

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062519\
 Data File : VD062898.D
 Acq On : 26 Jun 2019 2:35
 Operator : VA/AP
 Sample : K3518-05
 Misc : 5.07g/5ml/MSVOA D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CP-S5-SOIL

Quant Time: Jun 26 07:27:10 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

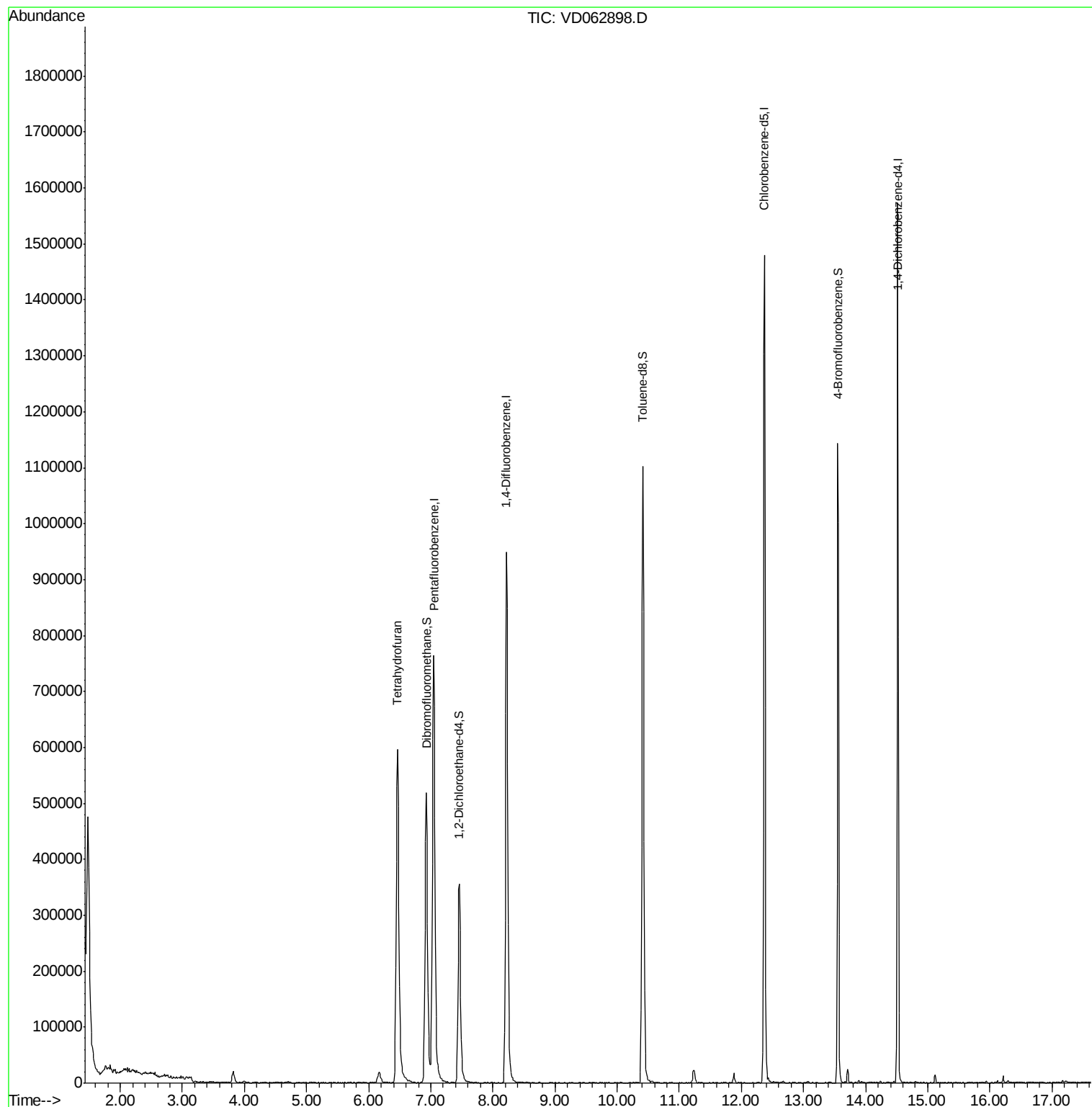
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	730834	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	990111	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	802074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	320808	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	417033	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.00%	
35) Dibromofluoromethane	6.93	113	455067	54.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.02%	
50) Toluene-d8	10.41	98	857092	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.34%	
62) 4-Bromofluorobenzene	13.55	95	334506	40.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.98%	
Target Compounds						
29) Tetrahydrofuran	6.46	42	485737	690.969	ug/l	Qvalue 97

