

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122118\
 Data File : VD060694.D
 Acq On : 21 Dec 2018 20:03
 Operator : VA/AP
 Sample : J6493-01
 Misc : 5.16g/5ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-DRUM

Quant Time: Dec 21 23:14:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 17:37:47 2018
 Response via : Initial Calibration

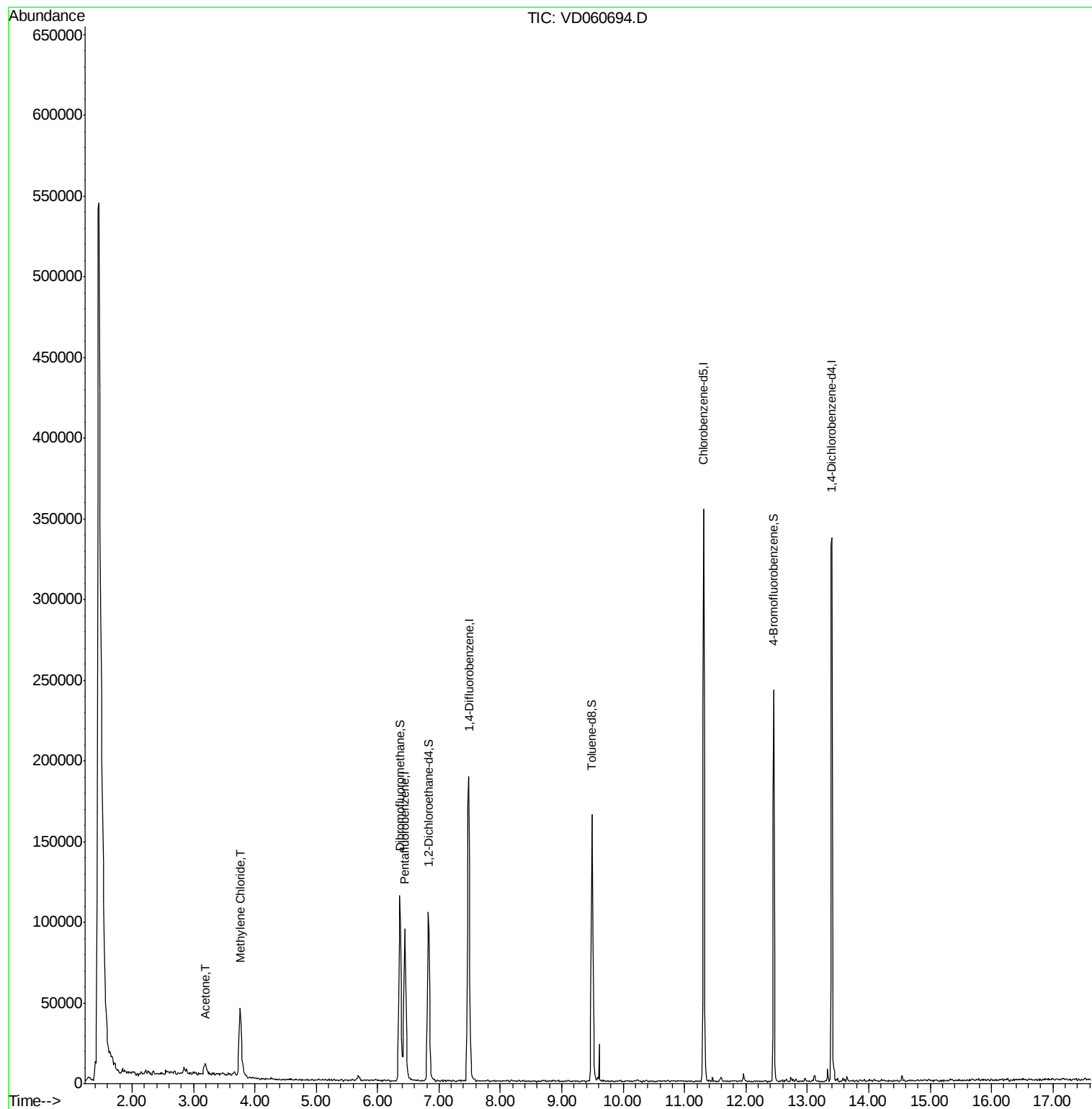
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.44	168	90449	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.48	114	194222	50.00	ug/l	0.04
63) Chlorobenzene-d5	11.31	117	177402	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	13.40	152	87852	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.83	65	91293	146.05	ug/l	0.03
Spiked Amount 50.000			Recovery	=	292.10%	
35) Dibromofluoromethane	6.36	113	85463	60.12	ug/l	0.03
Spiked Amount 50.000			Recovery	=	120.24%	
50) Toluene-d8	9.49	98	126531	29.83	ug/l	0.03
Spiked Amount 50.000			Recovery	=	59.66%	
62) 4-Bromofluorobenzene	12.45	95	61360	41.31	ug/l	0.03
Spiked Amount 50.000			Recovery	=	82.62%	
Target Compounds						
16) Acetone	3.18	43	13546	124.094	ug/l	Qvalue 91
20) Methylene Chloride	3.76	84	29310	25.855	ug/l #	93

