

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080619\
 Data File : VD063406.D
 Acq On : 6 Aug 2019 18:33
 Operator : JC/SY
 Sample : K4165-01RE
 Misc : 5.10g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CP-MW3-S-8-12-SOILRE

Quant Time: Aug 07 07:56:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

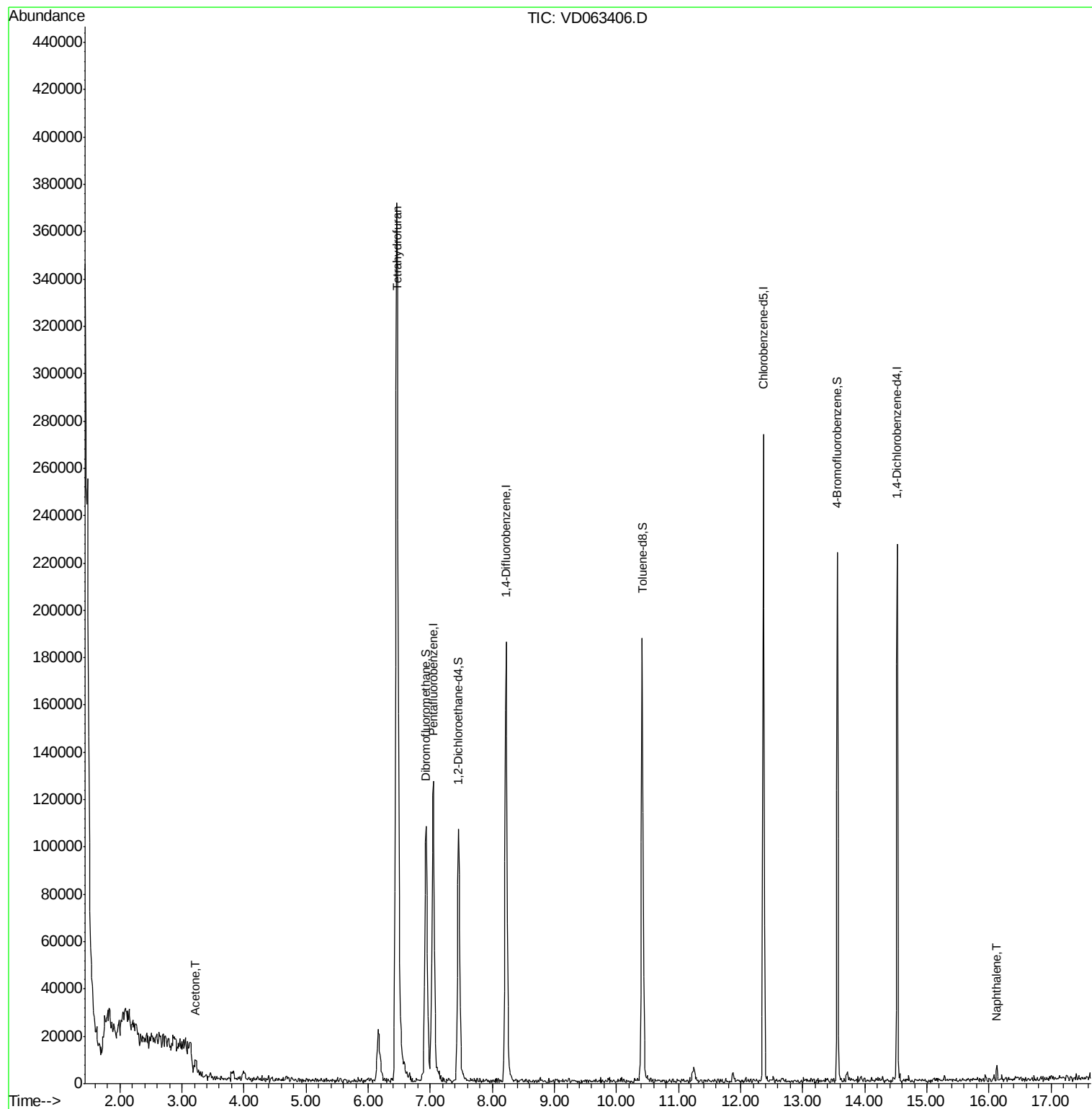
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	131251	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	187837	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	142731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	50597	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	119351	81.95	ug/l	0.01
Spiked Amount 50.000			Recovery	=	163.90%	
35) Dibromofluoromethane	6.93	113	98561	61.46	ug/l	0.02
Spiked Amount 50.000			Recovery	=	122.92%	
50) Toluene-d8	10.42	98	147058	40.97	ug/l	0.01
Spiked Amount 50.000			Recovery	=	81.94%	
62) 4-Bromofluorobenzene	13.56	95	59525	36.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.78%	
Target Compounds						
16) Acetone	3.21	43	13533	47.693	ug/l	94
29) Tetrahydrofuran	6.46	42	301179	2233.850	ug/l	98
95) Naphthalene	16.13	128	3990	2.549	ug/l #	88

