

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062819\
 Data File : VD062971.D
 Acq On : 28 Jun 2019 17:37
 Operator : VA/AP
 Sample : K3573-02
 Misc : 5.54g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SR-SOIL-COMP-2

Quant Time: Jun 29 01:03:23 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

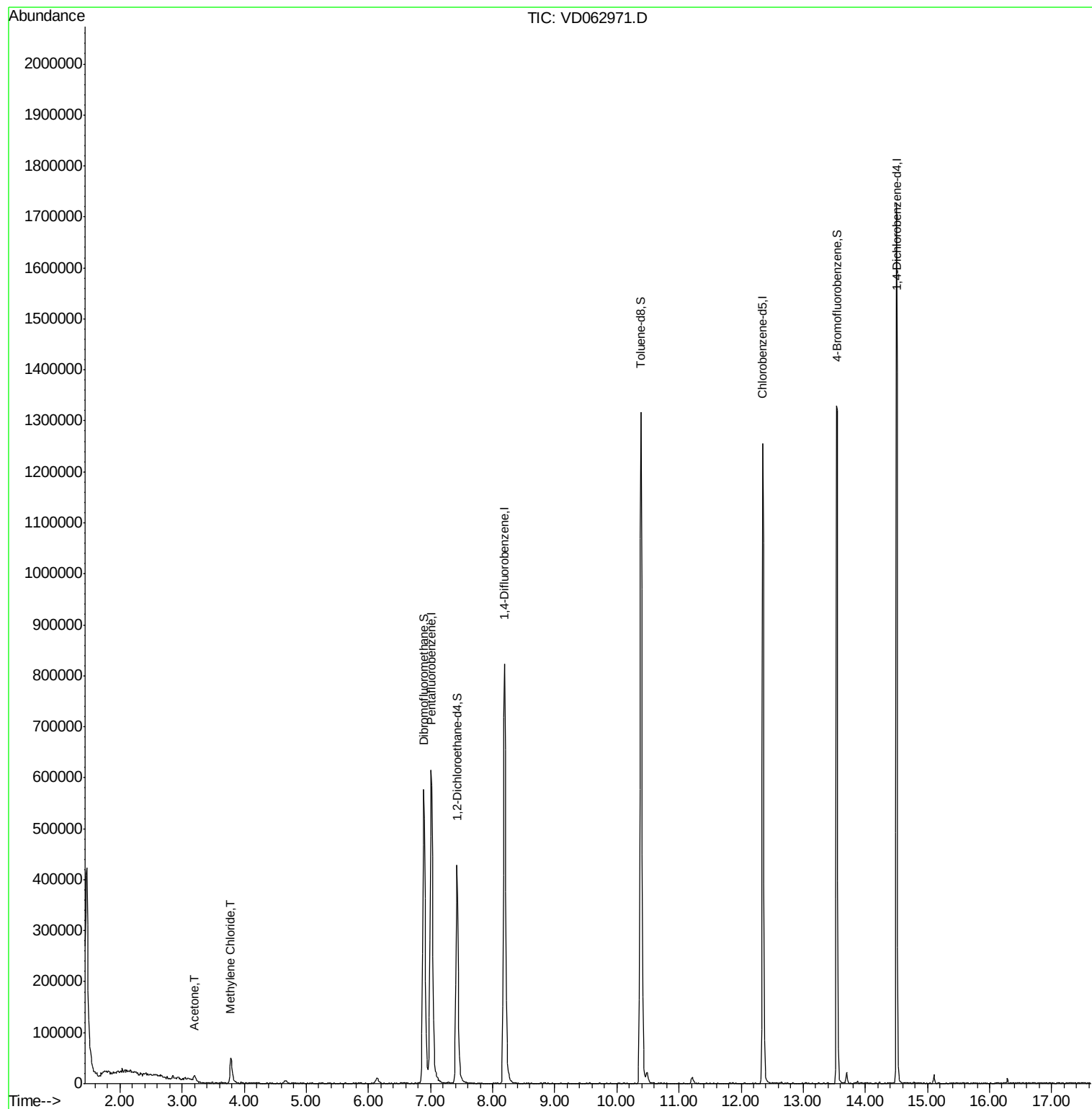
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.01	168	610618	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.19	114	861689	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.35	117	663413	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	14.50	152	378342	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	487567	73.46	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	146.92%	
35) Dibromofluoromethane	6.89	113	494044	68.00	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	136.00%	
50) Toluene-d8	10.39	98	1020826	64.55	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	129.10%	
62) 4-Bromofluorobenzene	13.54	95	405760	56.43	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	112.86%	
Target Compounds						
16) Acetone	3.20	43	29613	15.437	ug/l #	83
20) Methylene Chloride	3.78	84	29301	5.789	ug/l	92

