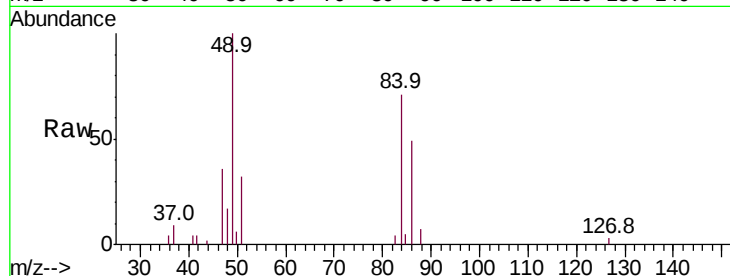
Ion Ratio Lower Upper

84 100

49 140.1 112.3 168.5

51 44.5 33.6 50.4

86 68.4 50.4 75.6

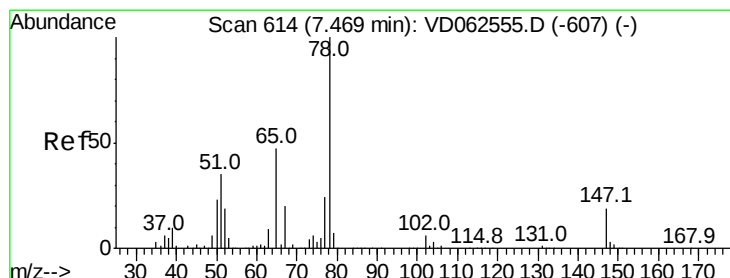
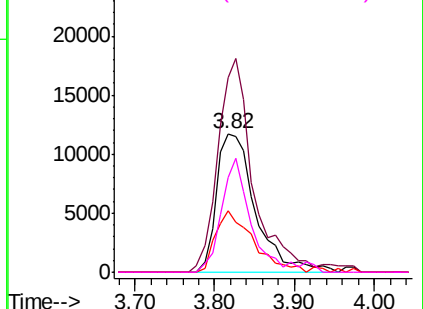


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 39.549 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.01 min

Lab File: VD062584.D

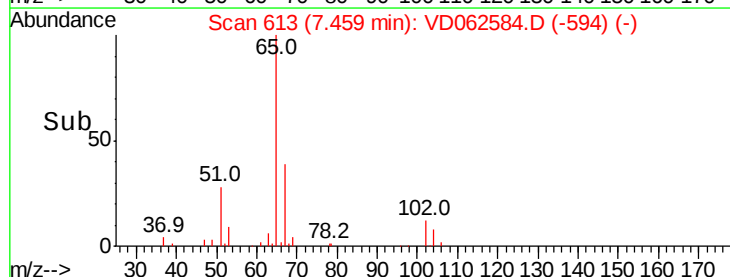
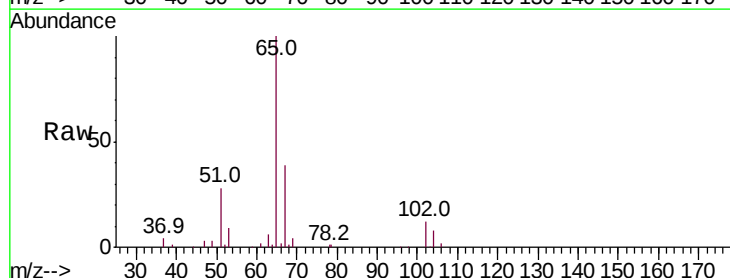
Acq: 3 Jun 2019 14:35