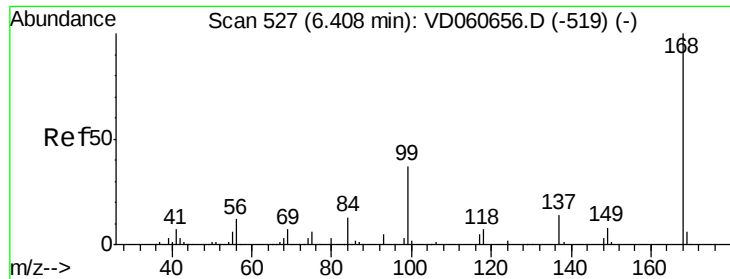
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 21 17:37:47 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.44 min Scan# 530

Delta R.T. 0.03 min

Lab File: VD060694.D

Acq: 21 Dec 2018 20:03

Instrument :

MSVOA_D

ClientSampleId :

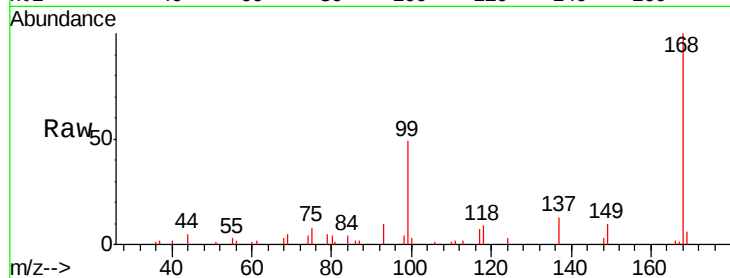
SOIL-DRUM

Tgt Ion:168 Resp: 90449

Ion Ratio Lower Upper

168 100

99 49.0 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.44

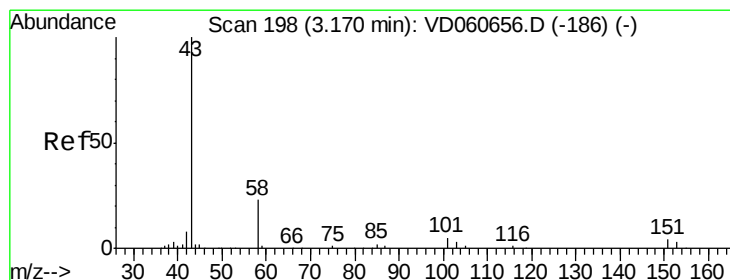
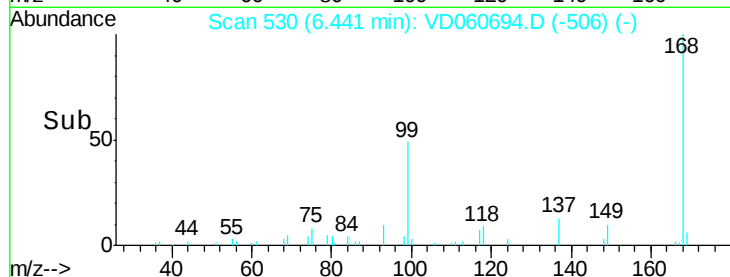
30000

