

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040119\
 Data File : VD061484.D
 Acq On : 1 Apr 2019 22:27
 Operator : VA/AP
 Sample : K2186-03
 Misc : 3.68g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-TRACK-89-90-SOIL

Quant Time: Apr 02 02:38:38 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

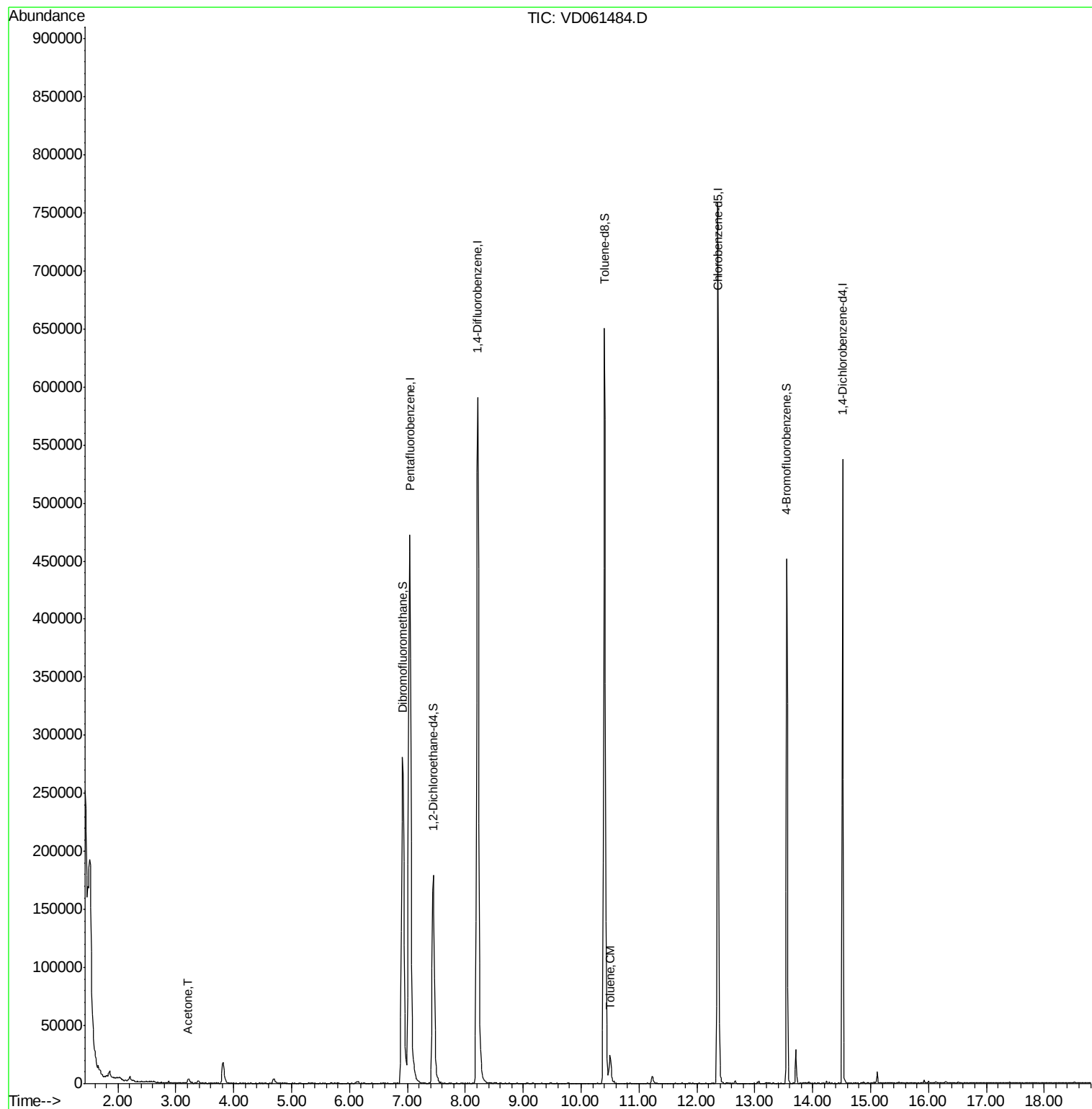
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	498900	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.21	114	715899	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.36	117	465688	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	117821	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	183875	43.14	ug/l	0.02
Spiked Amount 50.000			Recovery	=	86.28%	
35) Dibromofluoromethane	6.92	113	282878	51.71	ug/l	0.02
Spiked Amount 50.000			Recovery	=	103.42%	
50) Toluene-d8	10.40	98	572021	43.59	ug/l	0.02
Spiked Amount 50.000			Recovery	=	87.18%	
62) 4-Bromofluorobenzene	13.55	95	139582	27.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	55.48%	
Target Compounds						
16) Acetone	3.21	43	7788	7.109	ug/l	91
52) Toluene	10.50	92	13873	1.450	ug/l	84