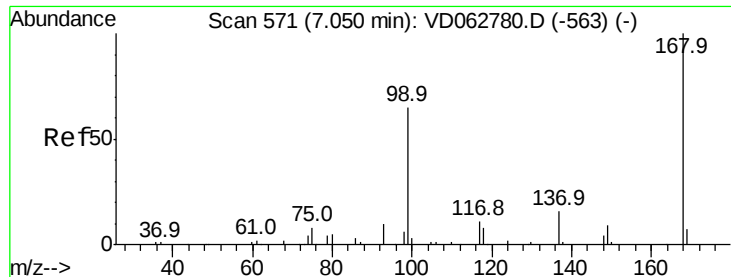
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.05 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD062898.D

Acq: 26 Jun 2019 2:35

Instrument :

MSVOA_D

ClientSampleId :

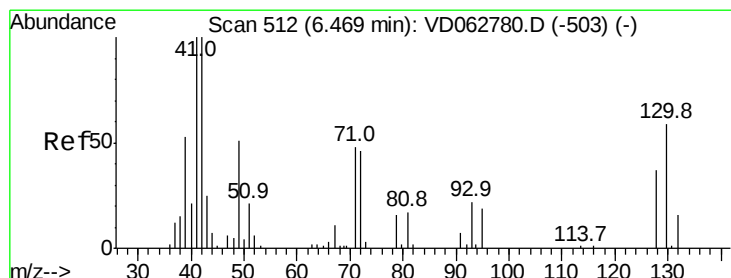
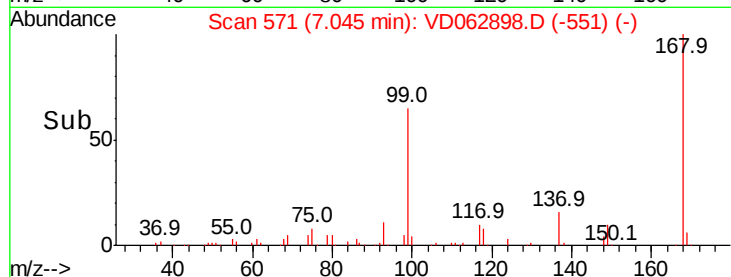
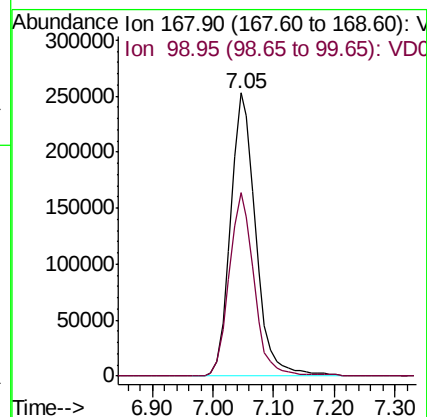
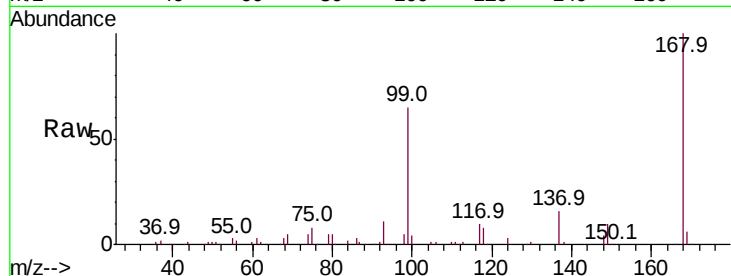
CP-S5-SOIL