20000

10000

0

Time--> 6.30 6.40 6.50 6.60



#16

Acetone

Concen: 124.094 ug/l

RT: 3.18 min Scan# 199

Delta R.T. 0.01 min

Lab File: VD060694.D

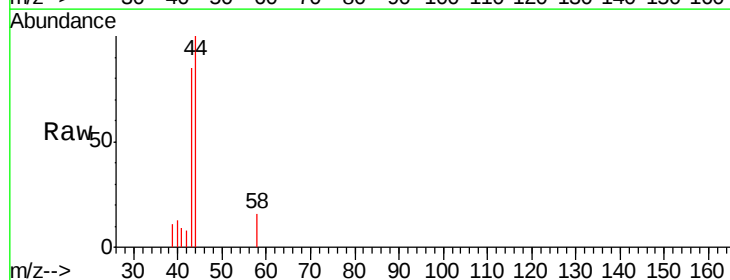
Acq: 21 Dec 2018 20:03

Tgt Ion: 43 Resp: 13546

Ion Ratio Lower Upper

43 100

58 18.6 18.2 27.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.18

4000

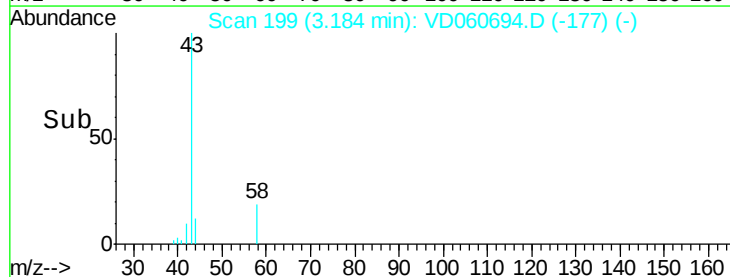
3000

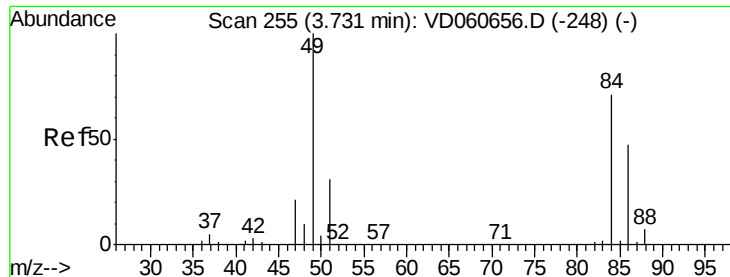
2000

1000

0

Time--> 3.10 3.20 3.30

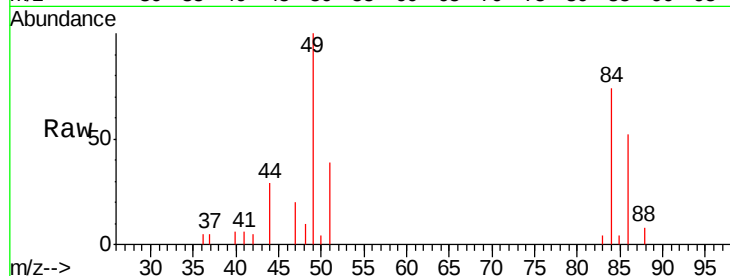




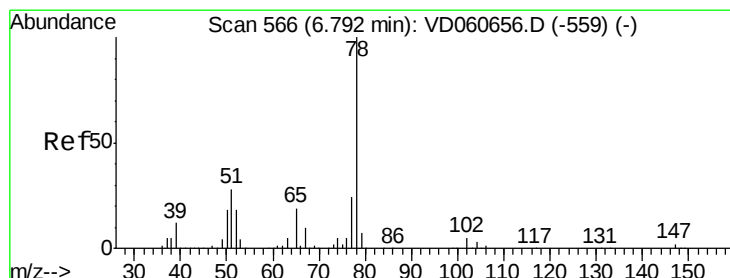
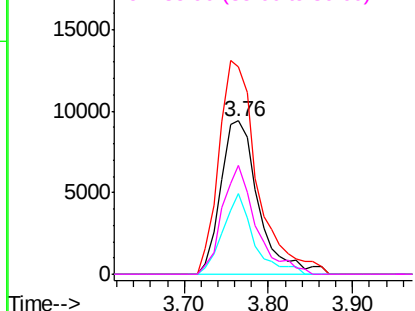
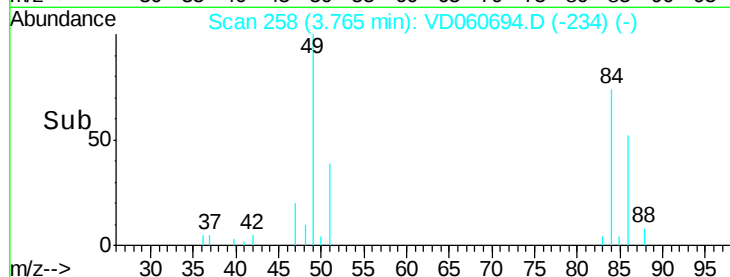
