

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062519\
 Data File : VD062896.D
 Acq On : 26 Jun 2019 1:41
 Operator : VA/AP
 Sample : K3518-03
 Misc : 5.03g/5ml/MSVOA D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CP-S3-SOIL

Quant Time: Jun 26 07:24:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

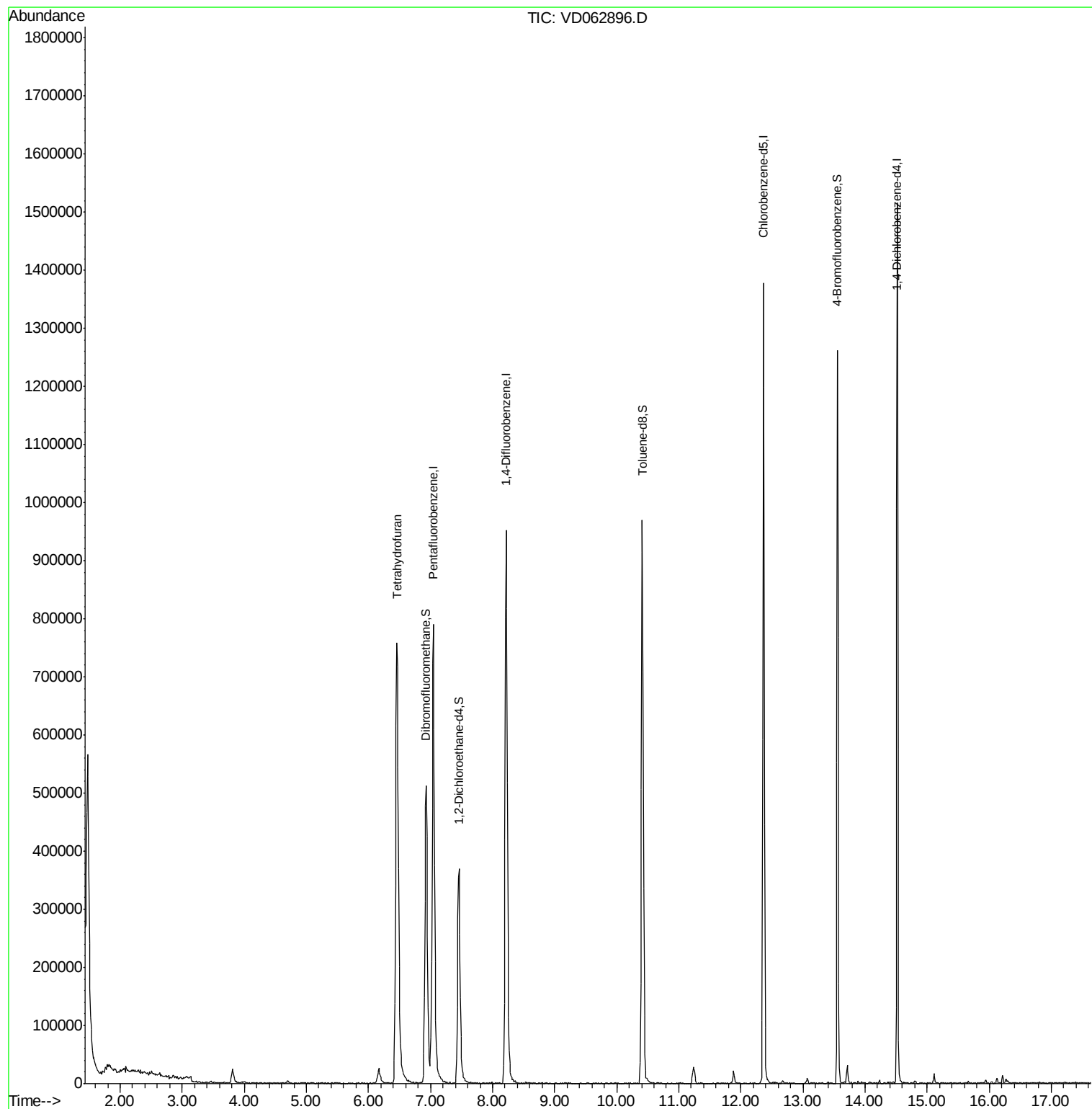
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	755811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1049743	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	752932	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	328318	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	434585	52.90	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	105.80%	
35) Dibromofluoromethane	6.93	113	458246	51.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.54%	
50) Toluene-d8	10.41	98	815994	42.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.72%	
62) 4-Bromofluorobenzene	13.55	95	337294	38.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.00%	
Target Compounds						
29) Tetrahydrofuran	6.46	42	656052	902.404	ug/l	Qvalue 98