Tgt Ion: 65 Resp: 339522

Ion Ratio Lower Upper

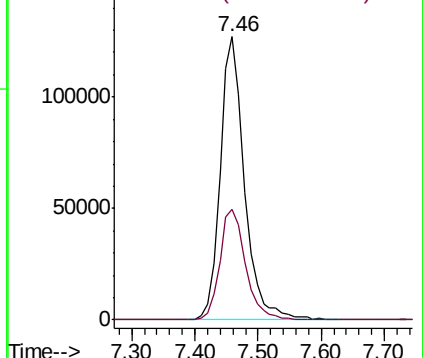
65 100

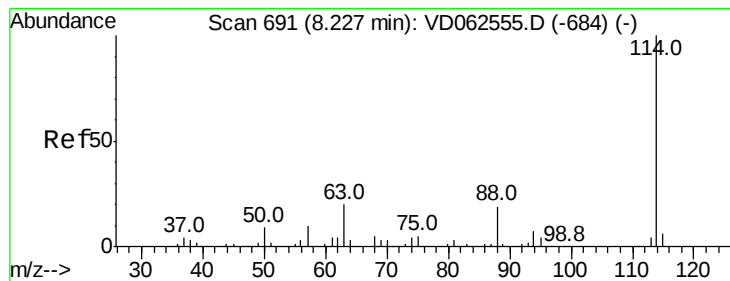
67 39.1 0.0 83.6



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. 0.00 min

Lab File: VD062584.D

Acq: 3 Jun 2019 14:35

Instrument :

MSVOA_D

ClientSampleId :

IRONBOUND-TP

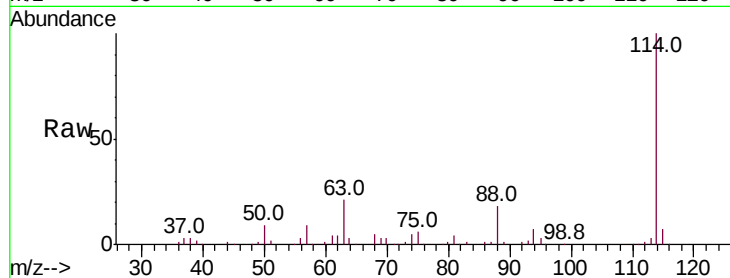
Tot Ion:114 Resp: 944422

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.6

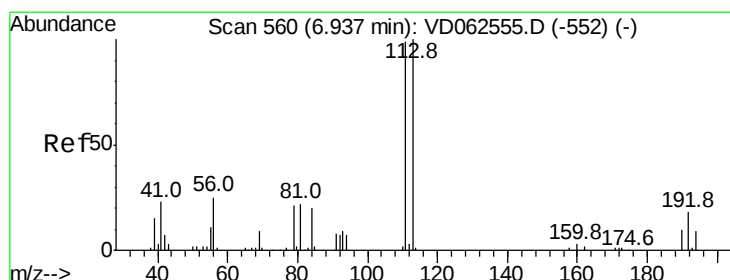
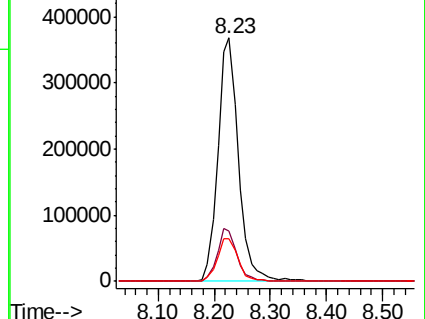
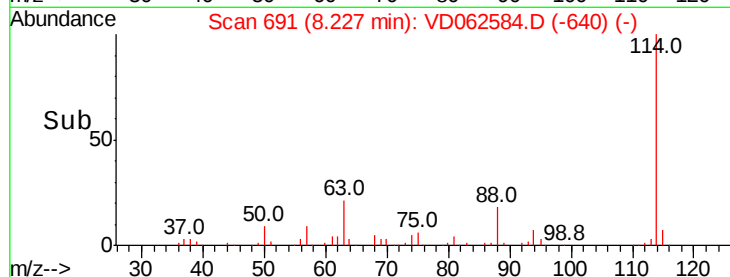
88 17.7 0.0 37.6



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: 40.988 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD062584.D

