

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040119\
 Data File : VD061481.D
 Acq On : 1 Apr 2019 21:04
 Operator : VA/AP
 Sample : K2182-15
 Misc : 5.19g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S8B(10)

Quant Time: Apr 02 02:30:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

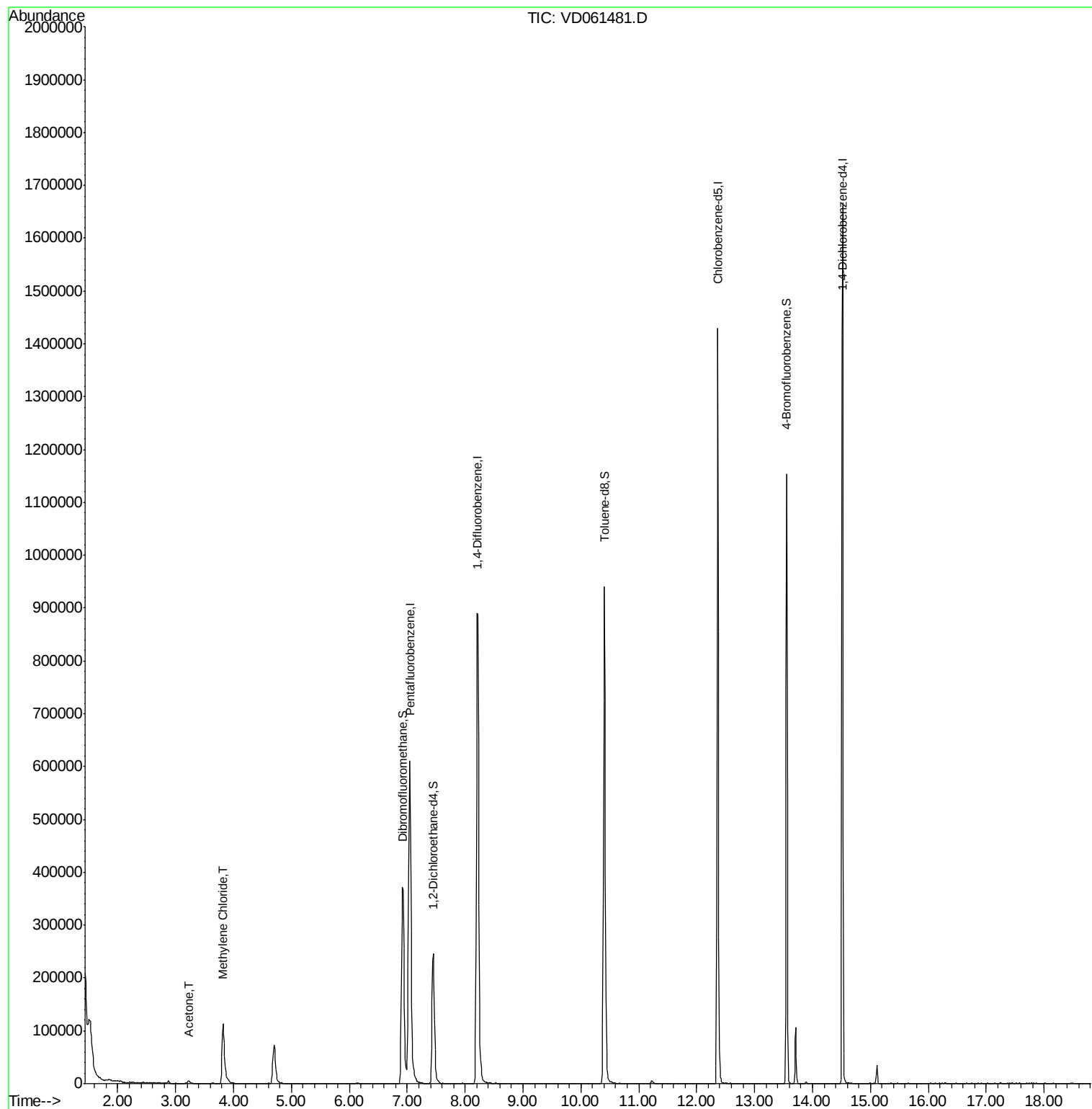
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	652506	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	1140016	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.36	117	885764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	414854	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	265346	47.60	ug/l	0.02
Spiked Amount 50.000			Recovery	=	95.20%	
35) Dibromofluoromethane	6.92	113	375321	43.08	ug/l	0.02
Spiked Amount 50.000			Recovery	=	86.16%	
50) Toluene-d8	10.40	98	814824	39.00	ug/l	0.02
Spiked Amount 50.000			Recovery	=	78.00%	
62) 4-Bromofluorobenzene	13.55	95	351564	43.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.76%	
Target Compounds						
16) Acetone	3.23	43	10144	7.079	ug/l #	89
20) Methylene Chloride	3.82	84	92807	10.027	ug/l	98