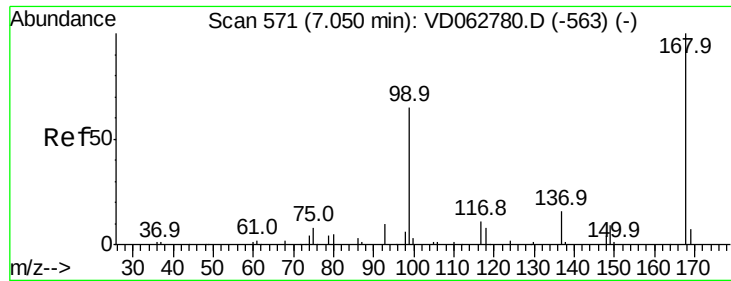
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.01 min Scan# 567

Delta R.T. -0.04 min

Lab File: VD062971.D

Acq: 28 Jun 2019 17:37

Instrument :

MSVOA_D

ClientSampleId :

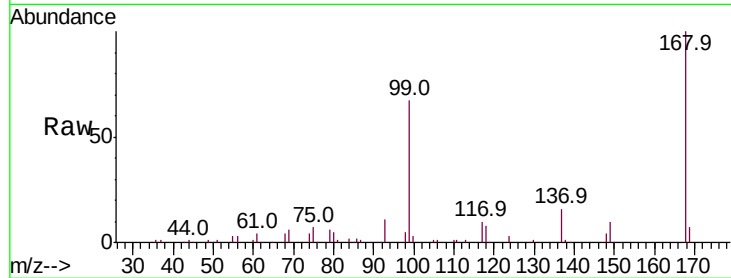
SR-SOIL-COMP-2

Tot Ion:168 Resp: 610618

Ion Ratio Lower Upper

168 100

99 67.1 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.01

200000

150000

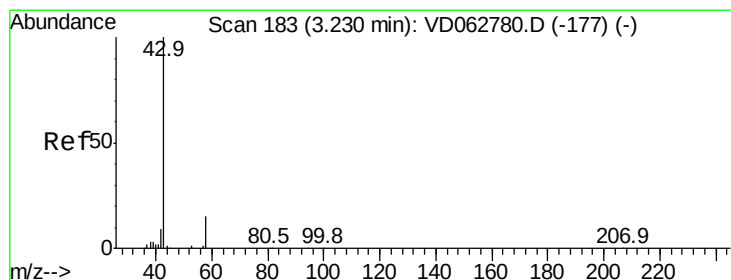
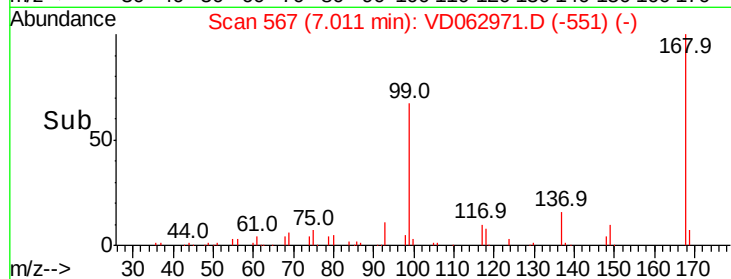
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 15.437 ug/l