Tot Ion:168 Resp: 730834

Ion Ratio Lower Upper

168 100

99 64.9 53.0 79.6



#29

Tetrahydrofuran

Concen: 690.969 ug/l

RT: 6.46 min Scan# 512

Delta R.T. -0.00 min

Lab File: VD062898.D

Acq: 26 Jun 2019 2:35

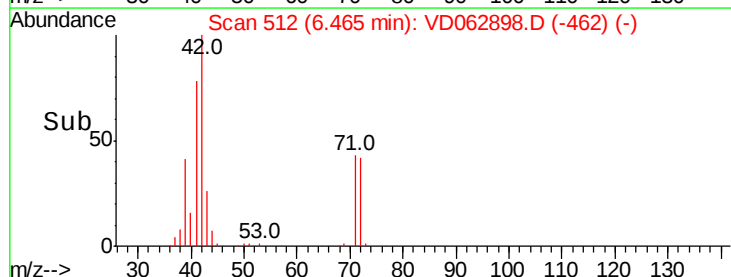
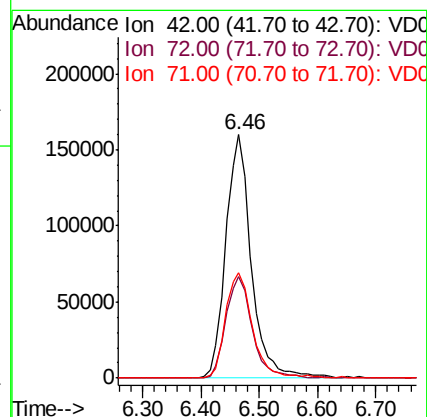
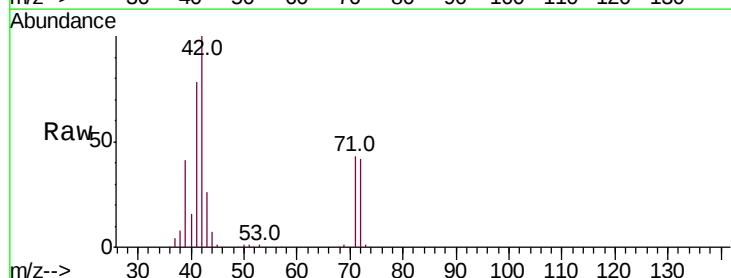
Tgt Ion: 42 Resp: 485737