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

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.03 min

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MSVOA_D

ClientSampleId :

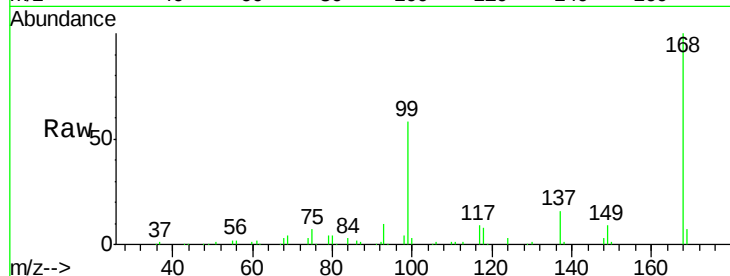
S8B(10)

Tot Ion:168 Resp: 652506

Ion Ratio Lower Upper

168 100

99 58.4 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

250000

200000

150000

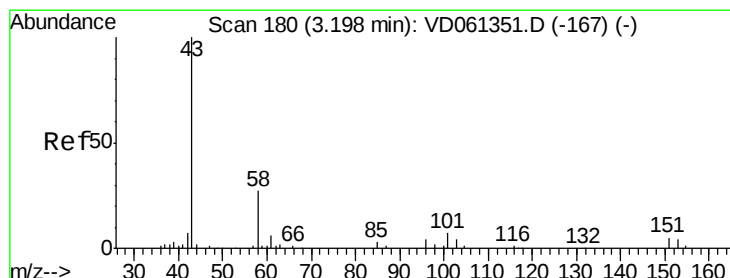
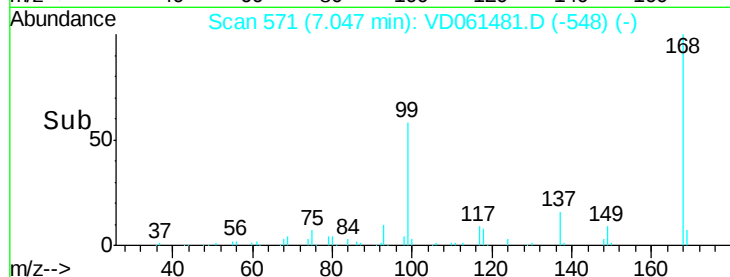
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 7.079 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD061481.D