#20
Methylene Chloride
Concen: 25.855 ug/l
RT: 3.76 min Scan# 258
Delta R.T. 0.03 min
Lab File: VD060694.D
Acq: 21 Dec 2018 20:03

Instrument :
MSVOA_D
ClientSampleId :
SOIL-DRUM

Tgt Ion: 84 Resp: 29310
Ion Ratio Lower Upper
84 100
49 135.3 113.6 170.4
51 52.2 34.7 52.1#
86 70.9 52.8 79.2

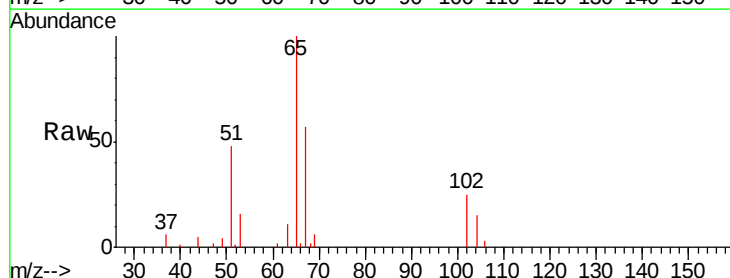


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

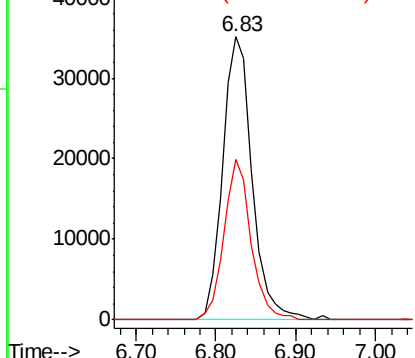
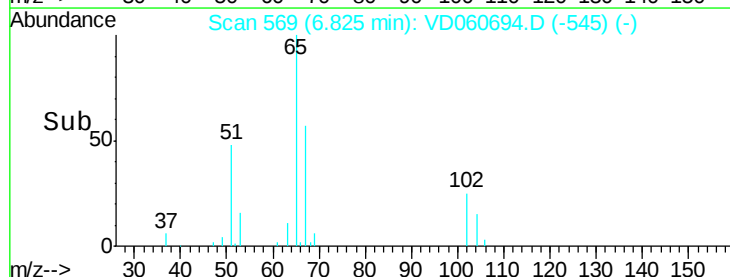


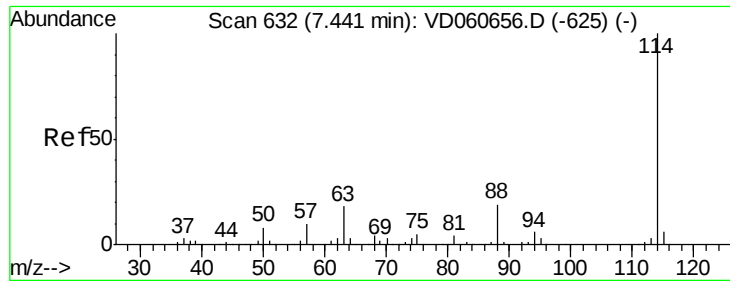
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.83 min Scan# 569
Delta R.T. 0.03 min
Lab File: VD060694.D
Acq: 21 Dec 2018 20:03