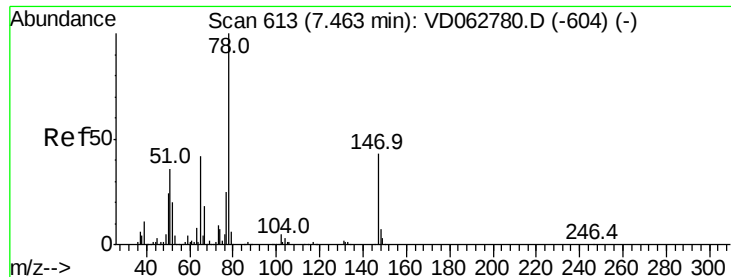
Ion Ratio Lower Upper

42 100

72 43.2 35.0 52.6

71 45.3 33.3 49.9

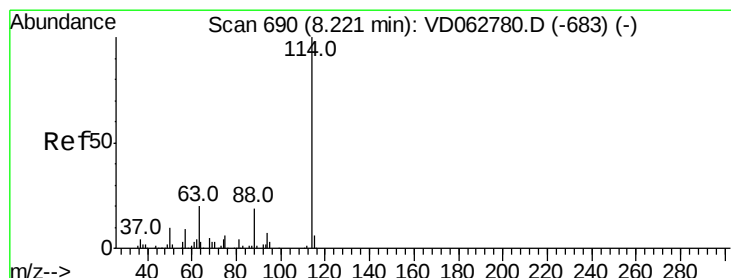
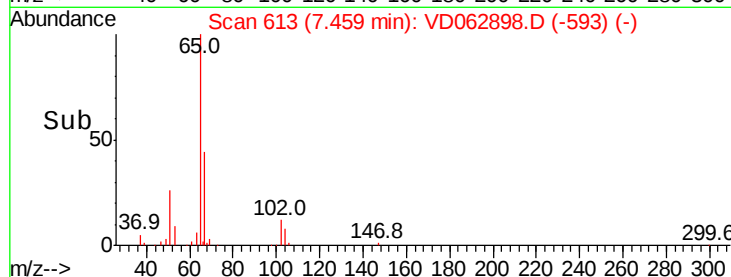
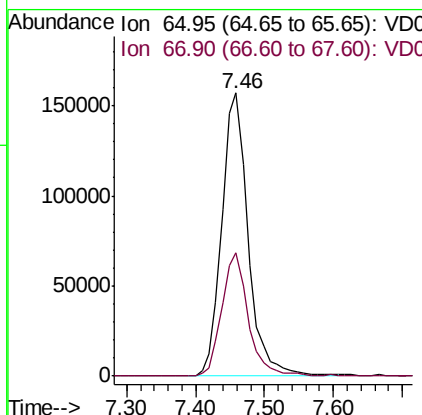
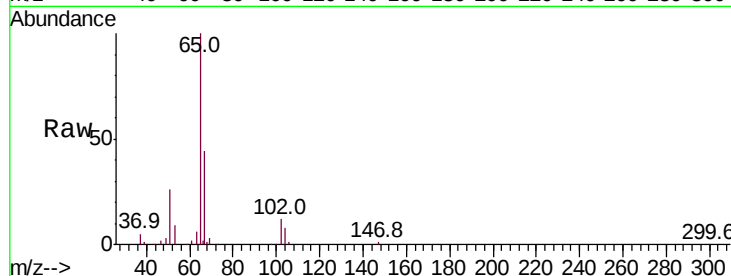




#33
 1,2-Dichloroethane-d4
 Concen: 52.496 ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: VD062898.D
 Acq: 26 Jun 2019 2:35

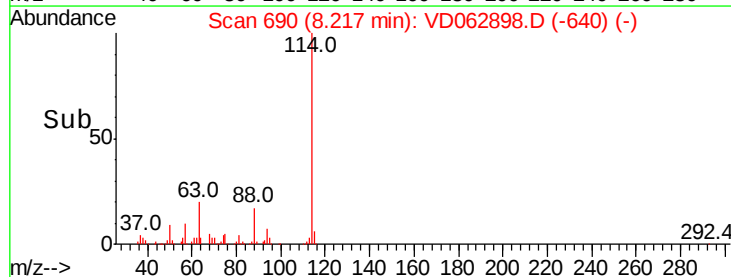
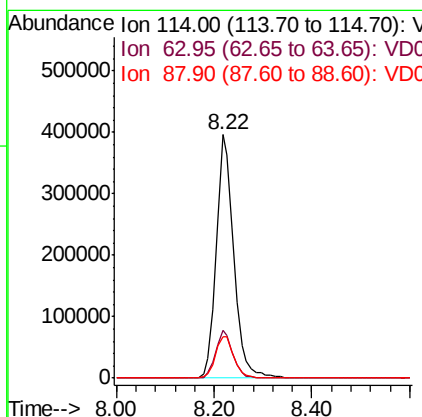
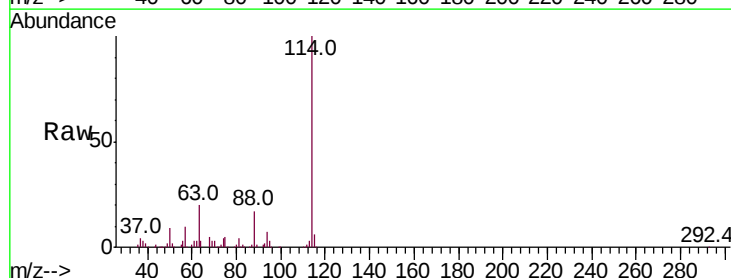
Instrument :
 MSVOA_D
 ClientSampleId :
 CP-S5-SOIL

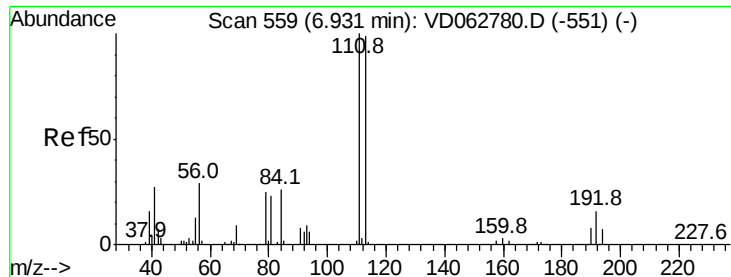
Tot Ion: 65 Resp: 417033
 Ion Ratio Lower Upper
 65 100
 67 43.7 0.0 87.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: VD062898.D
 Acq: 26 Jun 2019 2:35