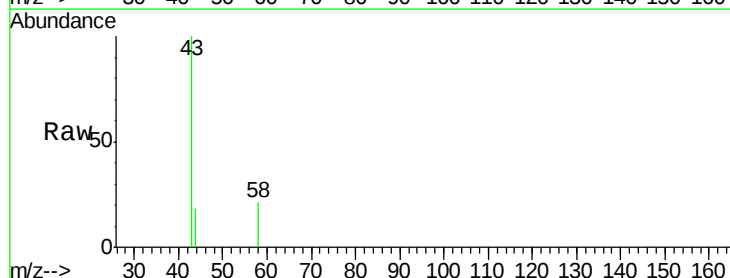
Acq: 1 Apr 2019 21:04

Tgt Ion: 43 Resp: 10144

Ion Ratio Lower Upper

43 100

58 21.1 21.5 32.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

4000

3000

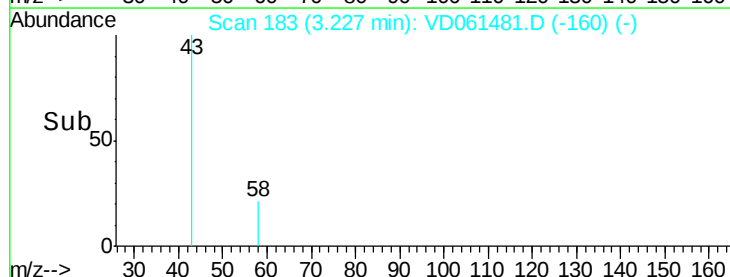
2000

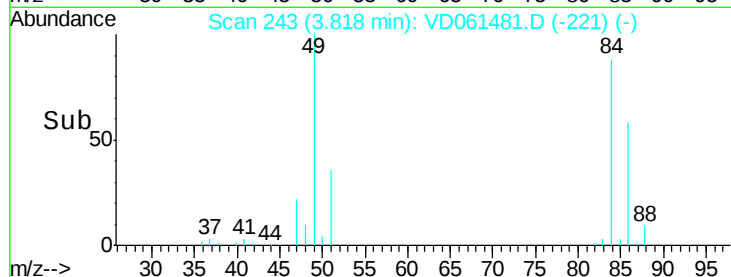
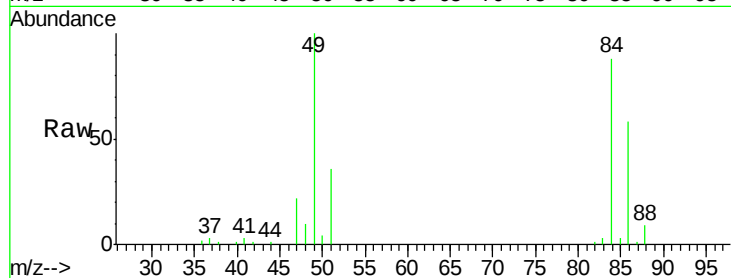
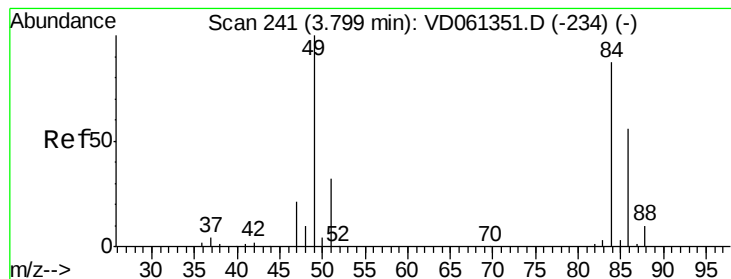
1000

0

3.10 3.20 3.30

Time-->





#20

Methylene Chloride

Concen: 10.027 ug/l

RT: 3.82 min Scan# 243

Delta R.T. 0.02 min

Lab File: VD061481.D

Acq: 1 Apr 2019 21:04

Instrument :

MSVOA_D

ClientSampleId :

S8B(10)