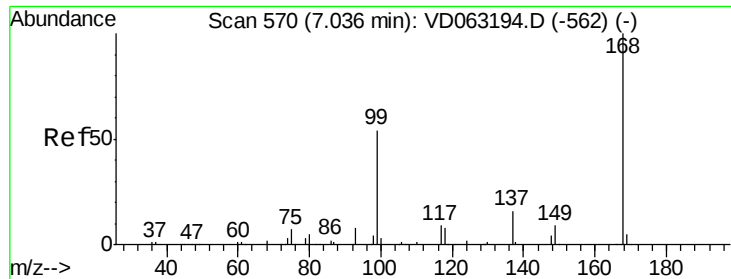
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD080619\
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Quant Time: Aug 07 07:56:39 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD063406.D

Acq: 6 Aug 2019 18:33

Instrument :

MSVOA_D

ClientSampleId :

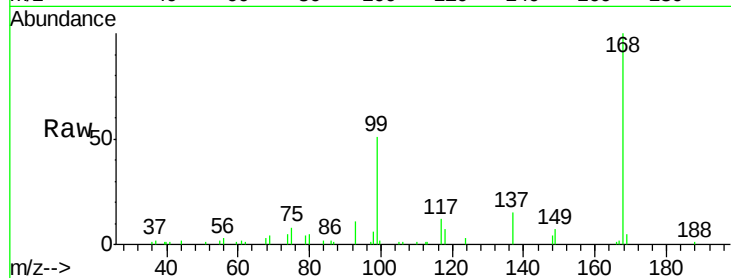
CP-MW3-S-8-12-SOILRE

Tot Ion:168 Resp: 131251

Ion Ratio Lower Upper

168 100

99 51.2 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

50000

40000

30000

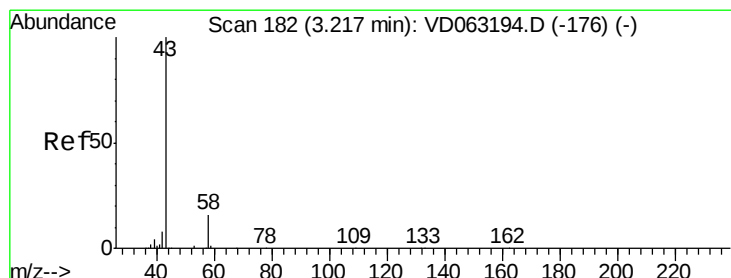
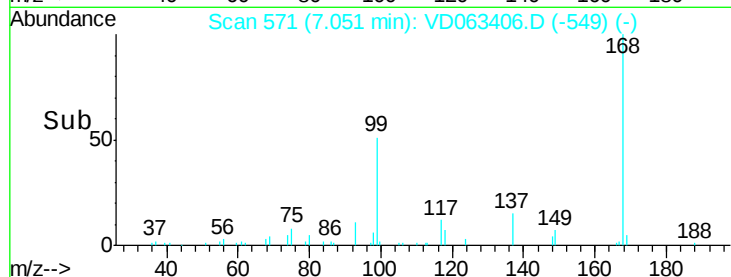
20000

10000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 47.693 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.00 min