Tgt Ion: 65 Resp: 91293
Ion Ratio Lower Upper
65 100
67 56.7 0.0 105.4



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: 7.48 min Scan# 636

Delta R.T. 0.04 min

Lab File: VD060694.D

Acq: 21 Dec 2018 20:03

Instrument :

MSVOA_D

ClientSampled :

SOIL-DRUM

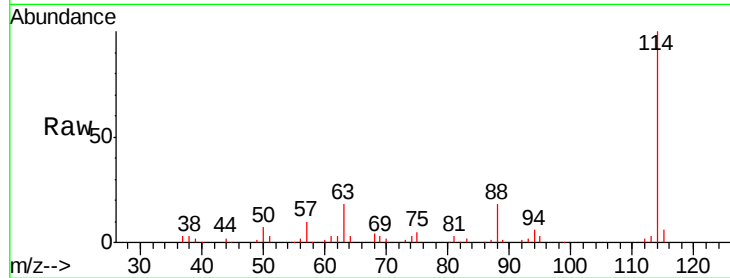
Tgt Ion:114 Resp: 194222

Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.2

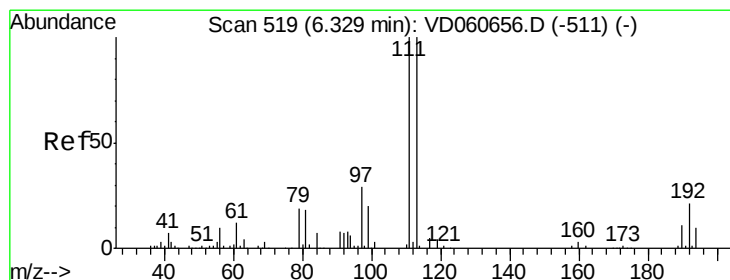
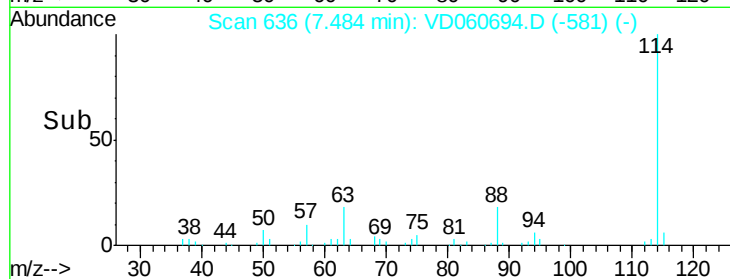
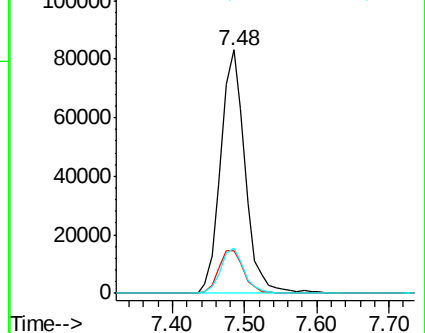
88 18.3 0.0 37.0