Tot Ion: 84 Resp: 92807

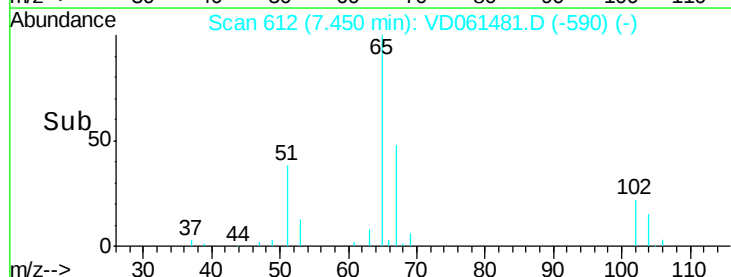
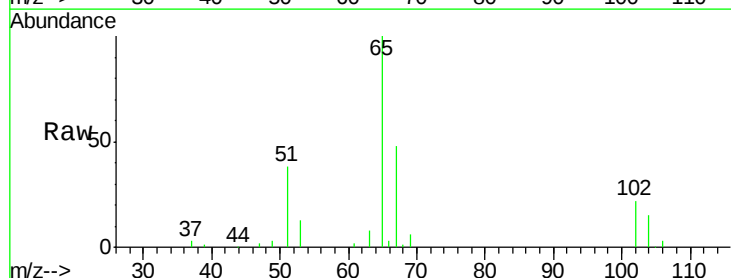
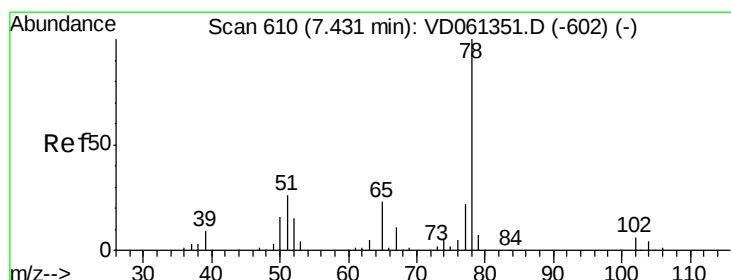
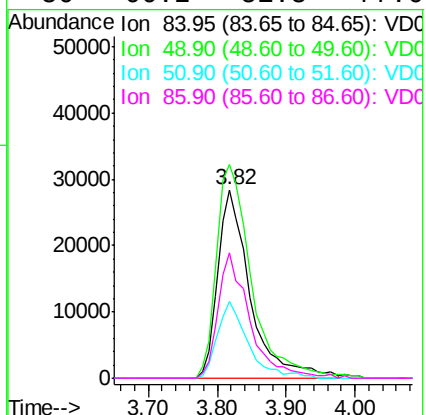
Ion Ratio Lower Upper

84 100

49 113.1 91.8 137.8

51 40.8 29.8 44.8

86 66.2 51.8 77.6



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.02 min

Lab File: VD061481.D

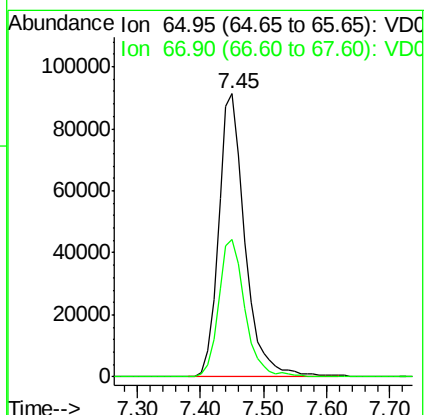
Acq: 1 Apr 2019 21:04

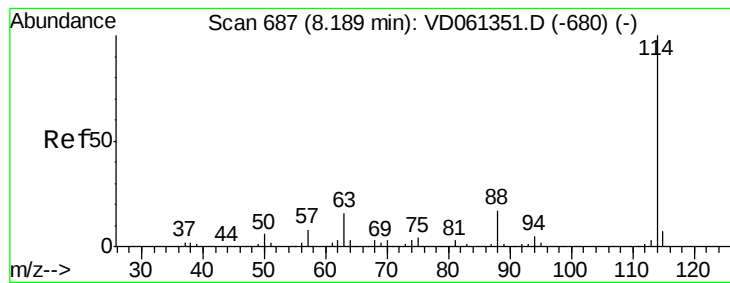
Tgt Ion: 65 Resp: 265346

Ion Ratio Lower Upper

65 100

67 48.5 0.0 99.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.03 min

Lab File: VD061481.D

Acq: 1 Apr 2019 21:04

Instrument :