RT: 3.20 min Scan# 180

Delta R.T. -0.03 min

Lab File: VD062971.D

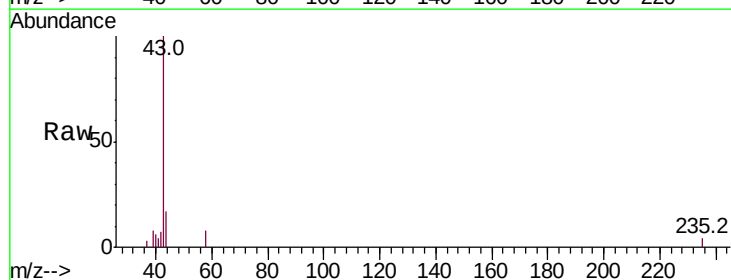
Acq: 28 Jun 2019 17:37

Tgt Ion: 43 Resp: 29613

Ion Ratio Lower Upper

43 100

58 7.9 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.20

12000

10000

8000

6000

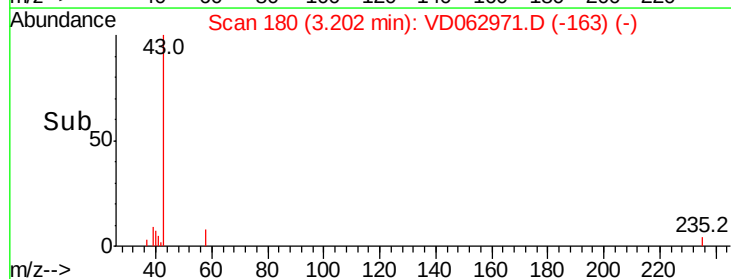
4000

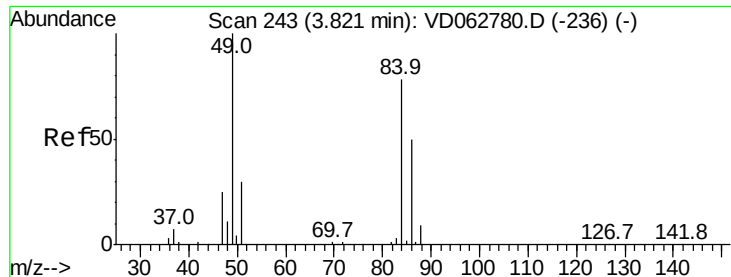
2000

0

3.10 3.20 3.30

Time-->

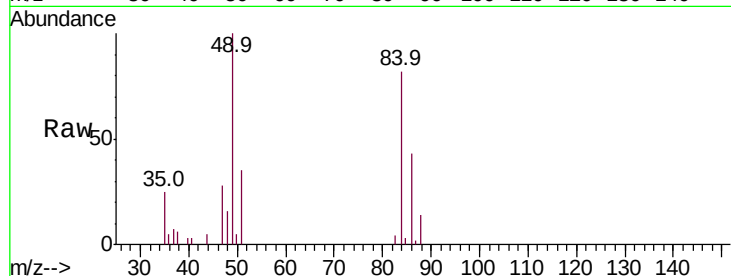




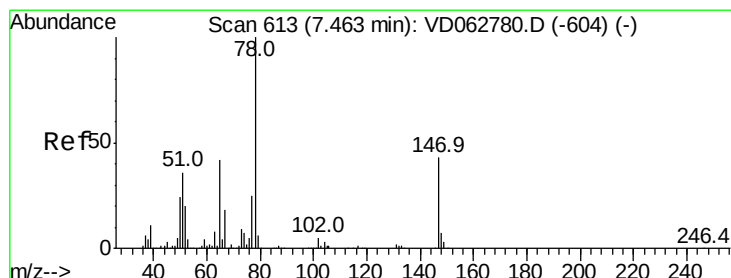
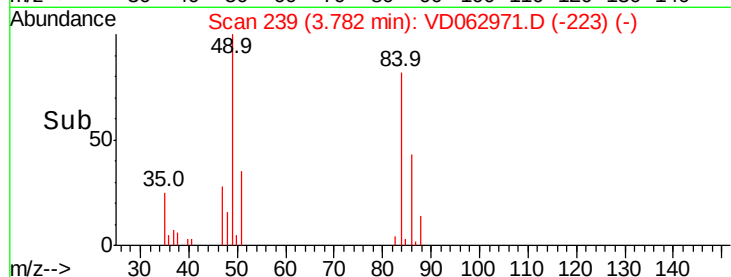