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

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Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.03 min

Lab File: VD061484.D

Acq: 1 Apr 2019 22:27

Instrument :

MSVOA_D

ClientSampleId :

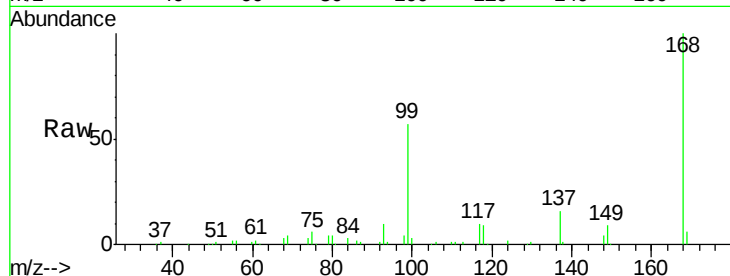
TP-TRACK-89-90-SOIL

Tot Ion:168 Resp: 498900

Ion Ratio Lower Upper

168 100

99 56.7 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

150000

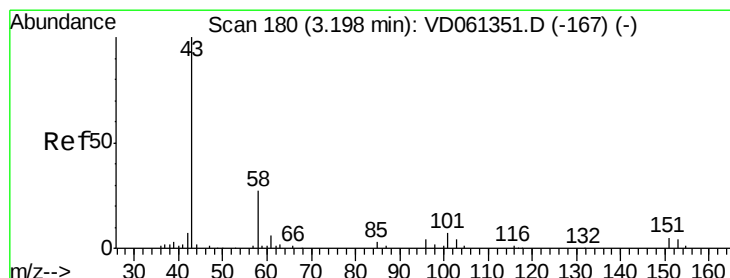
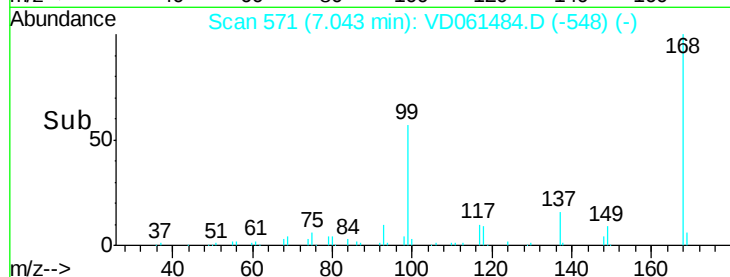
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 7.109 ug/l

