

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062519\
 Data File : VD062897.D
 Acq On : 26 Jun 2019 2:08
 Operator : VA/AP
 Sample : K3518-04
 Misc : 5.09g/5ml/MSVOA D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CP-S4-SOIL

Quant Time: Jun 26 07:25:32 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

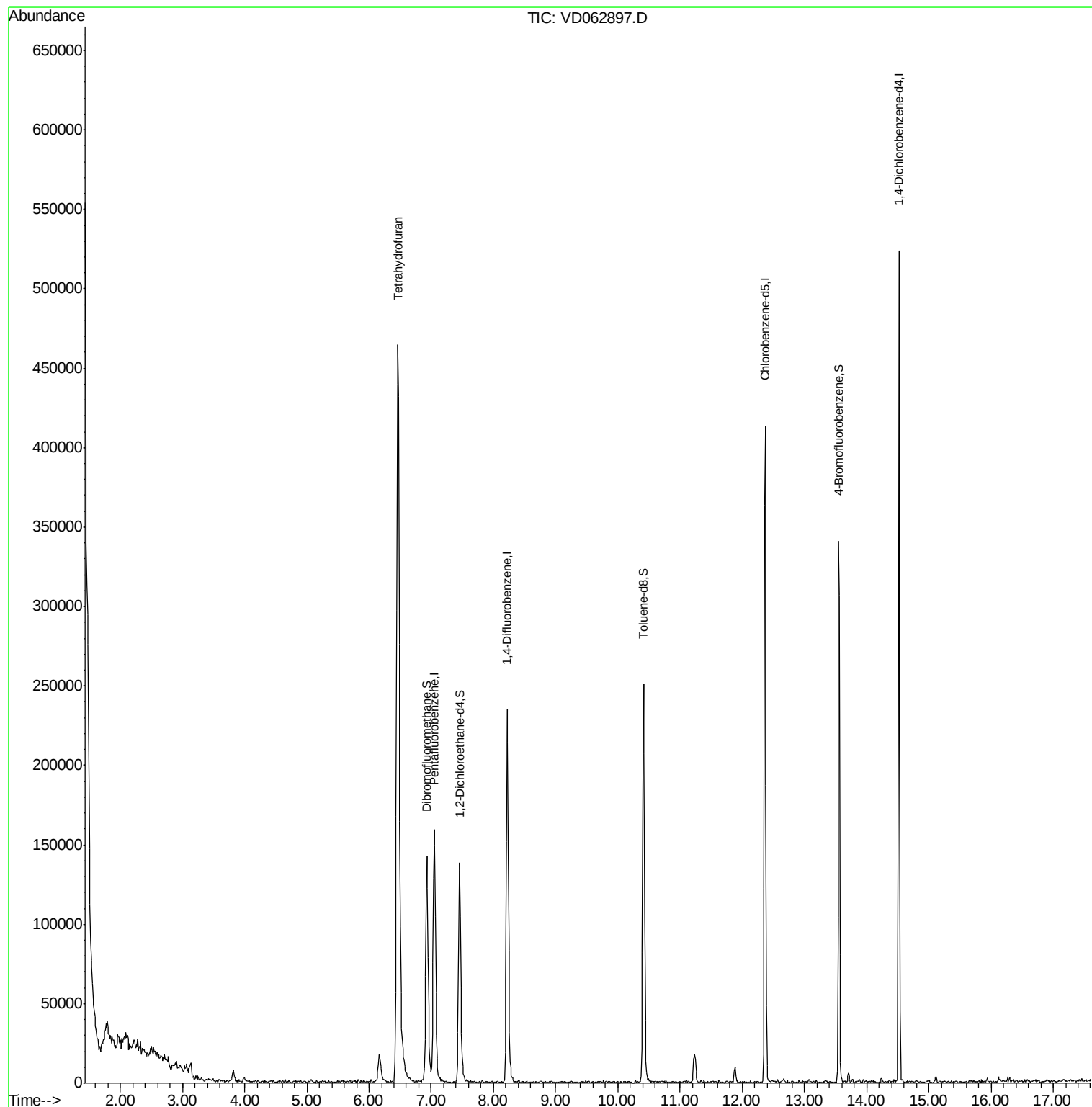
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	158513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	240989	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	221977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	105420	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	156221	90.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	181.34%	
35) Dibromofluoromethane	6.93	113	117758	57.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.90%	
50) Toluene-d8	10.41	98	199352	45.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.16%	
62) 4-Bromofluorobenzene	13.55	95	98272	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
Target Compounds						
29) Tetrahydrofuran	6.46	42	411933	2701.702	ug/l	Qvalue 98