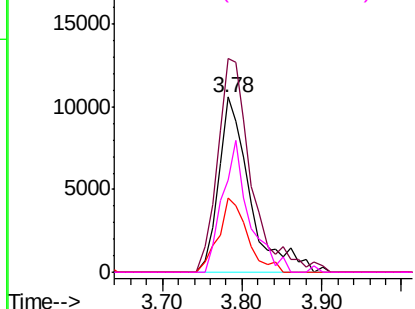
#20
Methvlene Chloride
Concen: 5.789 ug/l
RT: 3.78 min Scan# 239
Delta R.T. -0.04 min
Lab File: VD062971.D
Acq: 28 Jun 2019 17:37

Instrument :
MSVOA_D
ClientSampleId :
SR-SOIL-COMP-2

Tot Ion:	84	Resp:	29301
Ion	Ratio	Lower	Upper
84	100		
49	122.2	102.9	154.3
51	42.2	31.2	46.8
86	52.5	51.4	77.2

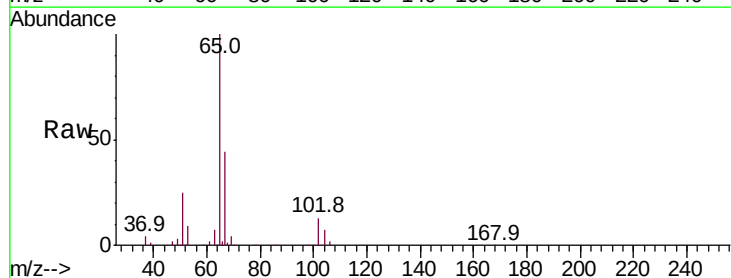


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

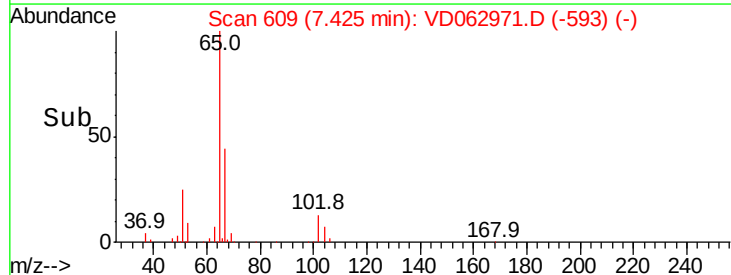
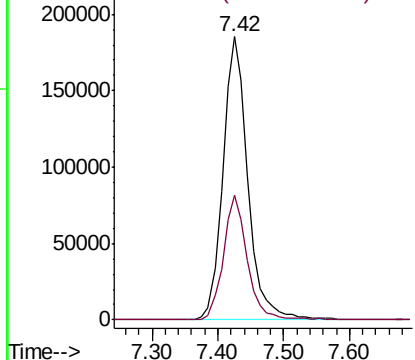