MSVOA_D

ClientSampleId :

S8B(10)

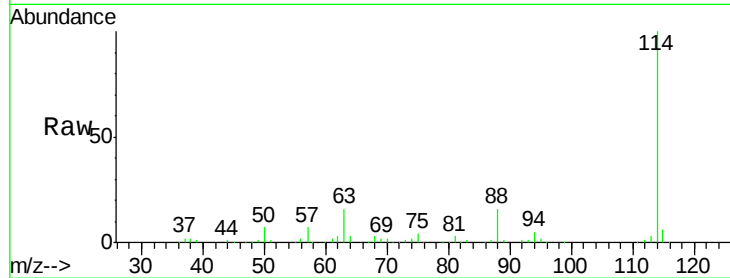
Tot Ion:114 Resp: 1140016

Ion Ratio Lower Upper

114 100

63 16.0 0.0 31.6

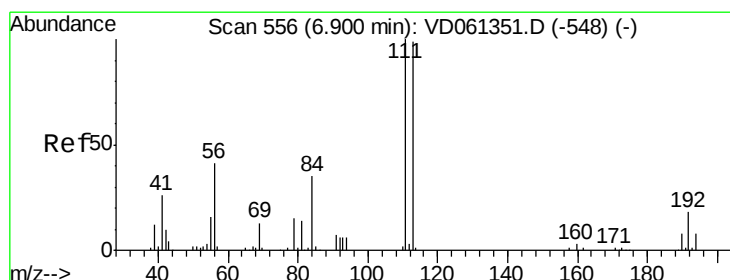
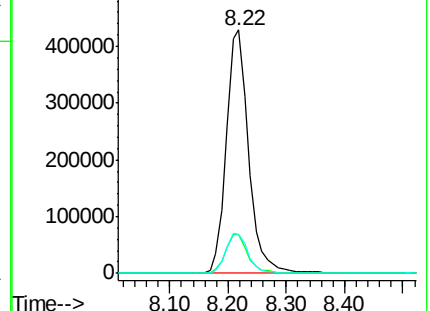
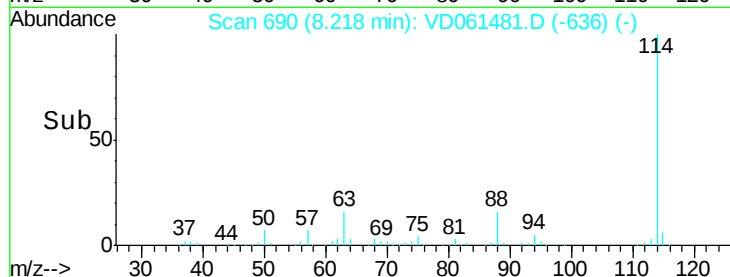
88 16.2 0.0 33.4