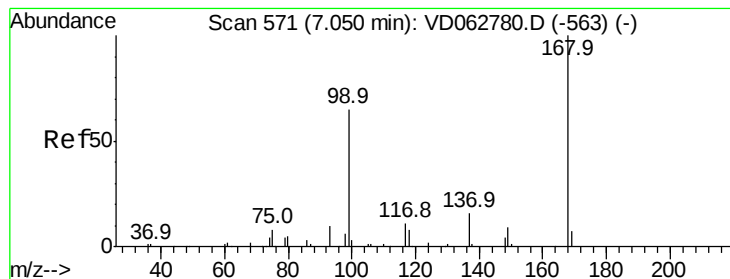
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD062897.D

Acq: 26 Jun 2019 2:08

Instrument :

MSVOA_D

ClientSampleId :

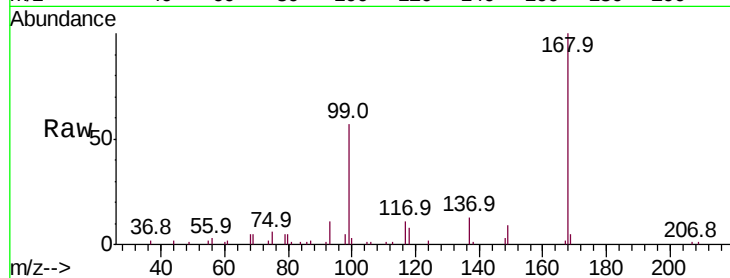
CP-S4-SOIL

Tot Ion:168 Resp: 158513

Ion Ratio Lower Upper

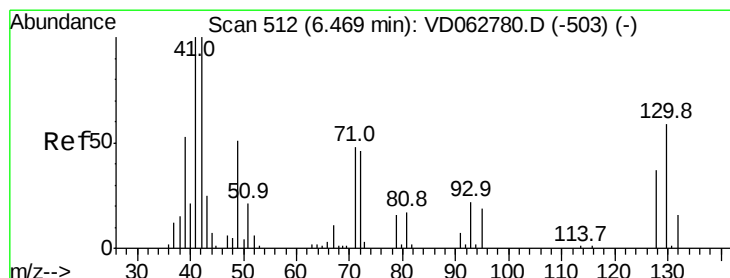
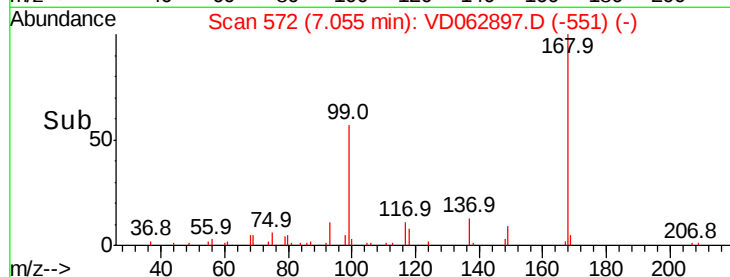
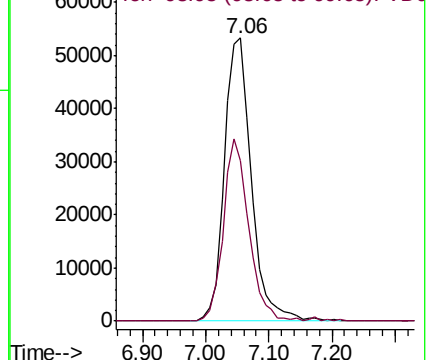
168 100