Acq: 3 Jun 2019 14:35

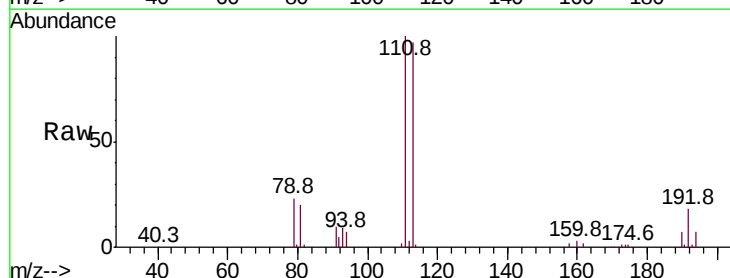
Tgt Ion:113 Resp: 352752

Ion Ratio Lower Upper

113 100

111 103.2 78.8 118.2

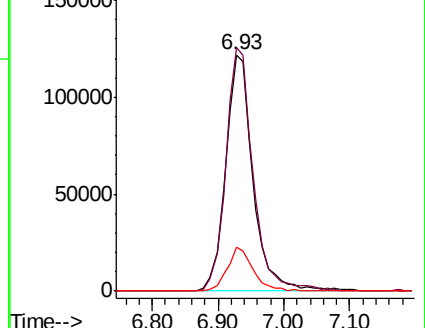
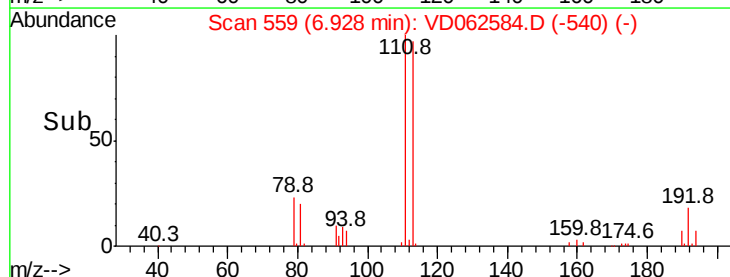
192 18.4 14.6 22.0