Tgt Ion: 114 Resp: 990111
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 17.0 0.0 38.8





#35

Dibromofluoromethane

Concen: 54.508 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.00 min

Lab File: VD062898.D

Acq: 26 Jun 2019 2:35

Instrument :

MSVOA_D

ClientSampleId :

CP-S5-SOIL

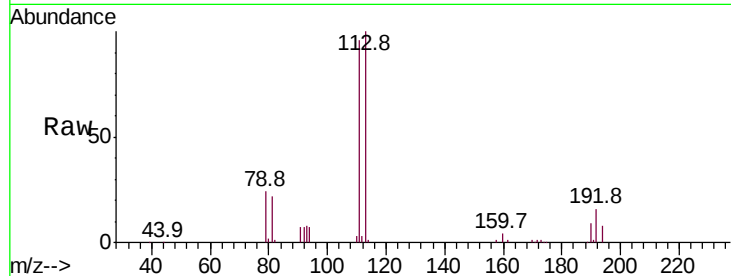
Tot Ion:113 Resp: 455067

Ion Ratio Lower Upper

113 100

111 95.6 81.2 121.8

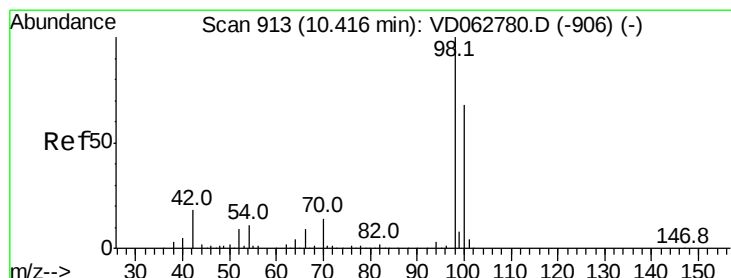
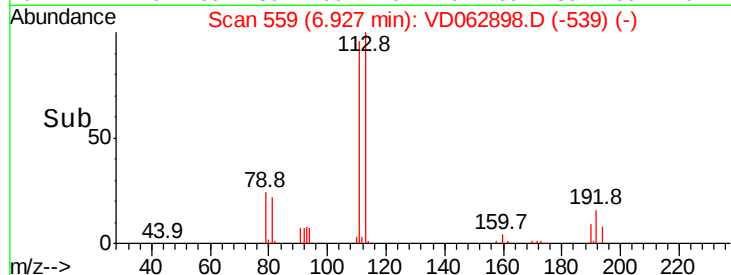
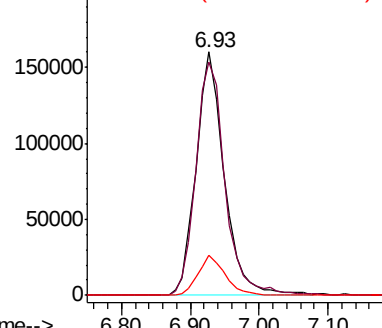
192 16.3 12.9 19.3



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: 47.170 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.00 min