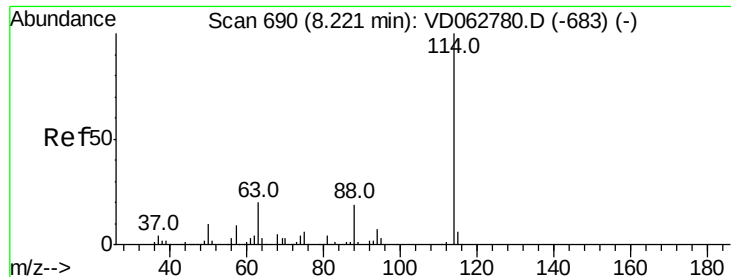
#33
1,2-Dichloroethane-d4
Concen: 73.458 ug/l
RT: 7.42 min Scan# 609
Delta R.T. -0.04 min
Lab File: VD062971.D
Acq: 28 Jun 2019 17:37

Tgt Ion:	65	Resp:	487567
Ion	Ratio	Lower	Upper
65	100		
67	43.8	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: 8.19 min Scan# 687

Delta R.T. -0.03 min

Lab File: VD062971.D

Acq: 28 Jun 2019 17:37

Instrument :

MSVOA_D

ClientSampleId :

SR-SOIL-COMP-2

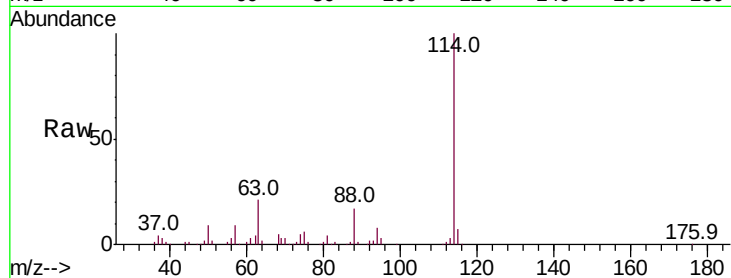
Tot Ion:114 Resp: 861689

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.0

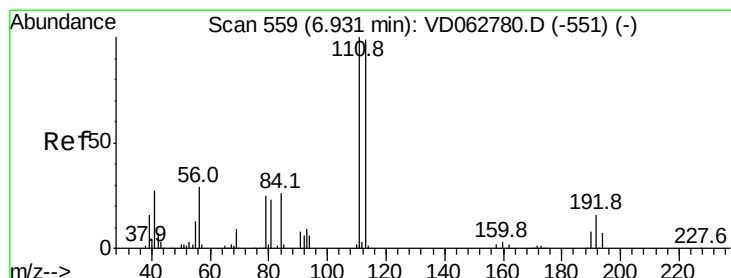
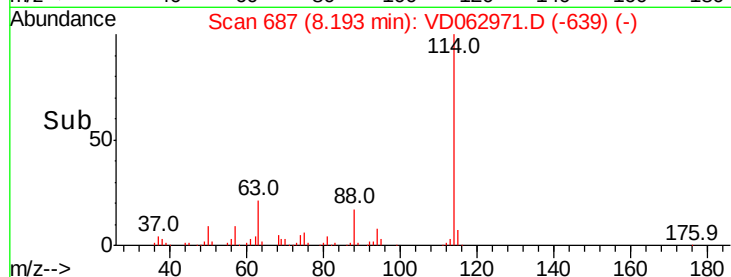
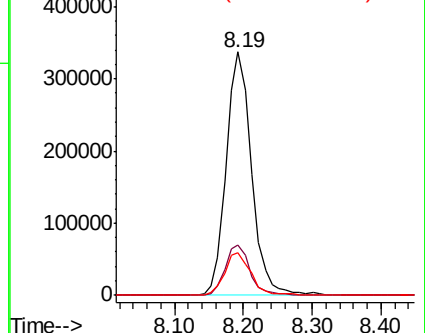
88 17.4 0.0 38.8