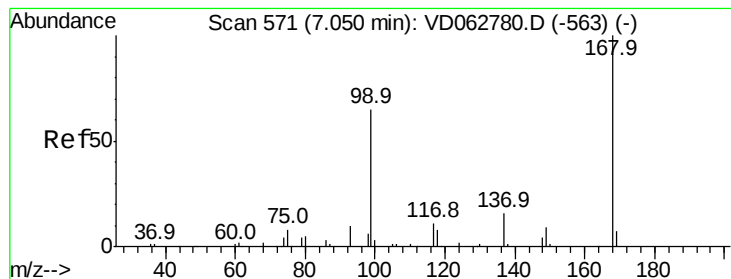
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD062896.D

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Instrument :

MSVOA_D

ClientSampleId :

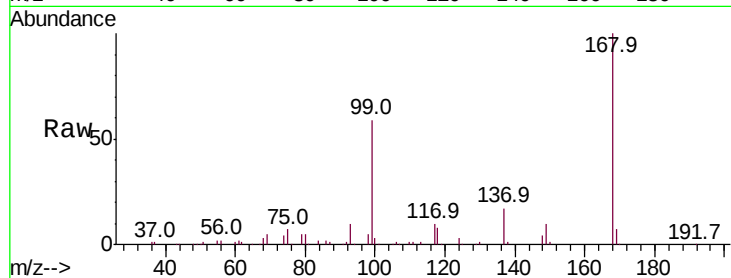
CP-S3-SOIL

Tot Ion:168 Resp: 755811

Ion Ratio Lower Upper

168 100

99 58.8 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

7.05

250000

200000

150000

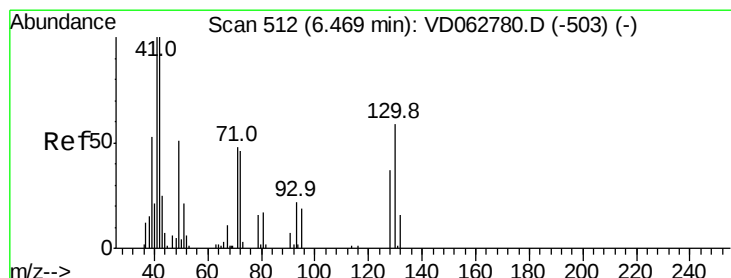
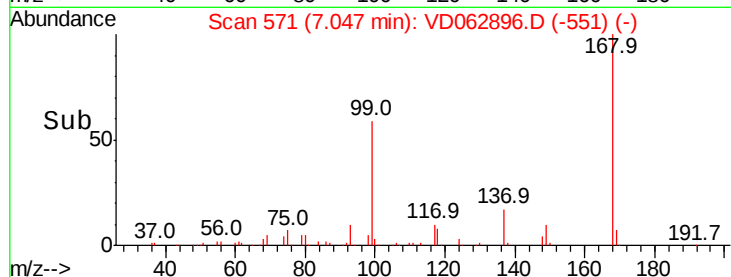
100000