RT: 3.21 min Scan# 182

Delta R.T. 0.02 min

Lab File: VD061484.D

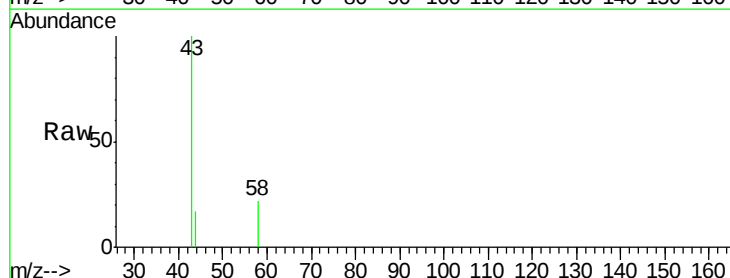
Acq: 1 Apr 2019 22:27

Tgt Ion: 43 Resp: 7788

Ion Ratio Lower Upper

43 100

58 22.4 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

3000

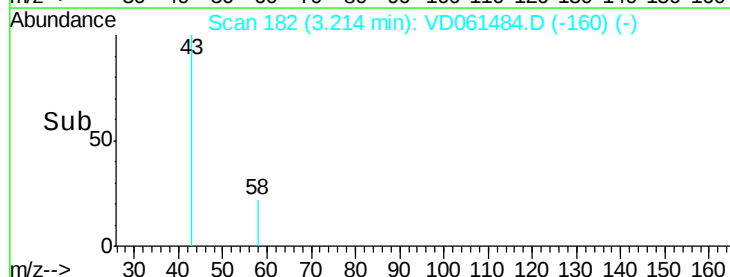
2000

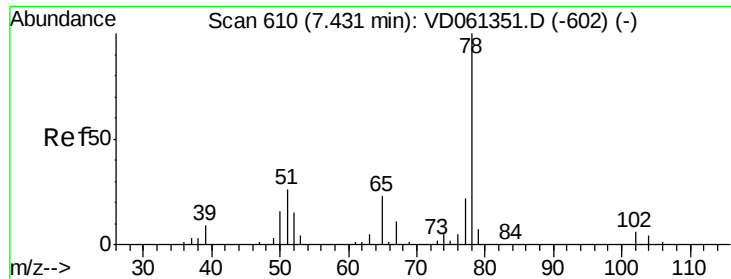
1000

0

Time-->

3.15 3.20 3.25 3.30





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.02 min

Lab File: VD061484.D

Acq: 1 Apr 2019 22:27

Instrument :

MSVOA_D

ClientSampleId :

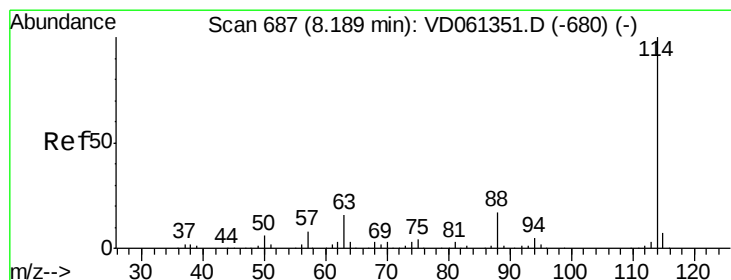
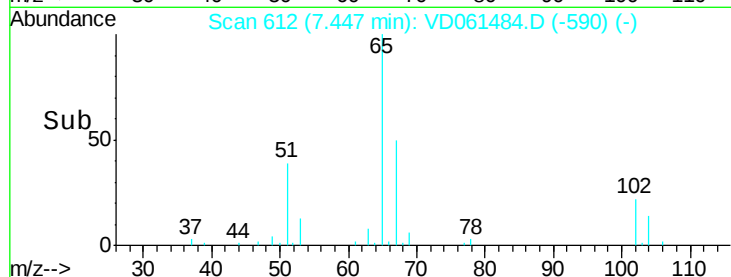
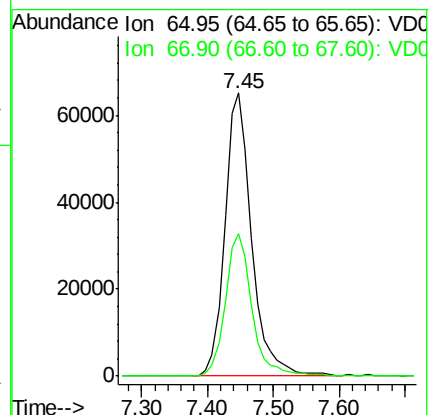
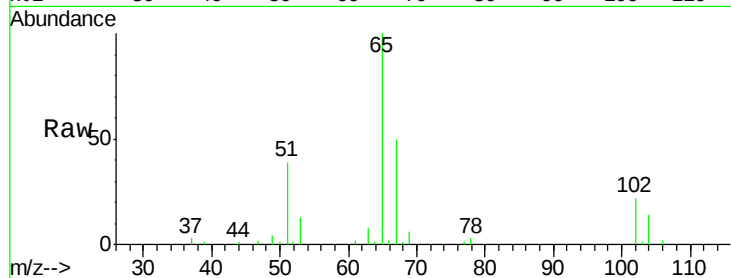
TP-TRACK-89-90-SOIL