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: 67.997 ug/l

RT: 6.89 min Scan# 555

Delta R.T. -0.04 min

Lab File: VD062971.D

Acq: 28 Jun 2019 17:37

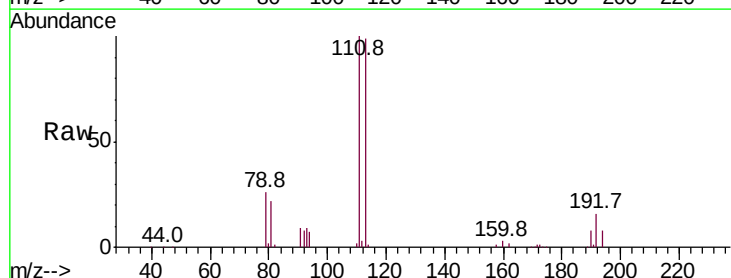
Tgt Ion:113 Resp: 494044

Ion Ratio Lower Upper

113 100

111 101.2 81.2 121.8

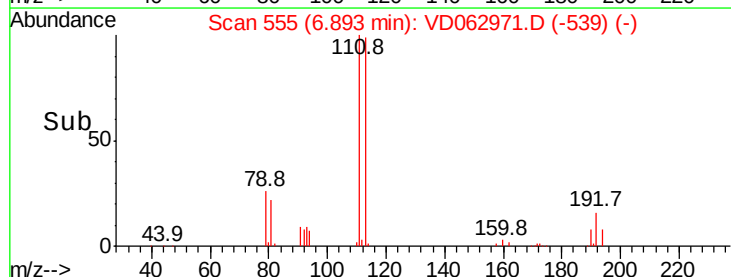
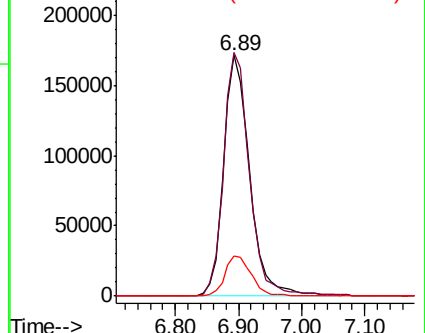
192 16.6 12.9 19.3

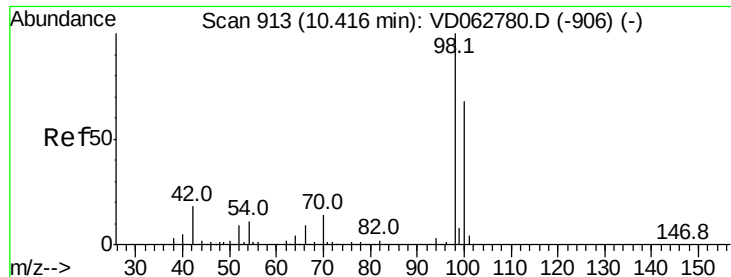


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

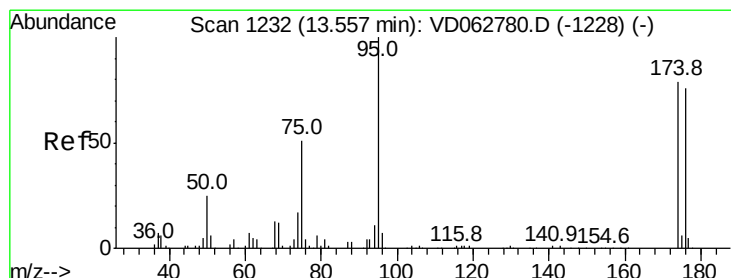
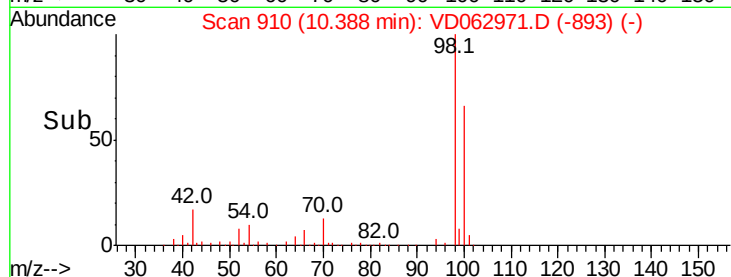
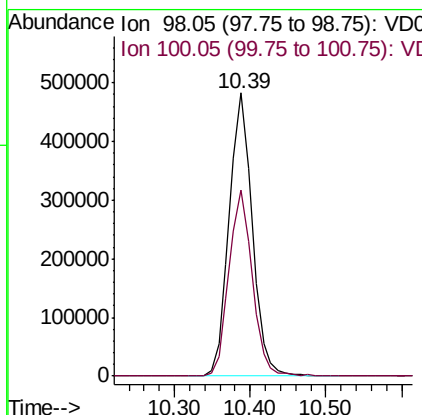
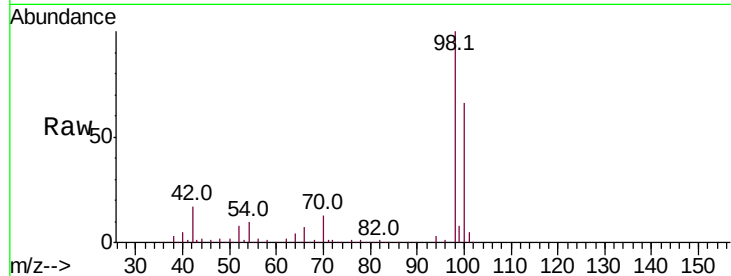