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: 6.92 min Scan# 558

Delta R.T. 0.02 min

Lab File: VD061481.D

Acq: 1 Apr 2019 21:04

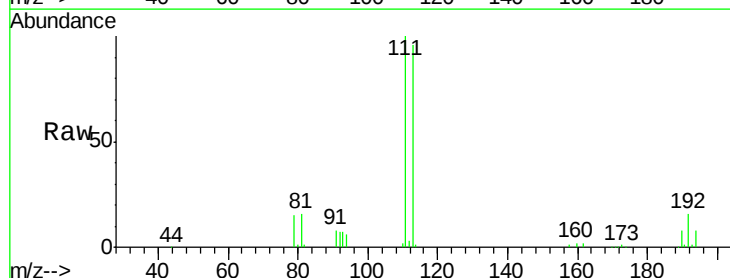
Tgt Ion:113 Resp: 375321

Ion Ratio Lower Upper

113 100

111 104.7 81.0 121.6

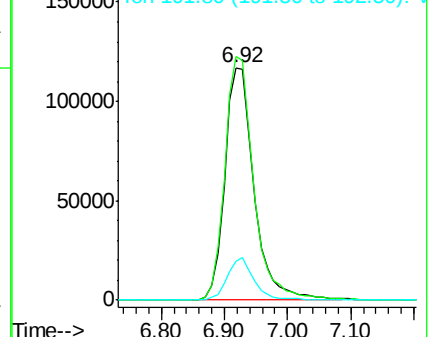
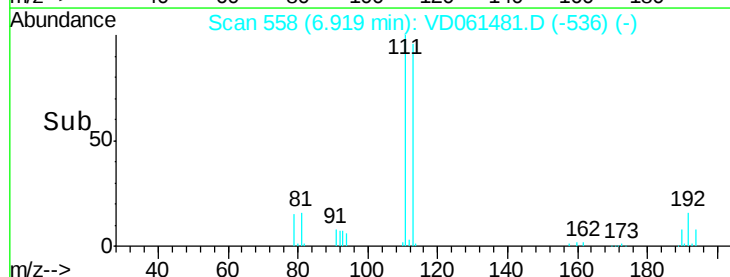
192 16.9 14.4 21.6

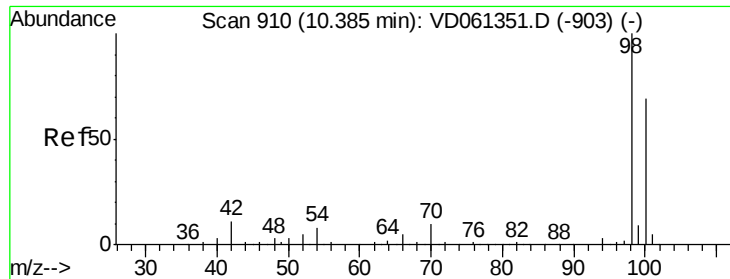


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

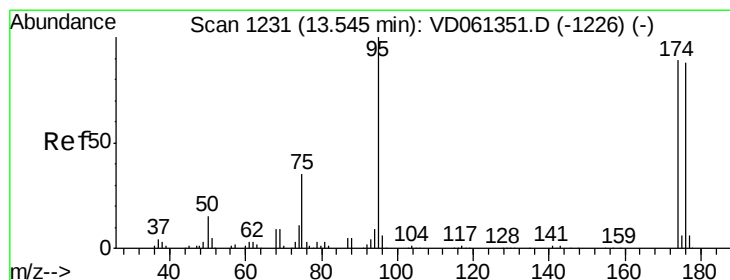
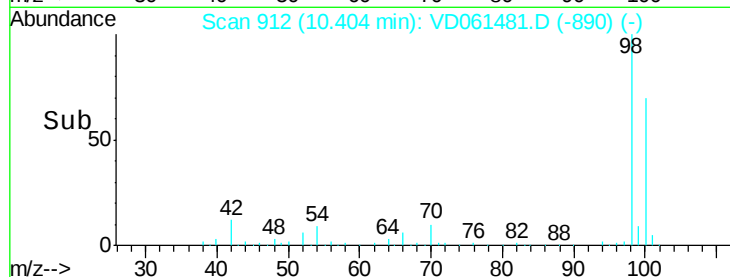
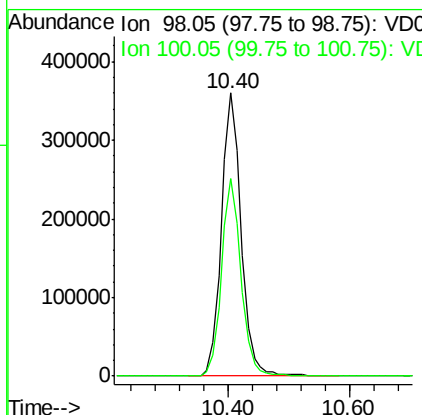
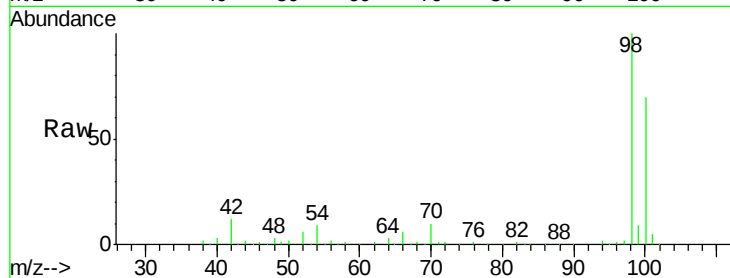