50000

0

6.90 7.00 7.10 7.20 7.30

Time-->



#29

Tetrahydrofuran

Concen: 902.404 ug/l

RT: 6.46 min Scan# 511

Delta R.T. -0.01 min

Lab File: VD062896.D

Acq: 26 Jun 2019 1:41

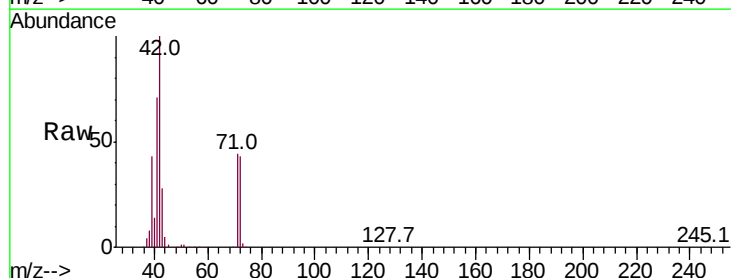
Tgt Ion: 42 Resp: 656052

Ion Ratio Lower Upper

42 100

72 43.7 35.0 52.6

71 43.9 33.3 49.9



Abundance Ion 42.00 (41.70 to 42.70): V

Ion 72.00 (71.70 to 72.70): V

Ion 71.00 (70.70 to 71.70): V

6.46

250000

200000

150000

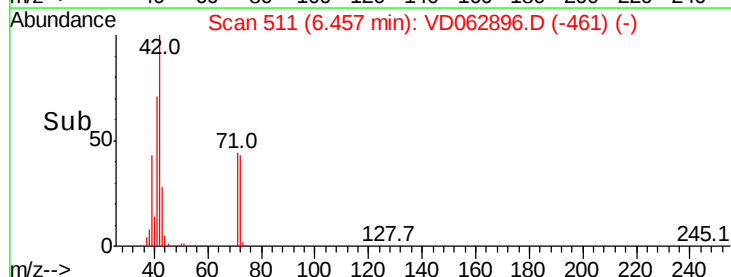
100000

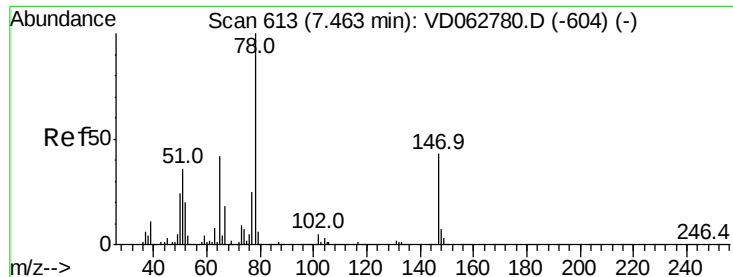
50000

0

6.40 6.60

Time-->





#33

1,2-Dichloroethane-d4

Concen: 52.898 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD062896.D

Acq: 26 Jun 2019 1:41

Instrument :

MSVOA_D

ClientSampleId :