99 56.6 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#29

Tetrahydrofuran

Concen: 2701.702 ug/l

RT: 6.46 min Scan# 512

Delta R.T. -0.00 min

Lab File: VD062897.D

Acq: 26 Jun 2019 2:08

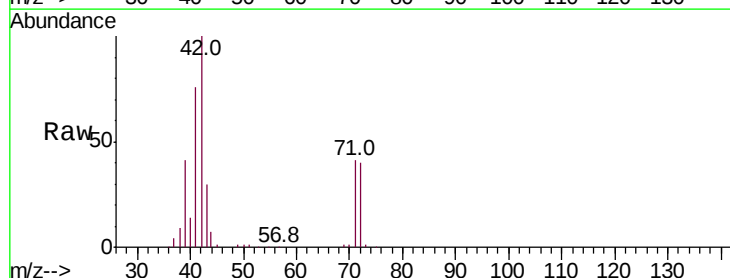
Tgt Ion: 42 Resp: 411933

Ion Ratio Lower Upper

42 100

72 42.0 35.0 52.6

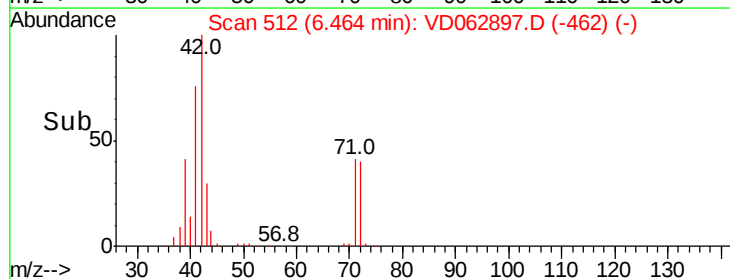
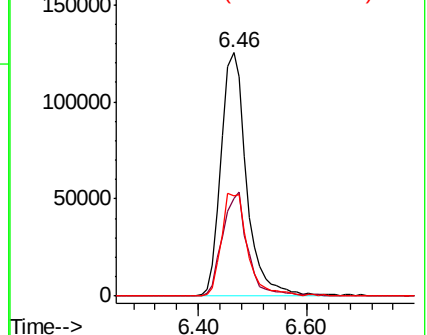
71 43.0 33.3 49.9

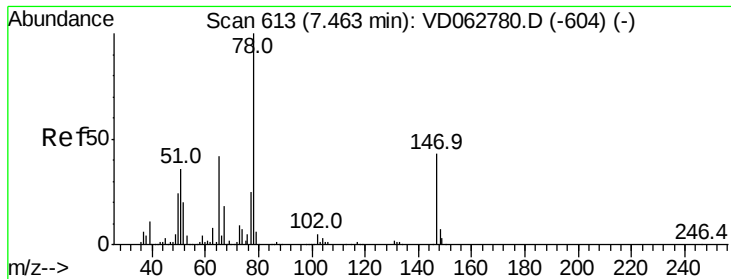


Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 90.667 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.00 min

Lab File: VD062897.D

Acq: 26 Jun 2019 2:08

Instrument :

MSVOA_D

ClientSampleId :