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.02 min
Lab File: VD061481.D
Acq: 1 Apr 2019 21:04

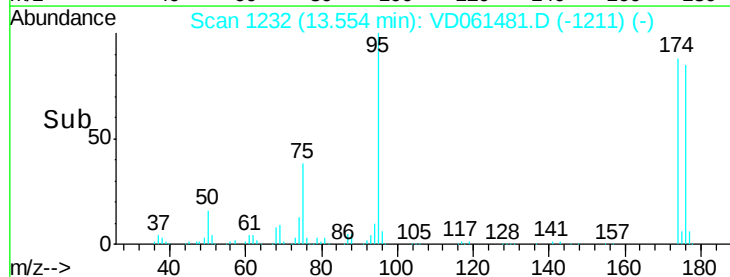
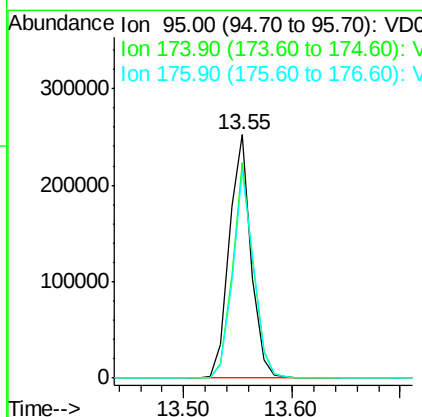
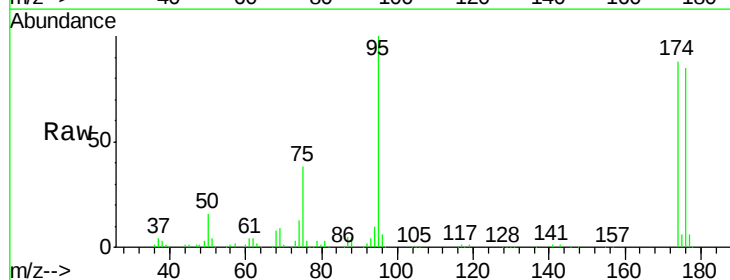
Instrument :
MSVOA_D
ClientSampleId :
S8B(10)

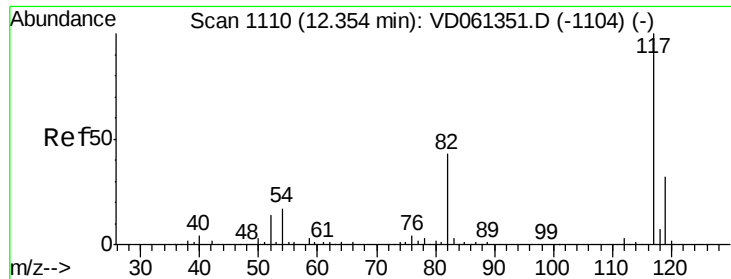
Tot Ion: 98 Resp: 814824
Ion Ratio Lower Upper
98 100
100 69.9 56.2 84.2



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061481.D
Acq: 1 Apr 2019 21:04