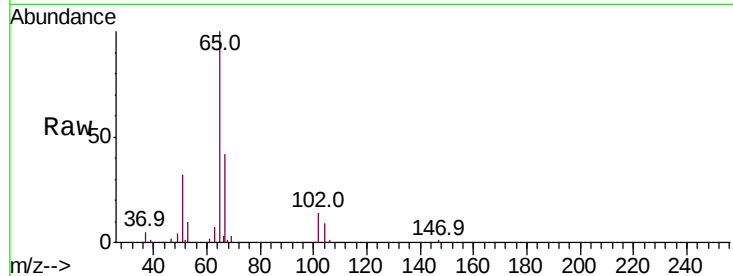
CP-S3-SOIL

Tot Ion: 65 Resp: 434585

Ion Ratio Lower Upper

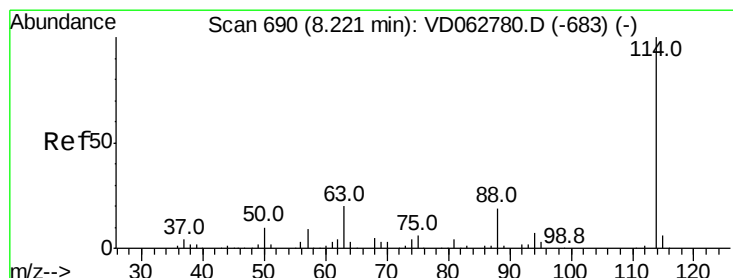
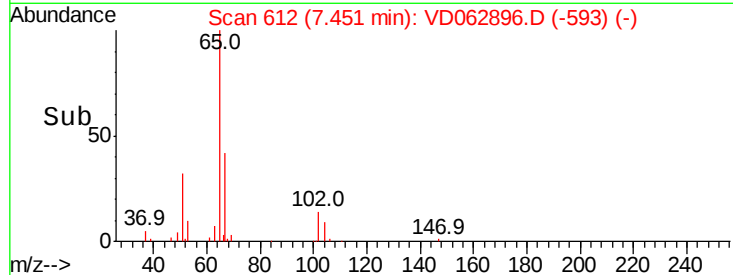
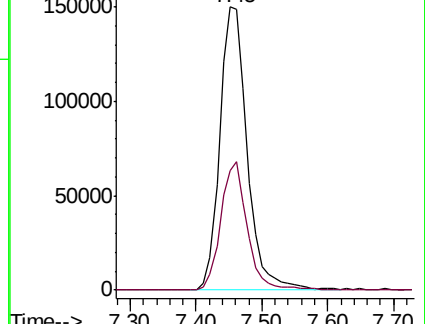
65 100

67 42.0 0.0 87.4



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: 8.22 min Scan# 690

Delta R.T. -0.00 min

Lab File: VD062896.D

Acq: 26 Jun 2019 1:41

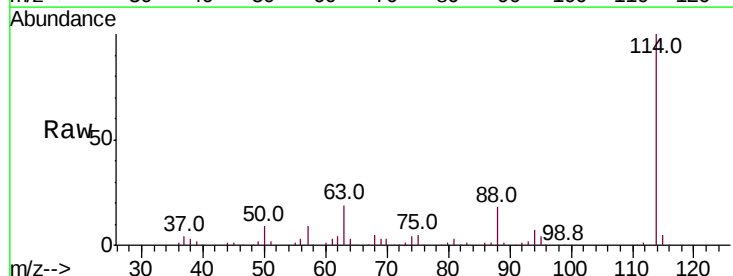
Tgt Ion: 114 Resp: 1049743

Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.0

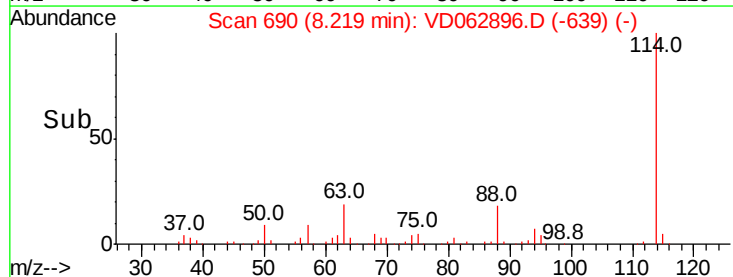
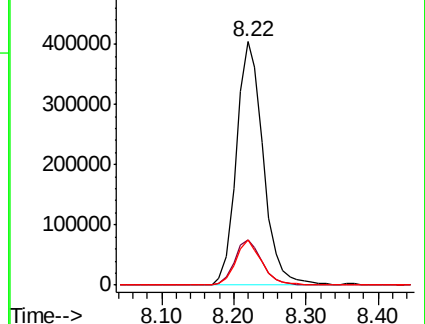
88 18.3 0.0 38.8

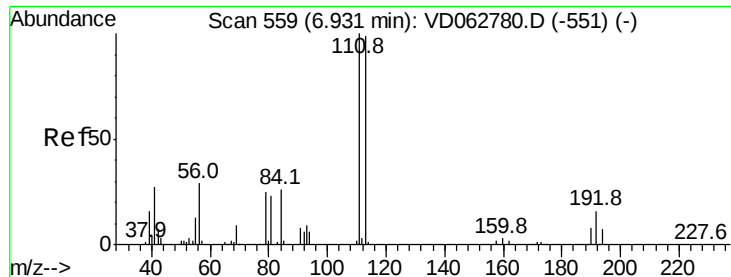


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 51.771 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.00 min

Lab File: VD062896.D

Acq: 26 Jun 2019 1:41

Instrument :

MSVOA_D

ClientSampleId :