Tot Ion: 65 Resp: 183875

Ion Ratio Lower Upper

65 100

67 50.5 0.0 99.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 690

Delta R.T. 0.03 min

Lab File: VD061484.D

Acq: 1 Apr 2019 22:27

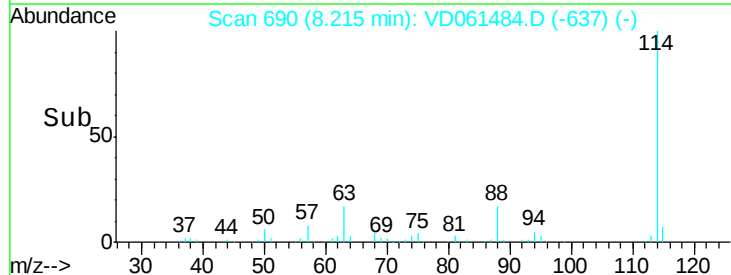
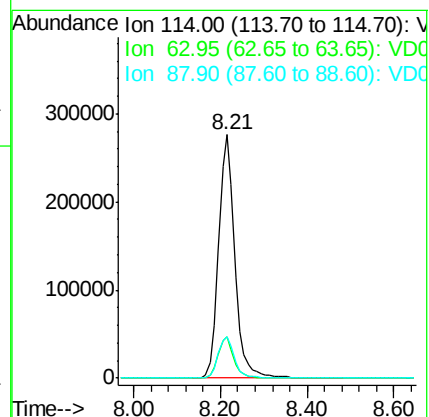
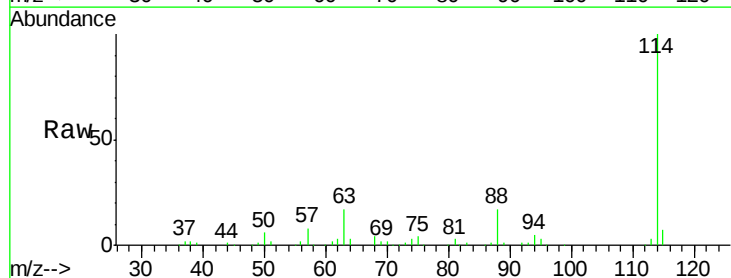
Tgt Ion: 114 Resp: 715899

Ion Ratio Lower Upper

114 100

63 17.1 0.0 31.6

88 16.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.02 min

Lab File: VD061484.D

Acq: 1 Apr 2019 22:27

Instrument :

MSVOA_D

ClientSampleId :

TP-TRACK-89-90-SOIL

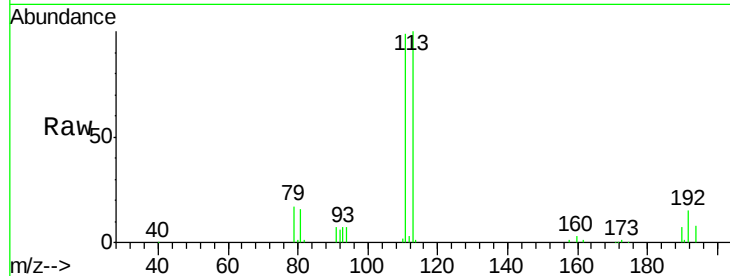
Tot Ion:113 Resp: 282878

Ion Ratio Lower Upper

113 100

111 98.7 81.0 121.6

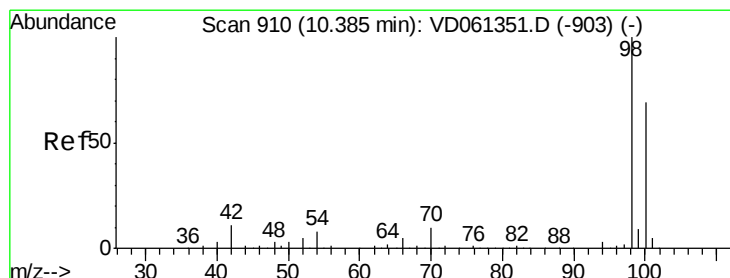
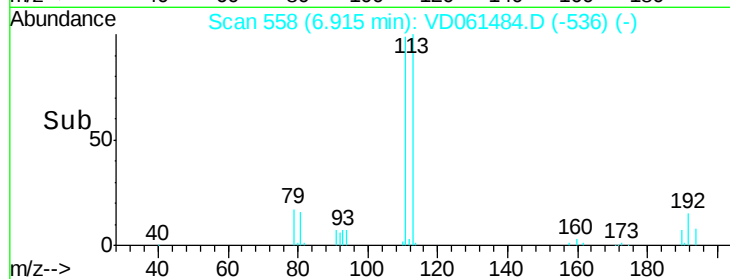
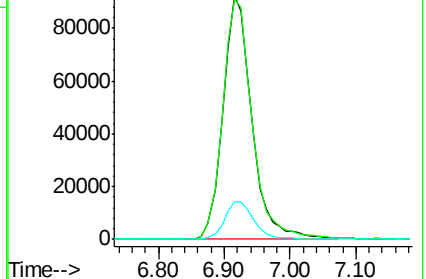
192 15.4 14.4 21.6