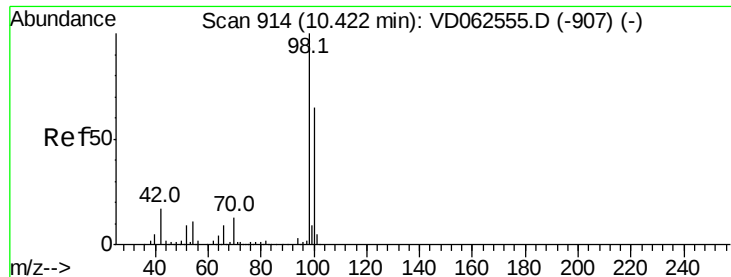


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

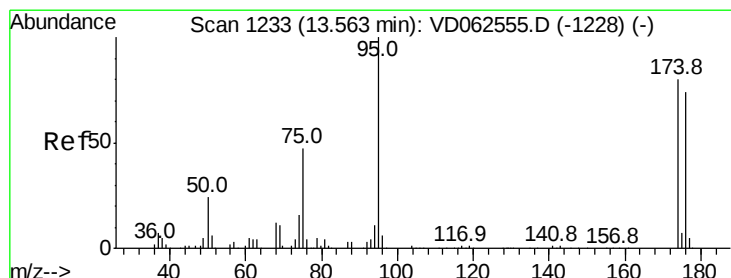
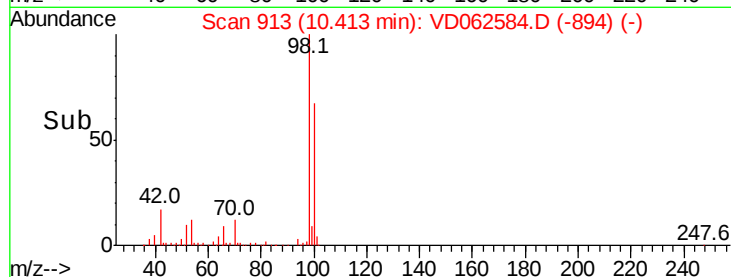
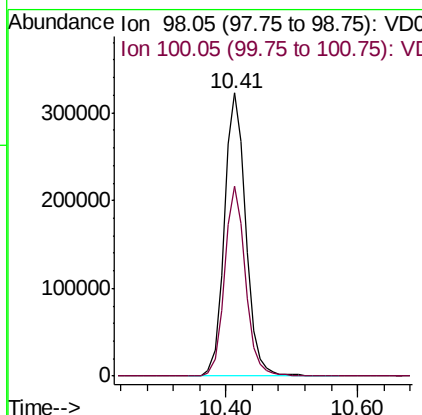
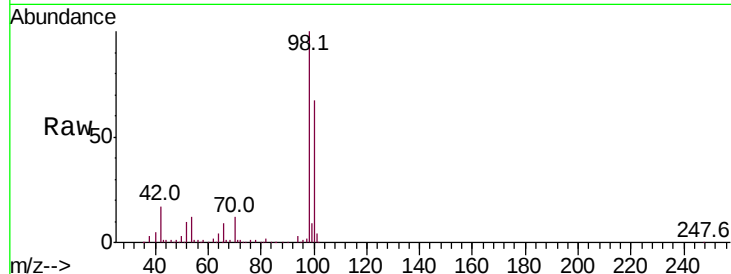




#50
Toluene-d8
Concen: 38.918 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD062584.D
Acq: 3 Jun 2019 14:35

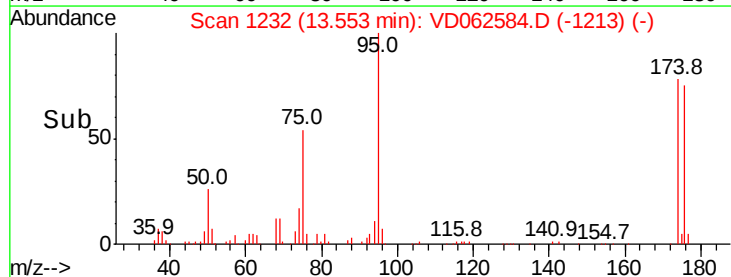
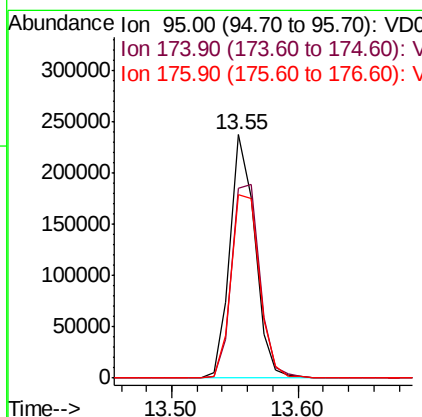
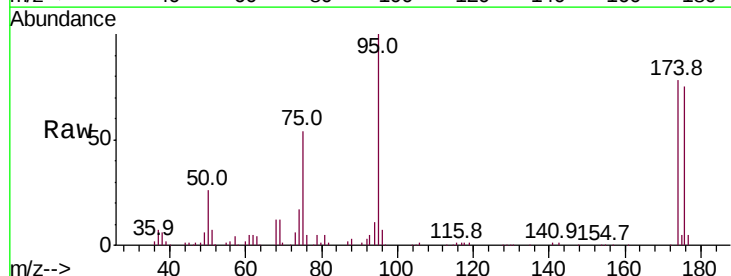
Instrument :
MSVOA_D
ClientSampleId :
IRONBOUND-TP