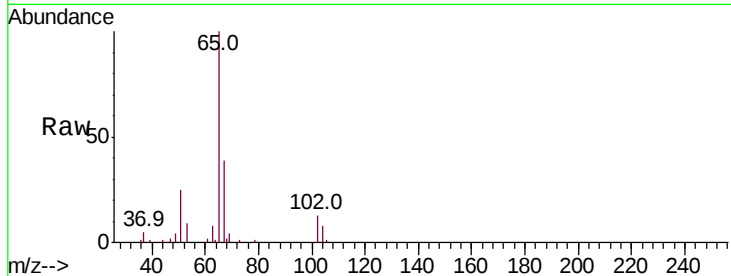
CP-S4-SOIL

Tot Ion: 65 Resp: 156221

Ion Ratio Lower Upper

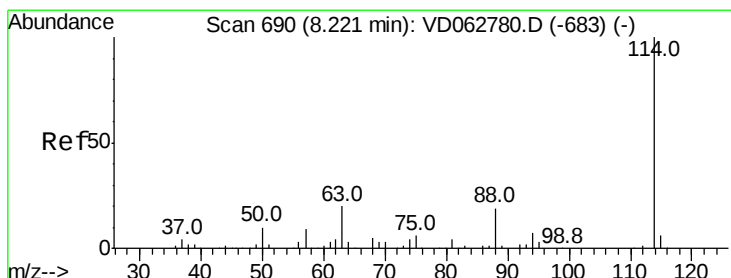
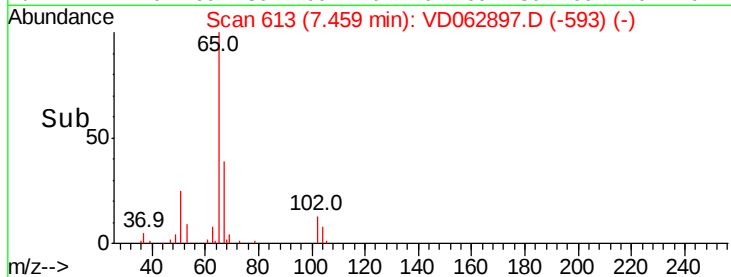
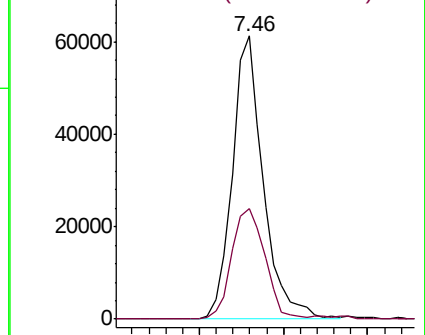
65 100

67 39.1 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: VD062897.D

Acq: 26 Jun 2019 2:08

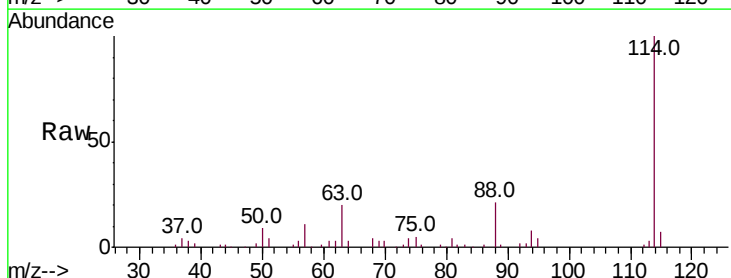
Tgt Ion: 114 Resp: 240989

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

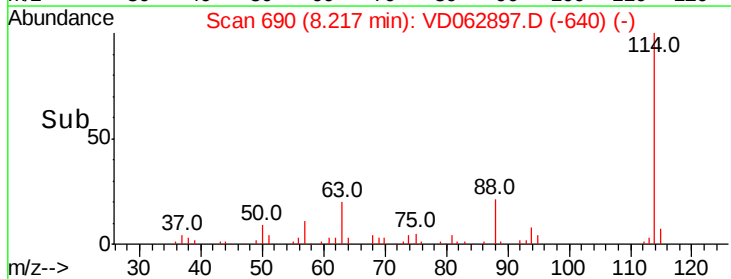
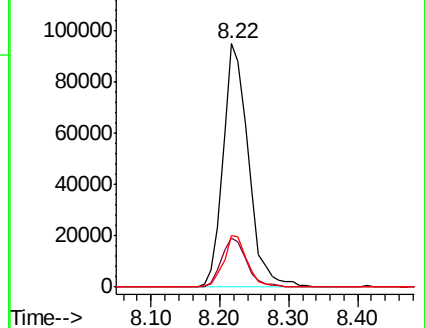
88 21.2 0.0 38.8

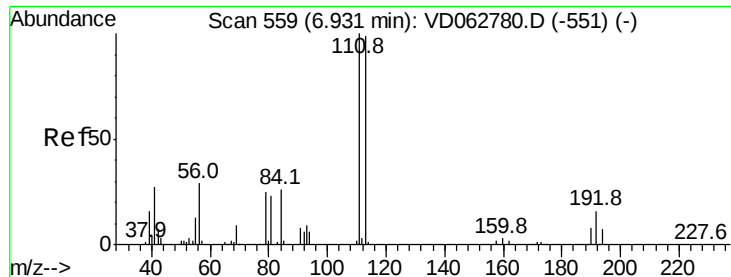


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 57.952 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.00 min