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: VD061484.D

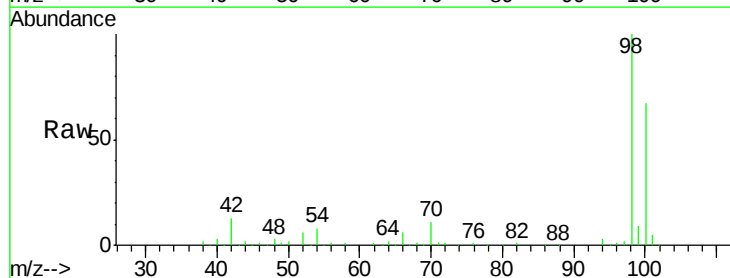
Acq: 1 Apr 2019 22:27

Tgt Ion: 98 Resp: 572021

Ion Ratio Lower Upper

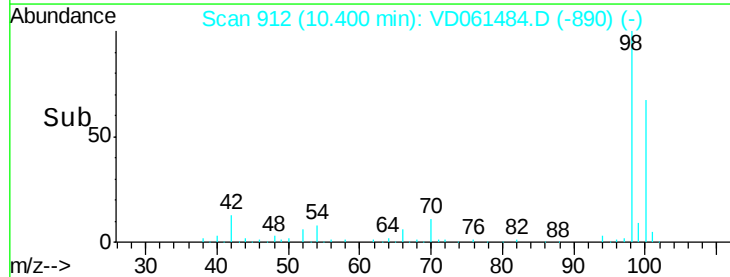
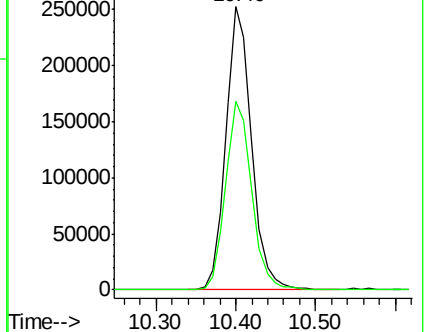
98 100

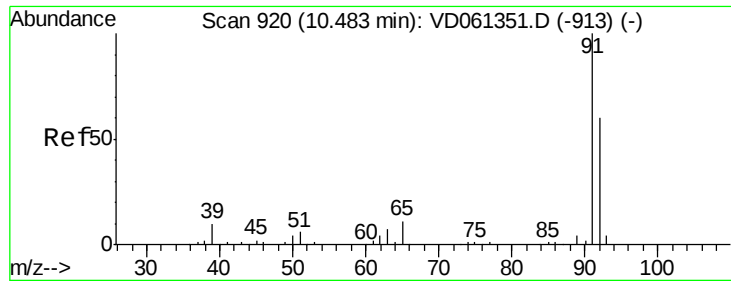
100 66.8 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 1.450 ug/l

RT: 10.50 min Scan# 922

Delta R.T. 0.02 min

Lab File: VD061484.D

Acq: 1 Apr 2019 22:27

Instrument :

MSVOA_D

ClientSampleId :