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: 6.36 min Scan# 522

Delta R.T. 0.03 min

Lab File: VD060694.D

Acq: 21 Dec 2018 20:03

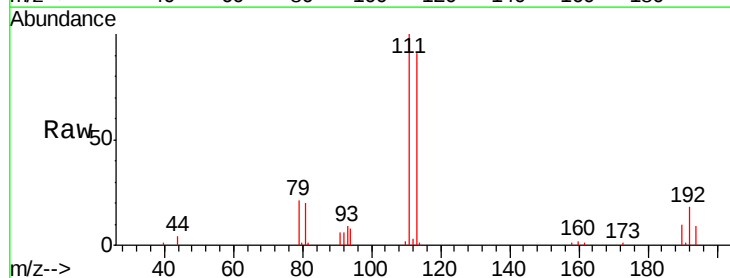
Tgt Ion:113 Resp: 85463

Ion Ratio Lower Upper

113 100

111 110.4 80.0 120.0

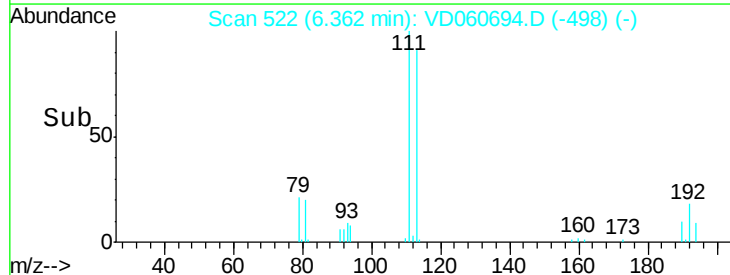
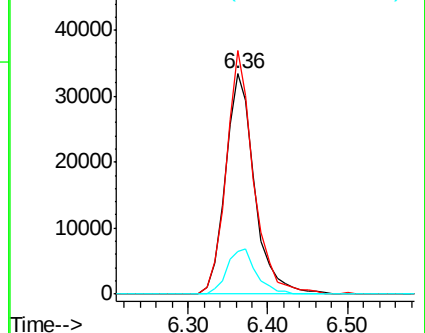
192 19.4 16.6 25.0

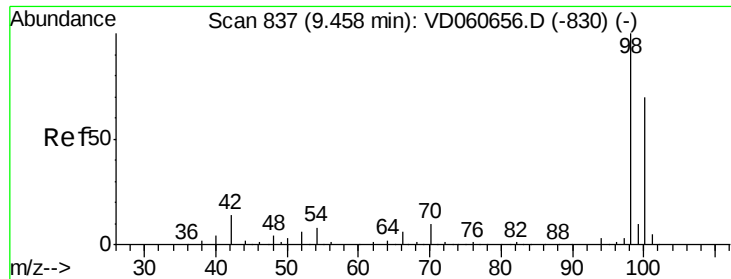


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.49 min Scan# 840

Delta R.T. 0.03 min

Lab File: VD060694.D

Acq: 21 Dec 2018 20:03

Instrument :

MSVOA_D

ClientSampleId :

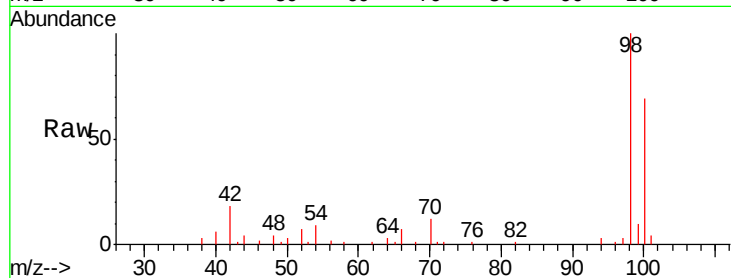
SOIL-DRUM

Tgt Ion: 98 Resp: 126531

Ion Ratio Lower Upper

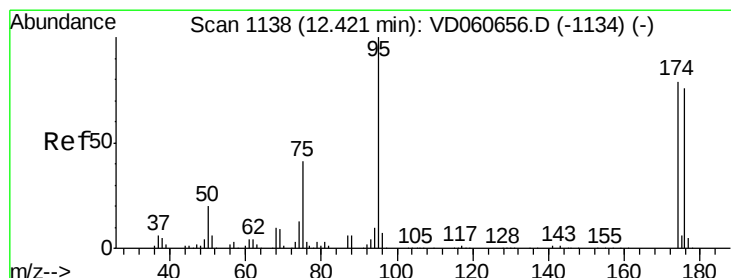
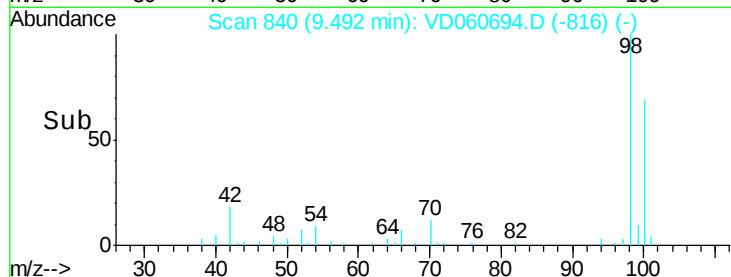
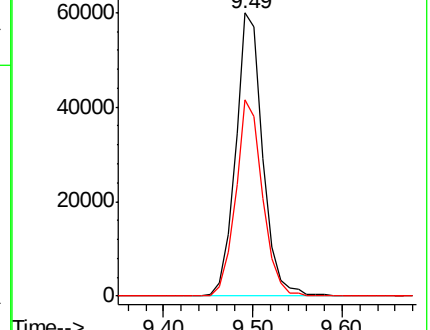
98 100