CP-S3-SOIL

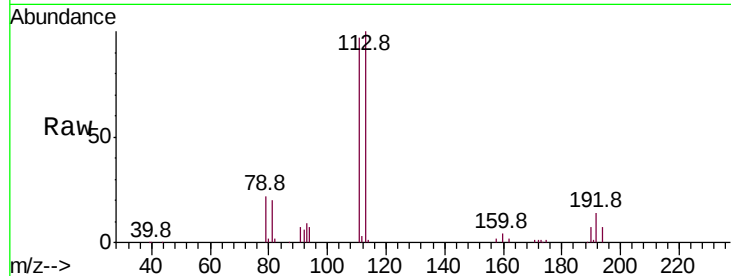
Tot Ion:113 Resp: 458246

Ion Ratio Lower Upper

113 100

111 97.1 81.2 121.8

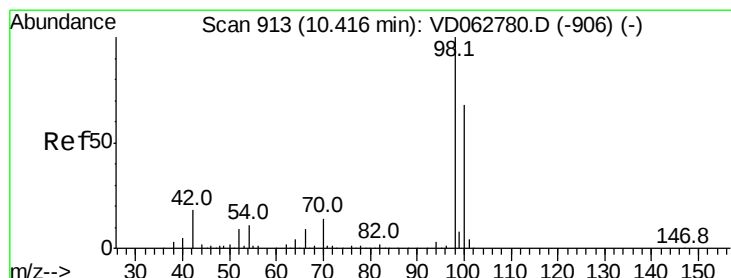
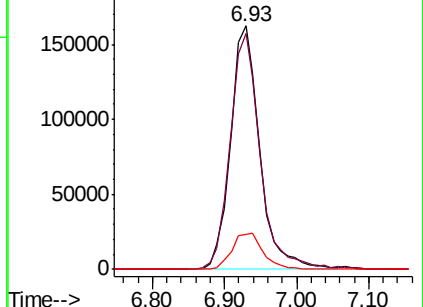
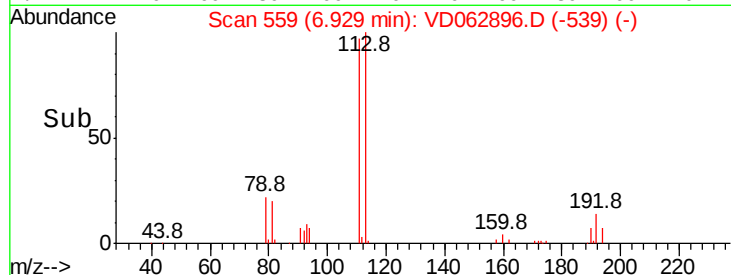
192 14.2 12.9 19.3



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: 42.357 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.00 min