Tgt Ion: 95 Resp: 351564
Ion Ratio Lower Upper
95 100
174 88.5 0.0 178.0
176 85.1 0.0 175.0

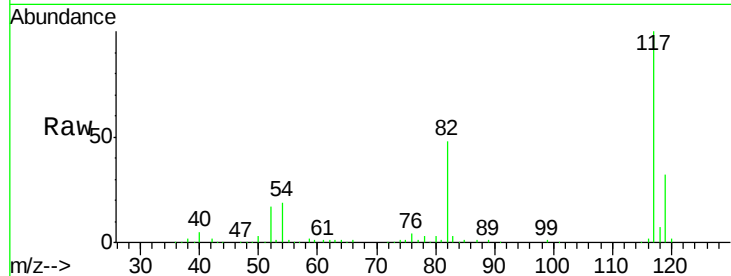




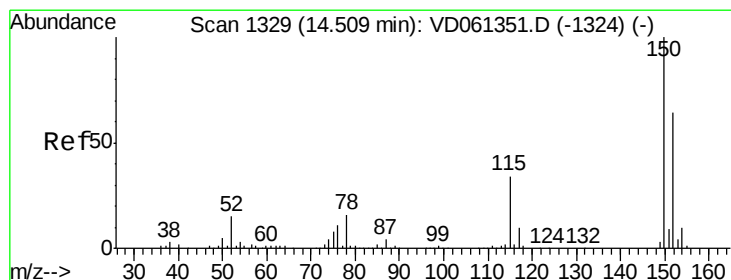
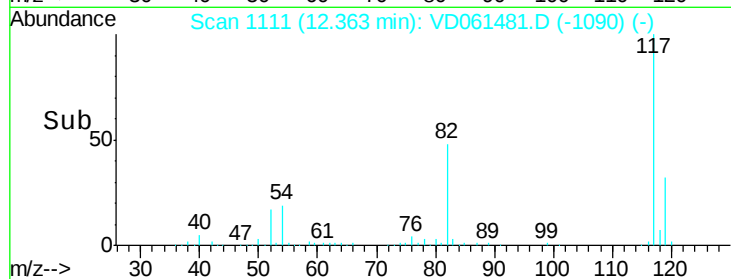
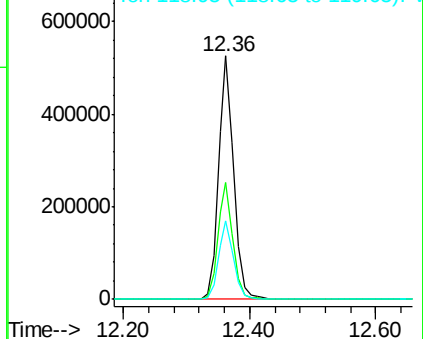
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061481.D
Acq: 1 Apr 2019 21:04

Instrument :
MSVOA_D
ClientSampleId :
S8B(10)

Tot Ion:117 Resp: 885764
Ion Ratio Lower Upper
117 100
82 47.9 34.4 51.6
119 32.5 25.8 38.6

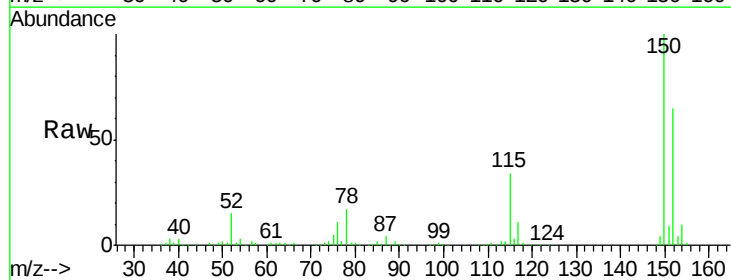


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD061481.D
Acq: 1 Apr 2019 21:04

Tgt Ion:152 Resp: 414854
Ion Ratio Lower Upper
152 100
115 52.3 26.9 80.6
150 154.3 0.0 318.0



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