100 69.5 55.8 83.8



Abundance Ion 98.05 (97.75 to 98.75): VD060656.D (-830) (-)

Ion 100.05 (99.75 to 100.75): VD060656.D (-830) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.45 min Scan# 1141

Delta R.T. 0.03 min

Lab File: VD060694.D

Acq: 21 Dec 2018 20:03

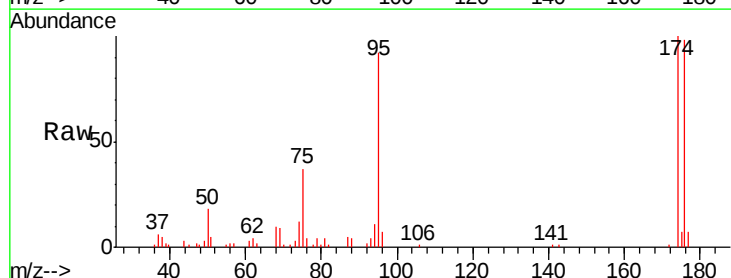
Tgt Ion: 95 Resp: 61360

Ion Ratio Lower Upper

95 100

174 108.4 0.0 158.2

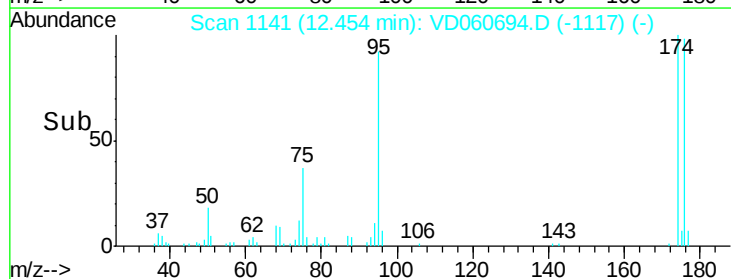
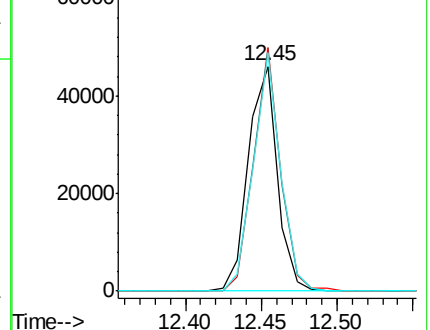
176 106.4 0.0 152.4

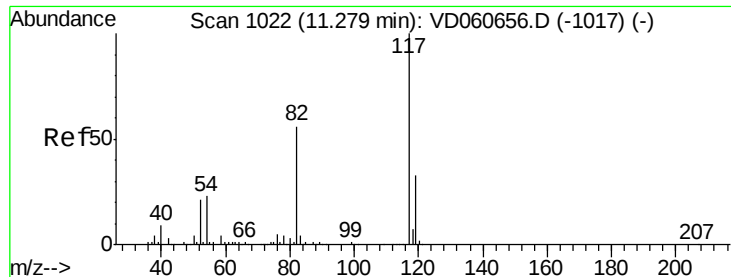


Abundance Ion 95.00 (94.70 to 95.70): VD060656.D (-1134) (-)