Lab File: VD062897.D

Acq: 26 Jun 2019 2:08

Instrument :

MSVOA_D

ClientSampleId :

CP-S4-SOIL

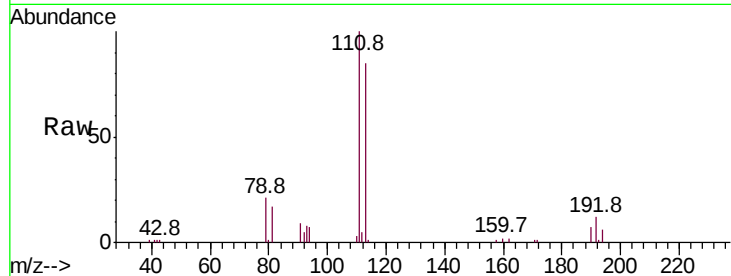
Tot Ion:113 Resp: 117758

Ion Ratio Lower Upper

113 100

111 118.2 81.2 121.8

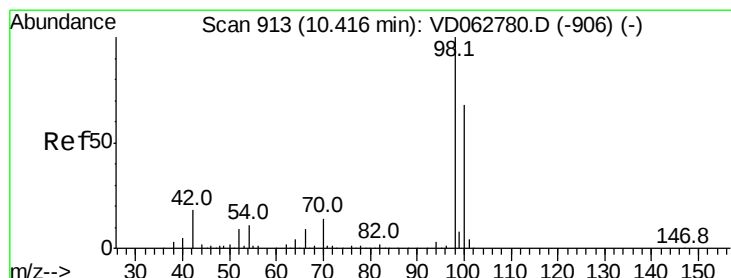
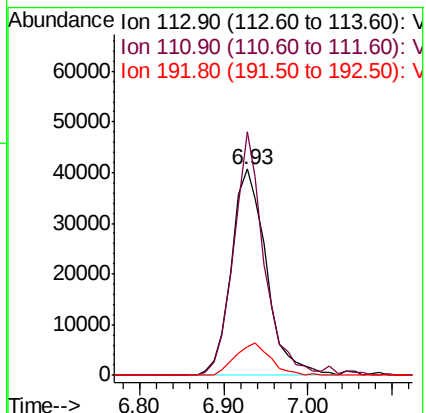
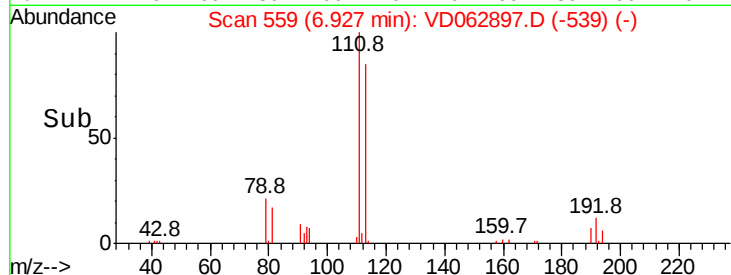
192 14.1 12.9 19.3



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: 45.076 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.00 min