Lab File: VD062896.D

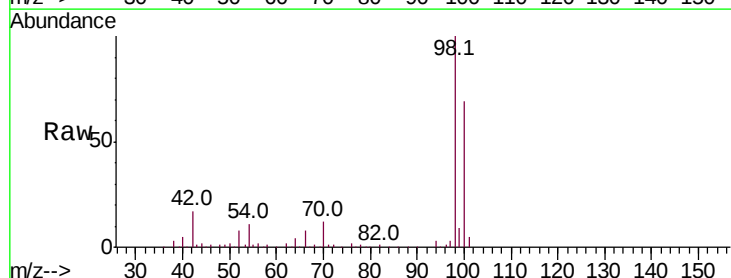
Acq: 26 Jun 2019 1:41

Tgt Ion: 98 Resp: 815994

Ion Ratio Lower Upper

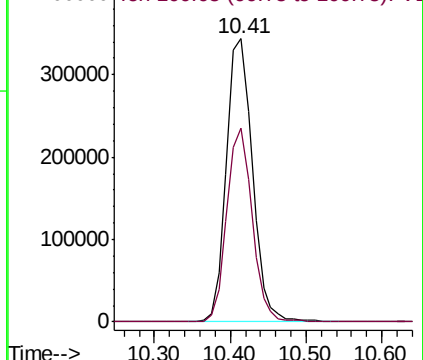
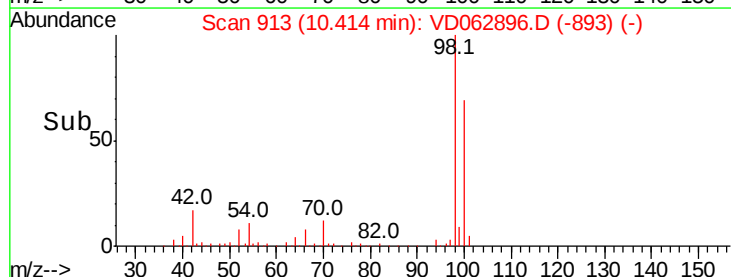
98 100

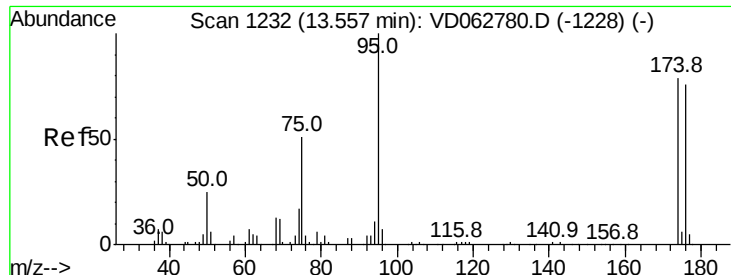
100 68.6 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 38.505 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD062896.D

Acq: 26 Jun 2019 1:41

Instrument :

MSVOA_D

ClientSampleId :

CP-S3-SOIL

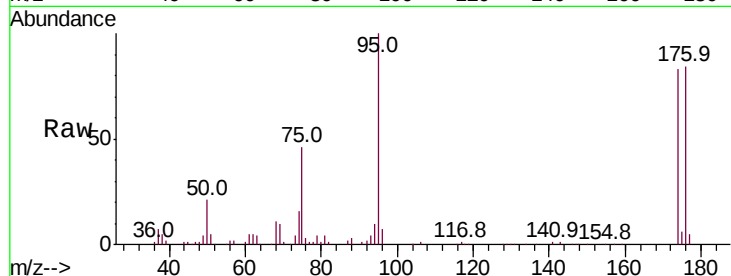
Tot Ion: 95 Resp: 337294

Ion Ratio Lower Upper

95 100

174 82.5 0.0 158.0

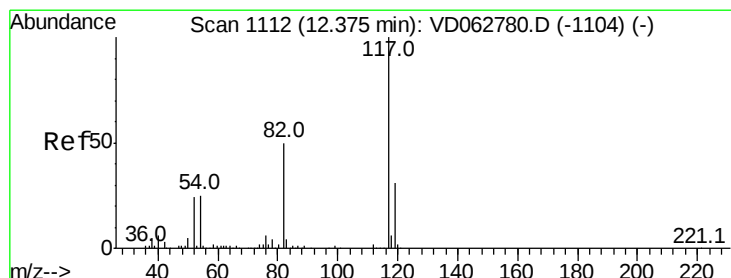
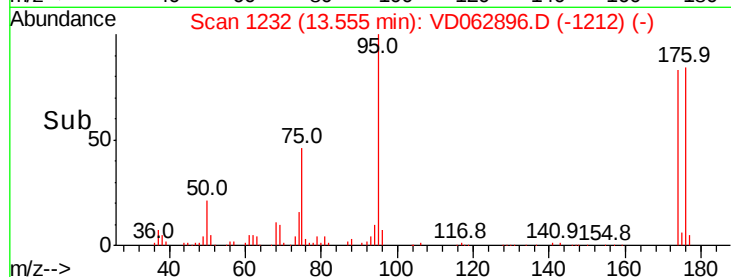
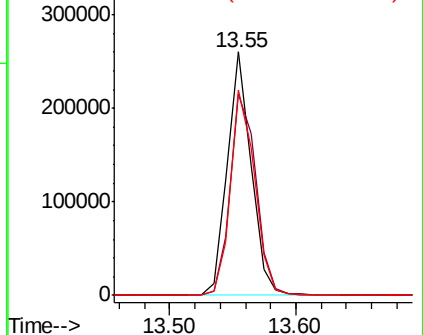
176 84.3 0.0 151.6