Lab File: VD062898.D

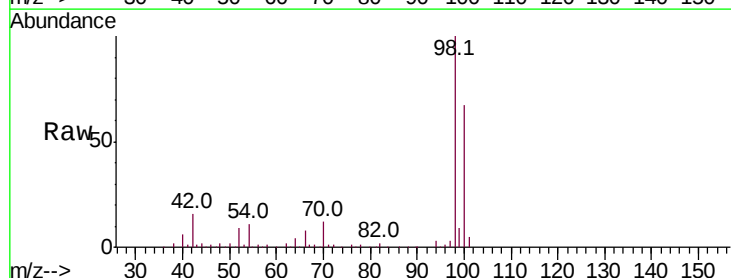
Acq: 26 Jun 2019 2:35

Tgt Ion: 98 Resp: 857092

Ion Ratio Lower Upper

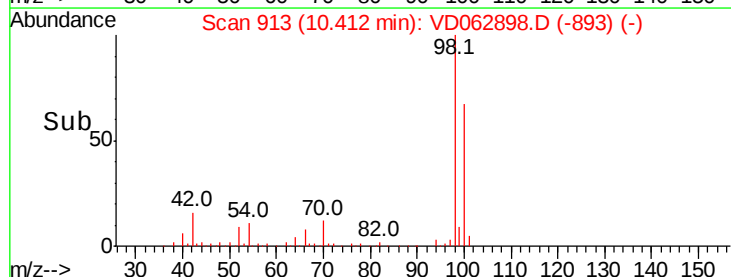
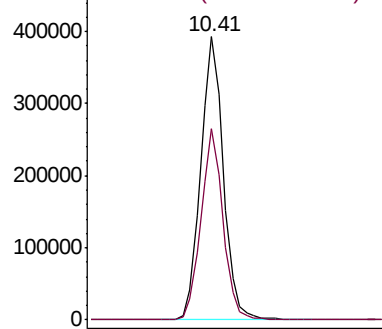
98 100

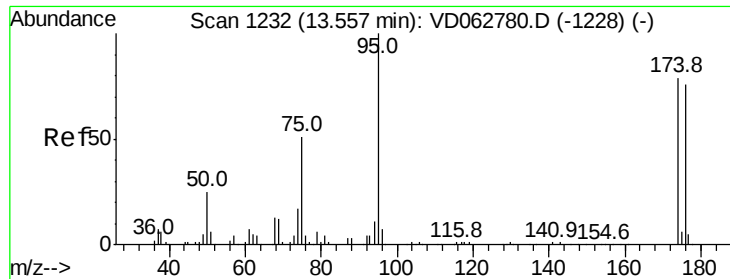
100 67.3 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

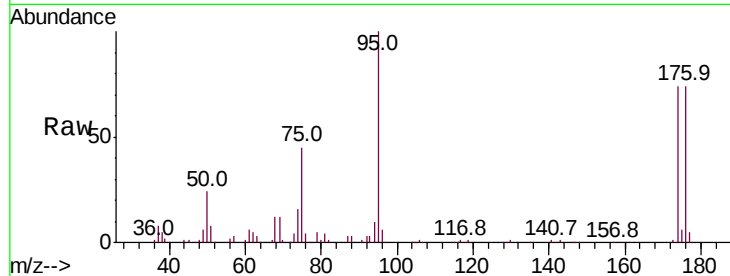




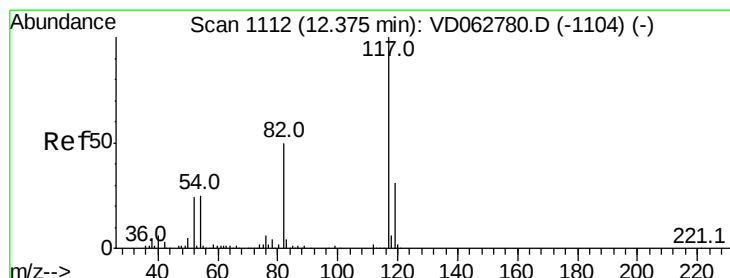
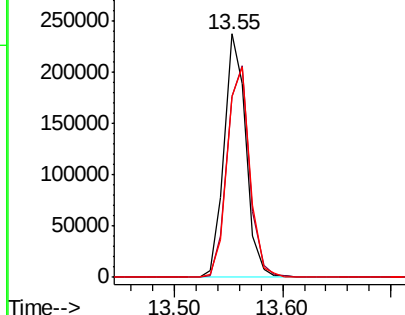
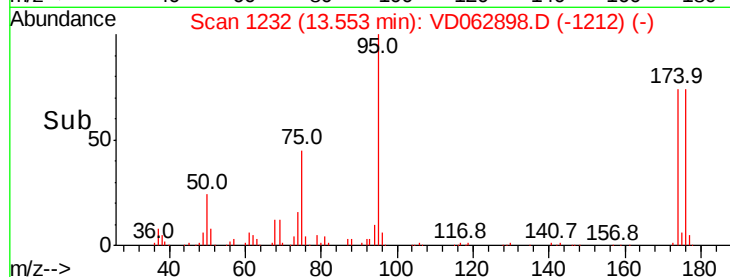
#62
4-Bromofluorobenzene
Concen: 40.486 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD062898.D
Acq: 26 Jun 2019 2:35