Lab File: VD062897.D

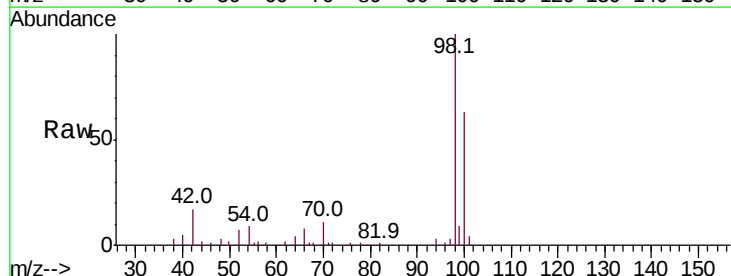
Acq: 26 Jun 2019 2:08

Tgt Ion: 98 Resp: 199352

Ion Ratio Lower Upper

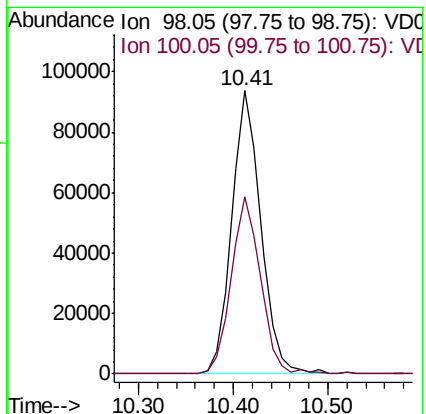
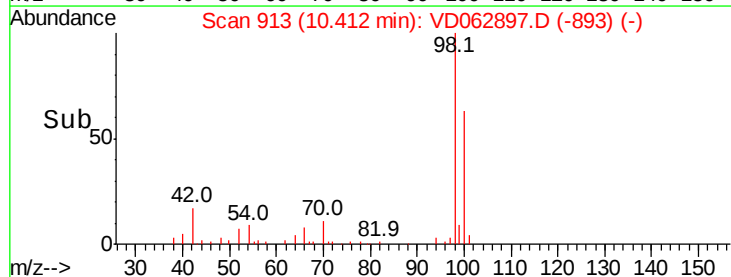
98 100

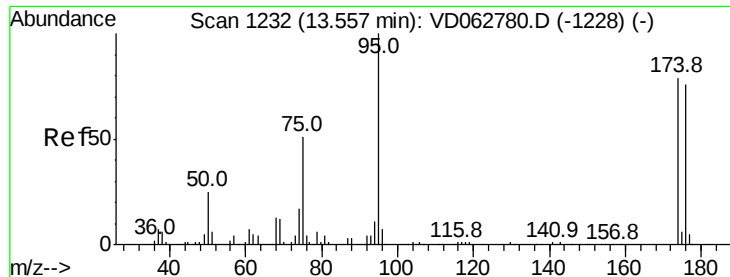
100 62.8 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 48.868 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD062897.D

Acq: 26 Jun 2019 2:08

Instrument :

MSVOA_D

ClientSampled :

CP-S4-SOIL

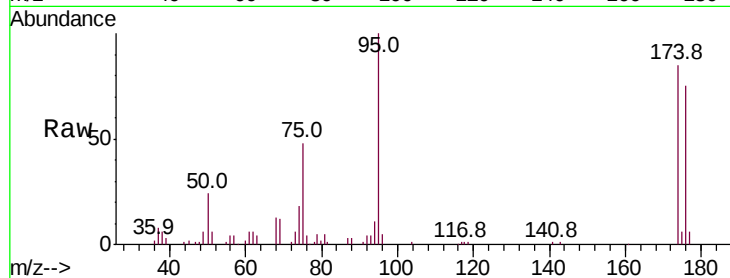
Tot Ion: 95 Resp: 98272

Ion Ratio Lower Upper

95 100

174 85.0 0.0 158.0

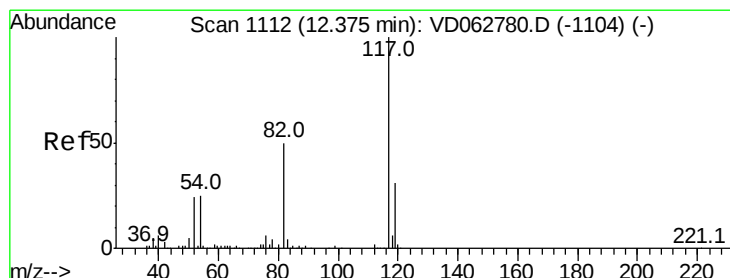
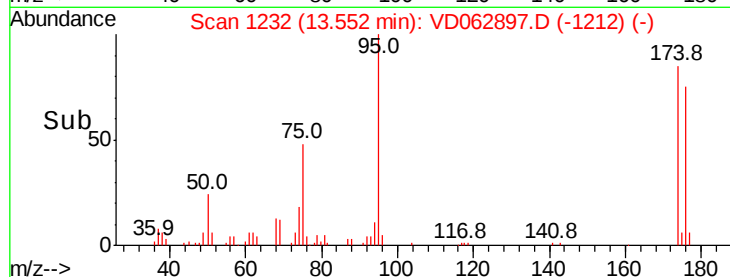
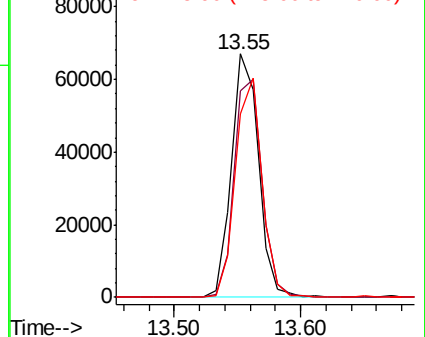
176 75.2 0.0 151.6