Abundance Ion 95.00 (94.70 to 95.70): V

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: VD062896.D

Acq: 26 Jun 2019 1:41

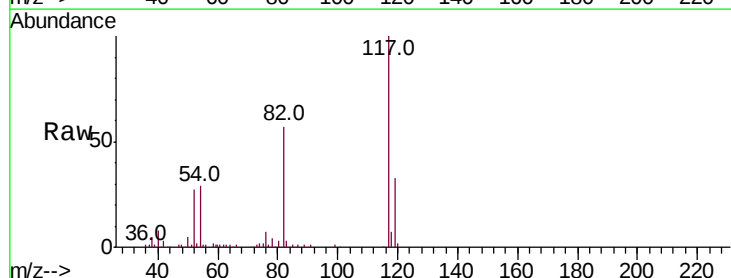
Tgt Ion: 117 Resp: 752932

Ion Ratio Lower Upper

117 100

82 57.2 40.4 60.6

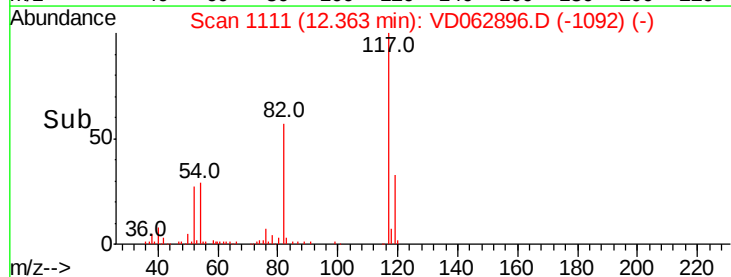
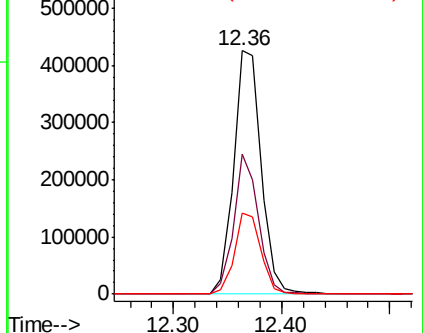
119 33.5 25.2 37.8

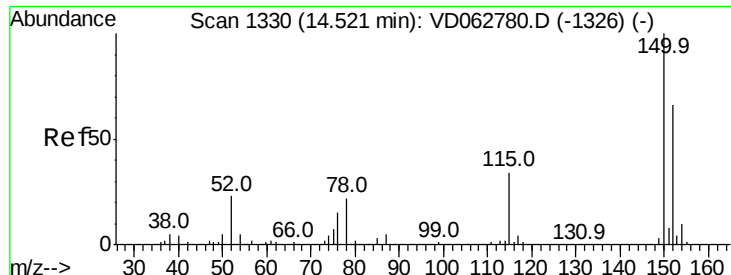


Abundance Ion 116.95 (116.65 to 117.65): V

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# 1330

Delta R.T. -0.00 min

Lab File: VD062896.D

Acq: 26 Jun 2019 1:41

Instrument :

MSVOA_D

ClientSampleId :

CP-S3-SOIL

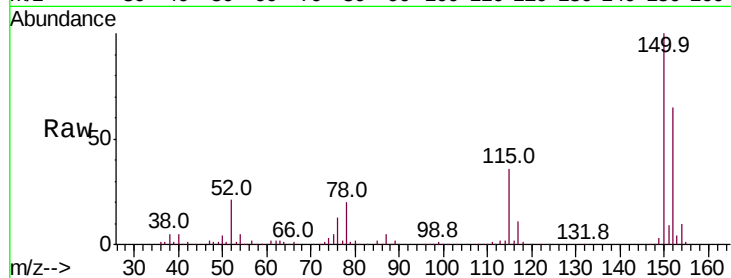
Tot Ion:152 Resp: 328318

Ion Ratio Lower Upper

152 100

115 54.6 29.2 87.6

150 153.9 0.0 305.8



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