Ion 173.90 (173.60 to 174.60): VD060656.D (-1134) (-)

Ion 175.90 (175.60 to 176.60): VD060656.D (-1134) (-)

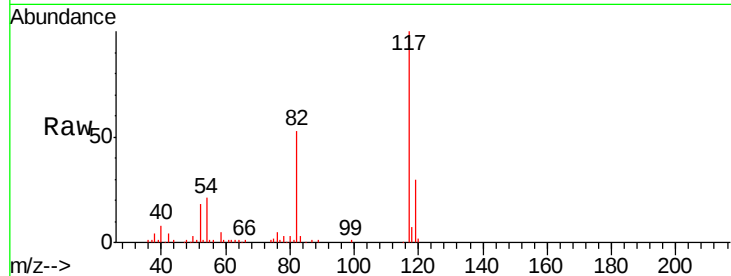




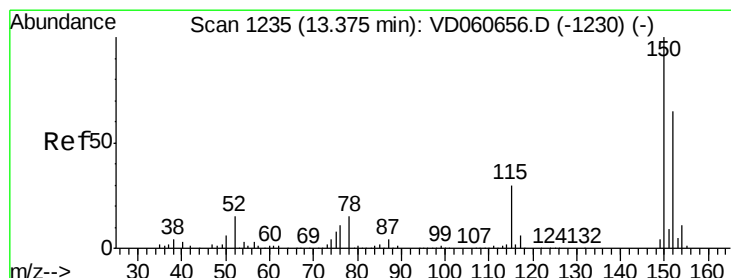
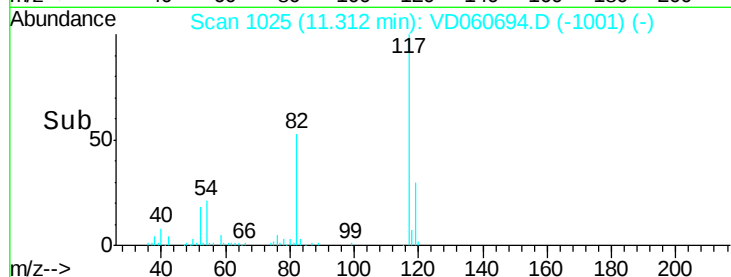
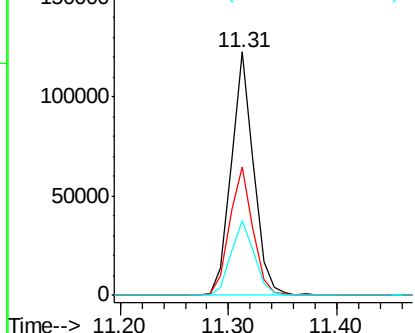
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.31 min Scan# 1025
Delta R.T. 0.03 min
Lab File: VD060694.D
Acq: 21 Dec 2018 20:03

Instrument :
MSVOA_D
ClientSampleId :
SOIL-DRUM

Tgt Ion:117 Resp: 177402
Ion Ratio Lower Upper
117 100
82 52.9 44.5 66.7
119 30.4 26.3 39.5

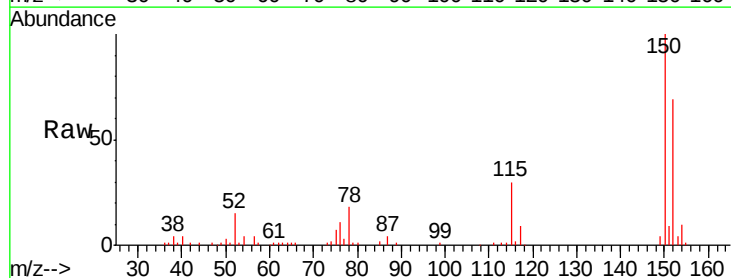


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.40 min Scan# 1237
Delta R.T. 0.02 min
Lab File: VD060694.D
Acq: 21 Dec 2018 20:03

Tgt Ion:152 Resp: 87852
Ion Ratio Lower Upper
152 100
115 43.6 24.1 72.3
150 144.8 0.0 315.0



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