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: 12.37 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VD062897.D

Acq: 26 Jun 2019 2:08

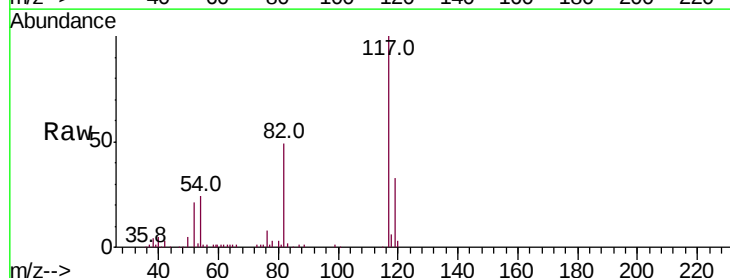
Tgt Ion: 117 Resp: 221977

Ion Ratio Lower Upper

117 100

82 49.3 40.4 60.6

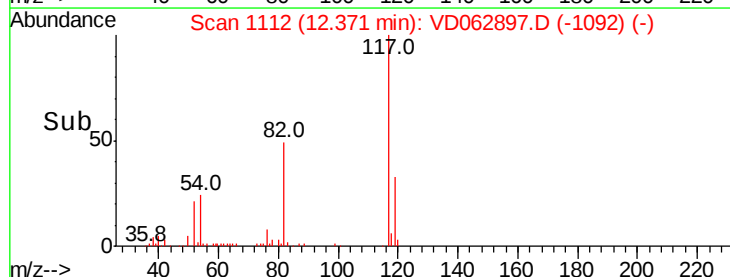
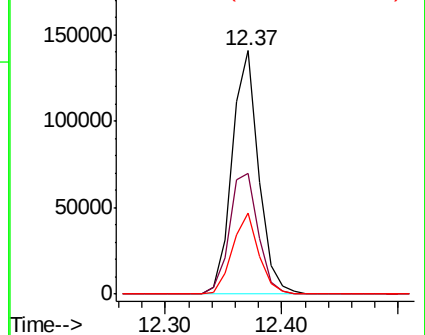
119 33.1 25.2 37.8

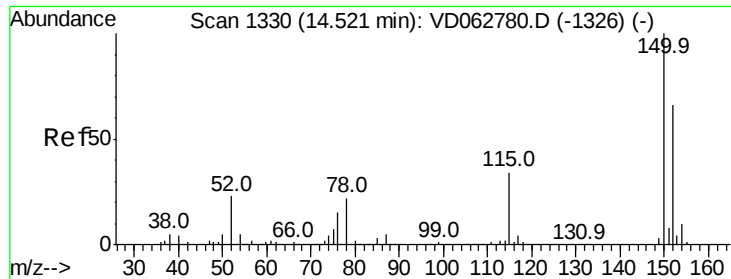


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

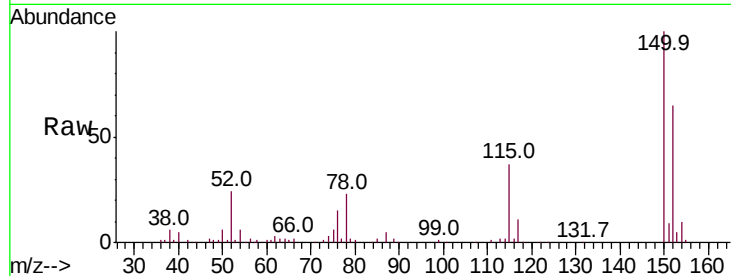




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VD062897.D
 Acq: 26 Jun 2019 2:08

Instrument :
 MSVOA_D
 ClientSampleId :
 CP-S4-SOIL

Tot Ion:152 Resp: 105420
 Ion Ratio Lower Upper
 152 100
 115 56.5 29.2 87.6
 150 153.5 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