Instrument :
MSVOA_D
ClientSampleId :
CP-S5-SOIL

Tot Ion: 95 Resp: 334506
Ion Ratio Lower Upper
95 100
174 74.2 0.0 158.0
176 74.1 0.0 151.6

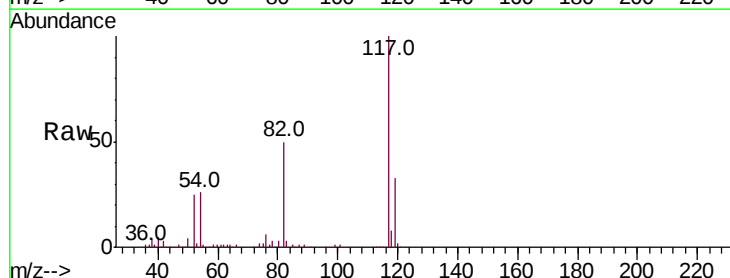


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

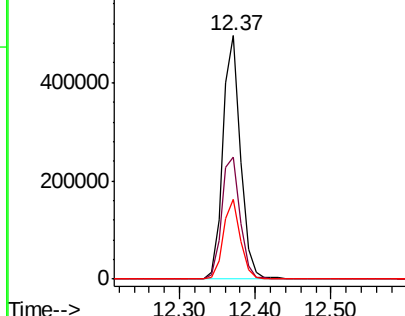
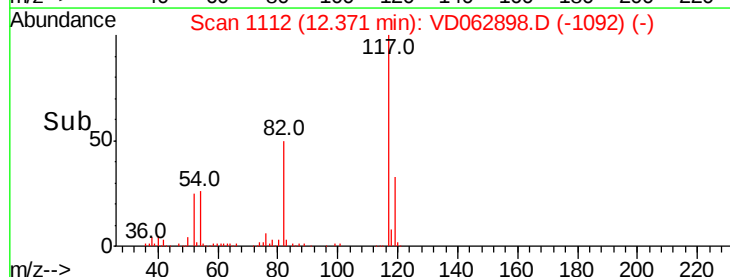


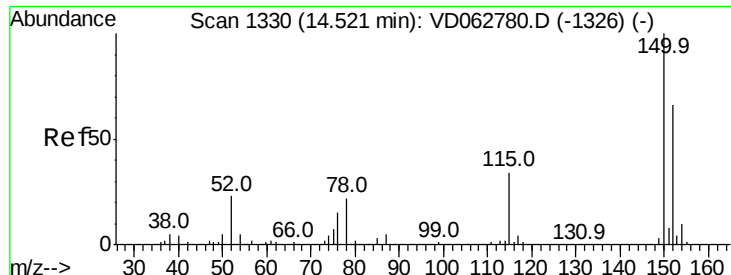
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062898.D
Acq: 26 Jun 2019 2:35

Tgt Ion: 117 Resp: 802074
Ion Ratio Lower Upper
117 100
82 50.0 40.4 60.6
119 32.6 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: VD062898.D

Acq: 26 Jun 2019 2:35

Instrument :

MSVOA_D

ClientSampleId :

CP-S5-SOIL

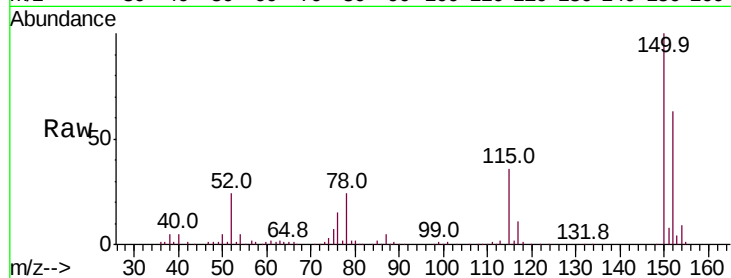
Tot Ion:152 Resp: 320808

Ion Ratio Lower Upper

152 100

115 57.4 29.2 87.6

150 159.9 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