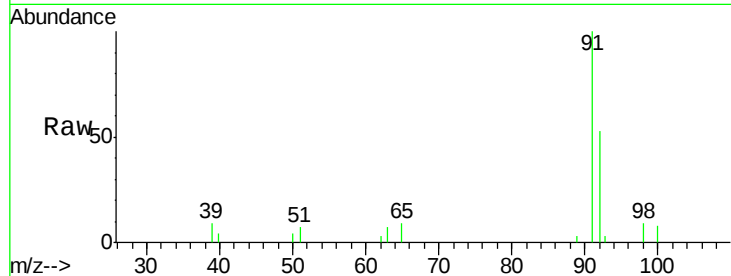
TP-TRACK-89-90-SOIL

Tot Ion: 92 Resp: 13873

Ion Ratio Lower Upper

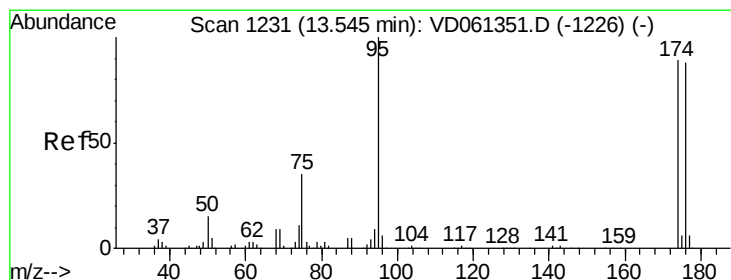
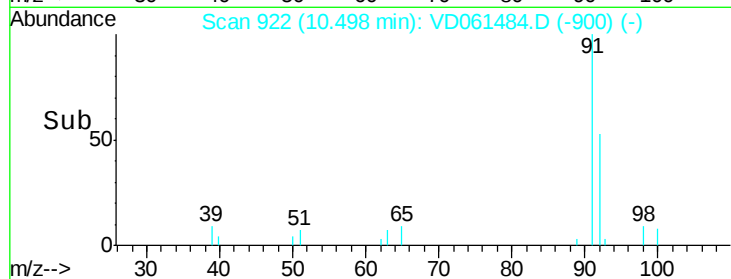
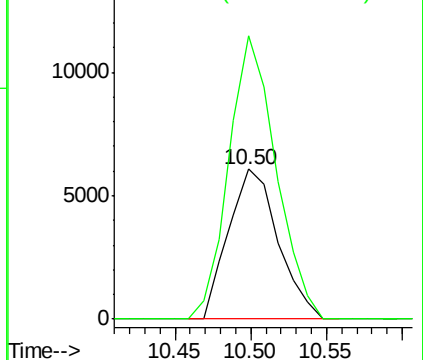
92 100

91 188.6 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD061484.D

Acq: 1 Apr 2019 22:27

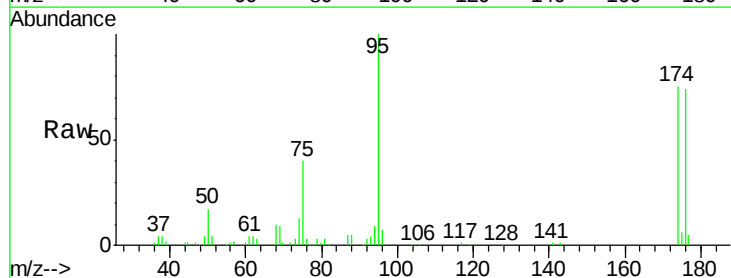
Tgt Ion: 95 Resp: 139582

Ion Ratio Lower Upper

95 100

174 75.5 0.0 178.0

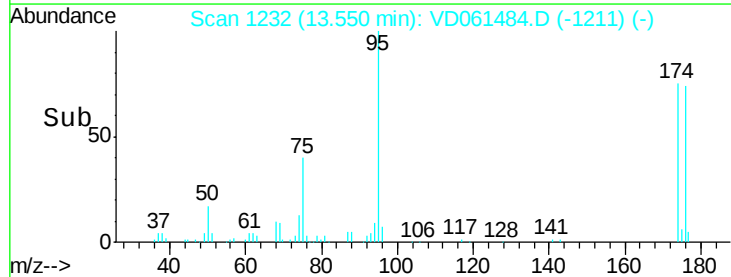
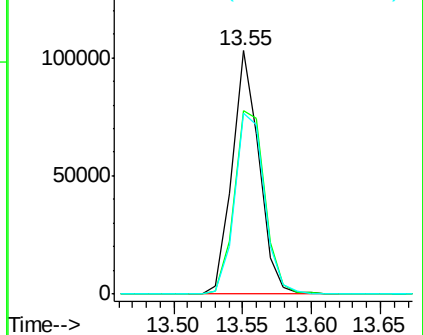
176 74.4 0.0 175.0