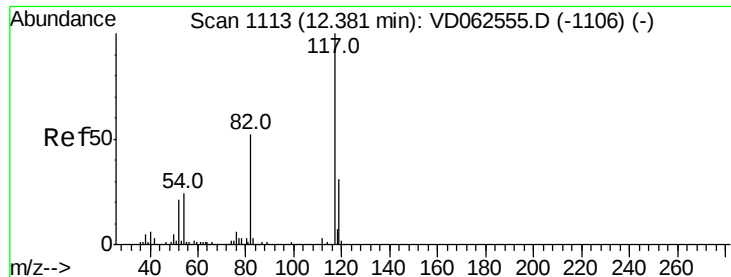
Tot Ion: 98 Resp: 733852
Ion Ratio Lower Upper
98 100
100 67.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 38.051 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD062584.D
Acq: 3 Jun 2019 14:35

Tgt Ion: 95 Resp: 323570
Ion Ratio Lower Upper
95 100
174 78.0 0.0 160.2
176 75.4 0.0 148.0

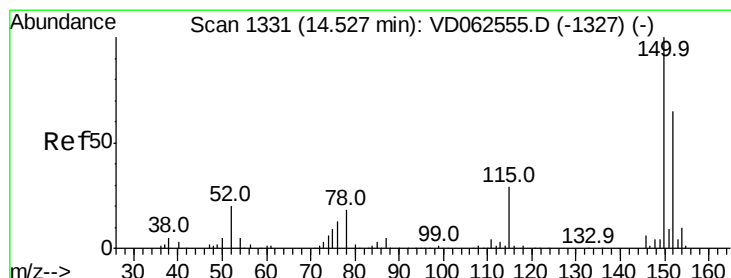
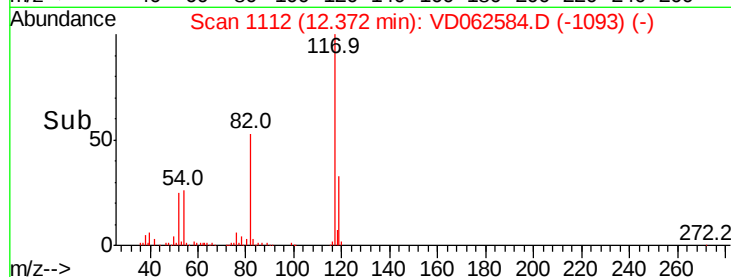
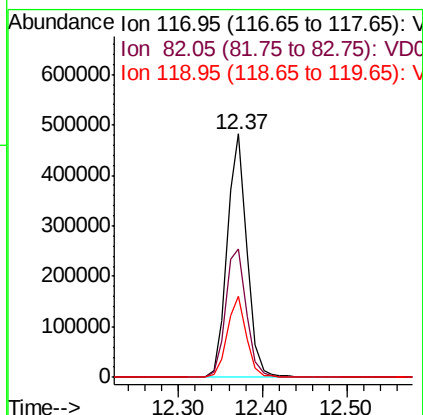
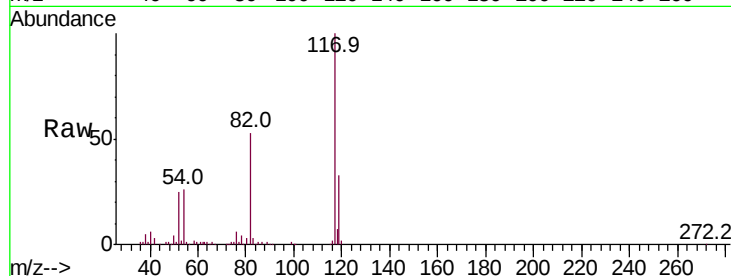




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD062584.D
Acq: 3 Jun 2019 14:35

Instrument :
MSVOA_D
ClientSampleId :
IRONBOUND-TP

Tot Ion:117 Resp: 779891
Ion Ratio Lower Upper
117 100
82 52.6 41.4 62.2
119 33.2 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD062584.D
Acq: 3 Jun 2019 14:35

Tgt Ion:152 Resp: 423227
Ion Ratio Lower Upper
152 100
115 62.0 28.4 85.3
150 157.1 0.0 310.4