#50
Toluene-d8
Concen: 64.554 ug/l
RT: 10.39 min Scan# 910
Delta R.T. -0.03 min
Lab File: VD062971.D
Acq: 28 Jun 2019 17:37

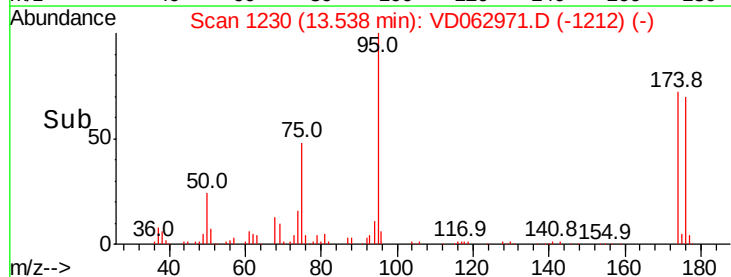
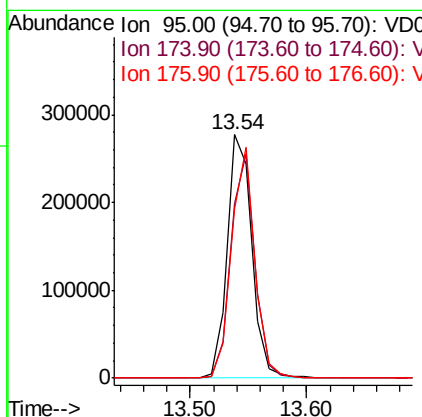
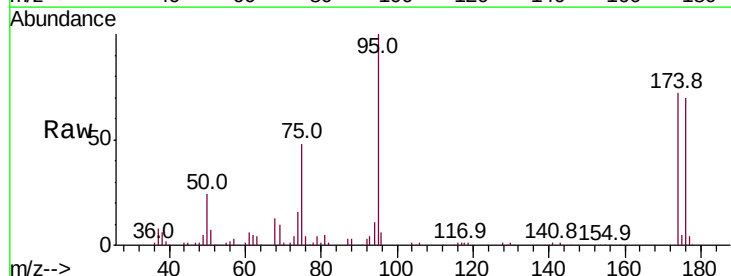
Instrument :
MSVOA_D
ClientSampleId :
SR-SOIL-COMP-2

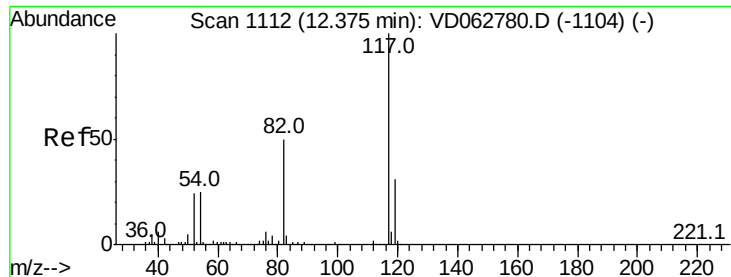
Tot Ion: 98 Resp: 1020826
Ion Ratio Lower Upper
98 100
100 65.8 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 56.430 ug/l
RT: 13.54 min Scan# 1230
Delta R.T. -0.02 min
Lab File: VD062971.D
Acq: 28 Jun 2019 17:37