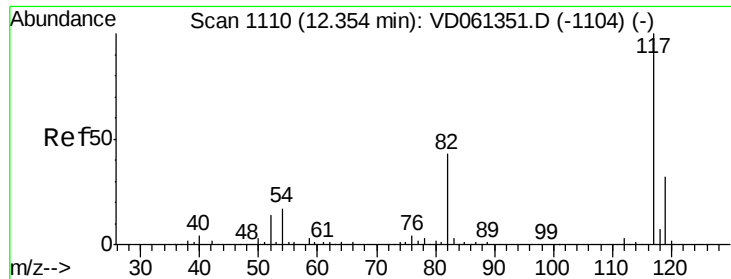


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

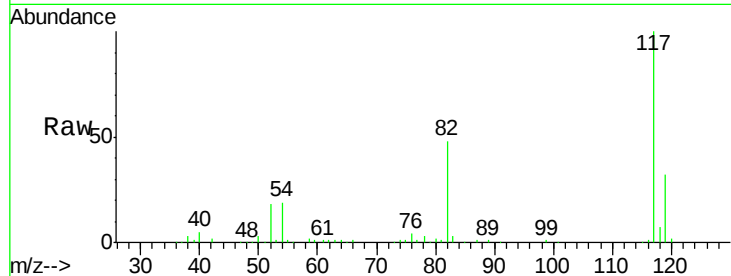




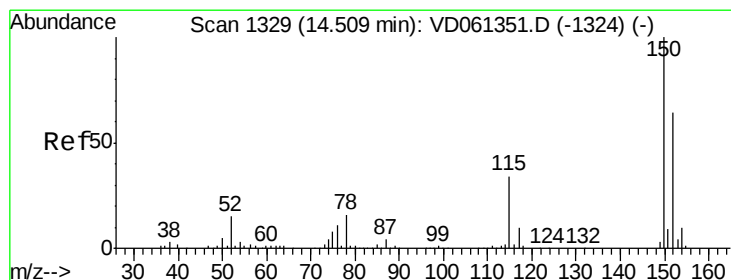
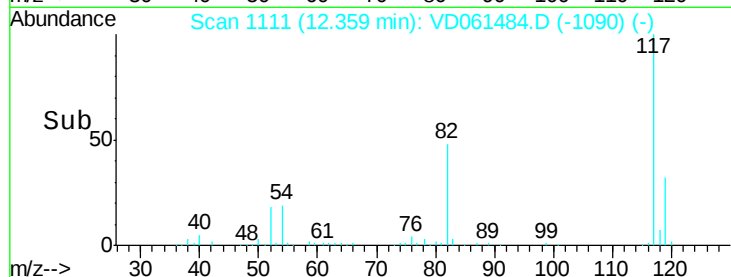
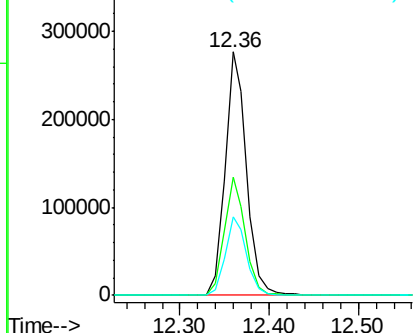
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061484.D
Acq: 1 Apr 2019 22:27

Instrument :
MSVOA_D
ClientSampleId :
TP-TRACK-89-90-SOIL

Tot Ion:117 Resp: 465688
Ion Ratio Lower Upper
117 100
82 48.3 34.4 51.6
119 32.4 25.8 38.6

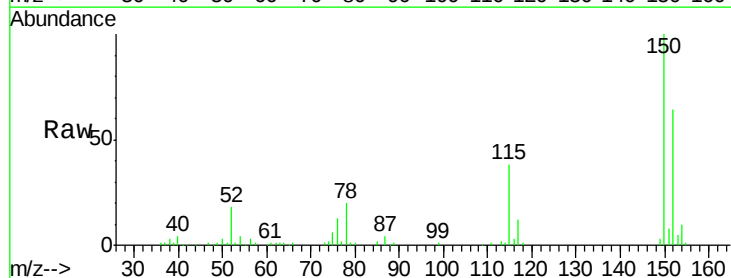


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD061484.D
Acq: 1 Apr 2019 22:27

Tgt Ion:152 Resp: 117821
Ion Ratio Lower Upper
152 100
115 59.2 26.9 80.6
150 157.4 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