Tgt Ion: 95 Resp: 405760
Ion Ratio Lower Upper
95 100
174 71.5 0.0 158.0
176 69.7 0.0 151.6

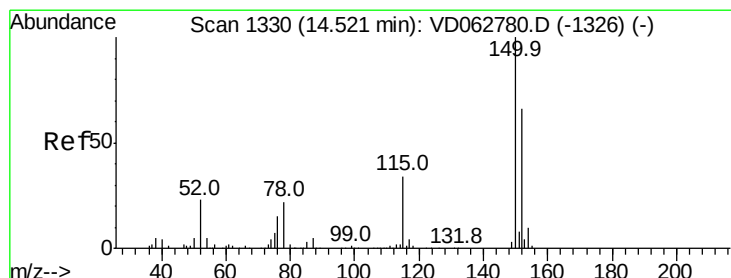
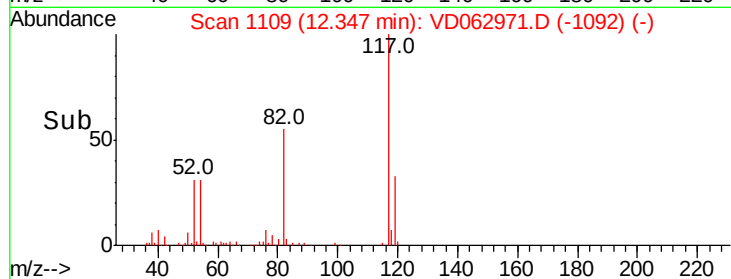
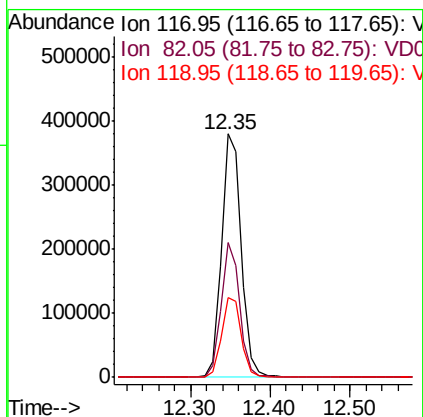
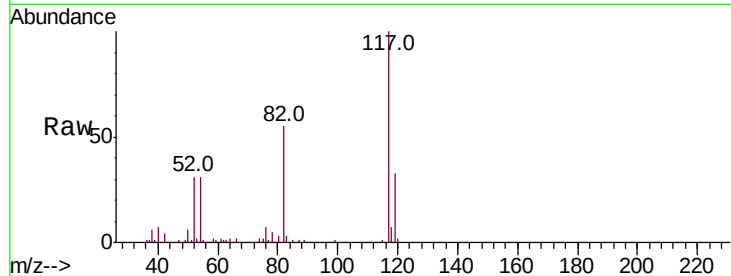




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1109
Delta R.T. -0.03 min
Lab File: VD062971.D
Acq: 28 Jun 2019 17:37

Instrument :
MSVOA_D
ClientSampleId :
SR-SOIL-COMP-2

Tot Ion:117 Resp: 663413
Ion Ratio Lower Upper
117 100
82 55.3 40.4 60.6
119 32.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.50 min Scan# 1328
Delta R.T. -0.02 min
Lab File: VD062971.D
Acq: 28 Jun 2019 17:37

Tgt Ion:152 Resp: 378342
Ion Ratio Lower Upper
152 100
115 63.5 29.2 87.6
150 156.2 0.0 305.8