Lab File: VD063406.D

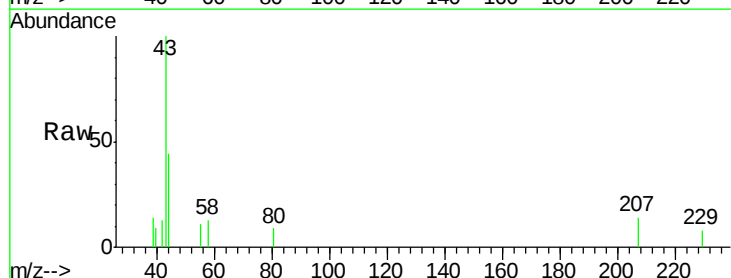
Acq: 6 Aug 2019 18:33

Tgt Ion: 43 Resp: 13533

Ion Ratio Lower Upper

43 100

58 13.5 13.0 19.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

5000

4000

3000

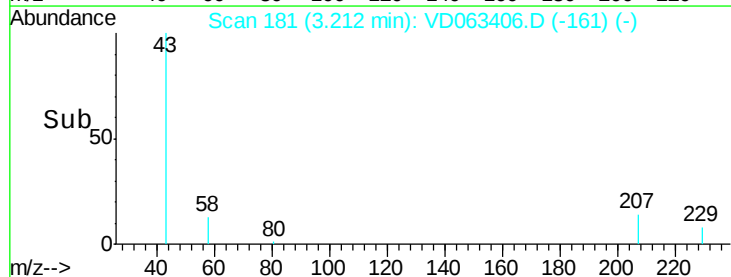
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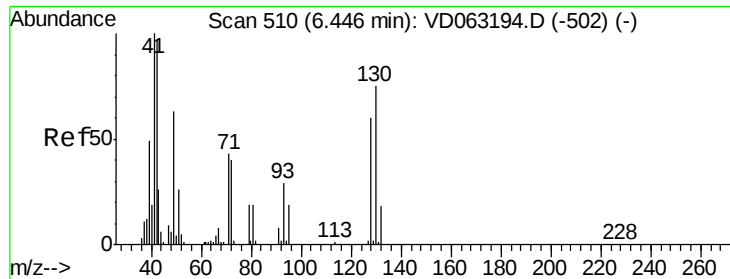
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Time-->

3.10 3.20 3.30

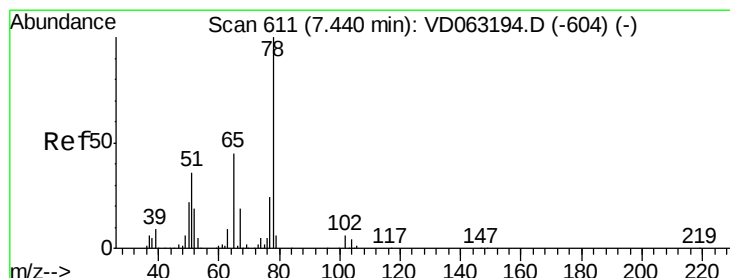
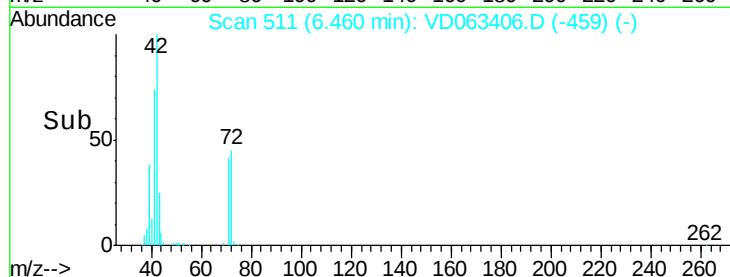
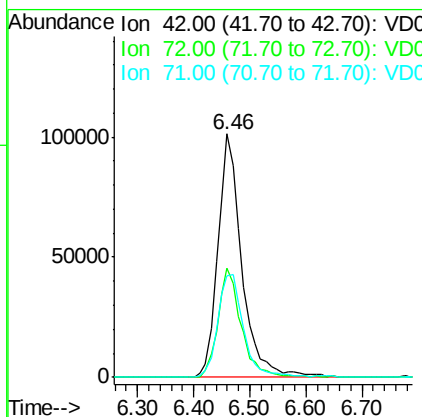
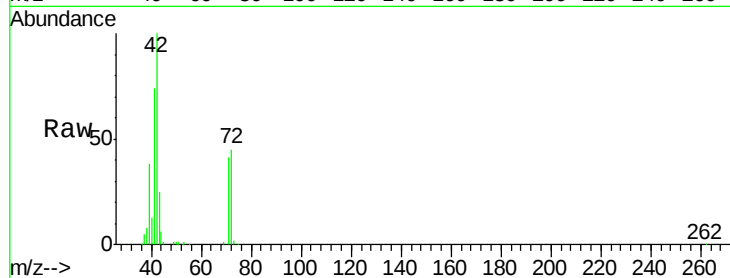




#29
Tetrahydrofuran
Concen: 2233.850 ug/l
RT: 6.46 min Scan# 511
Delta R.T. 0.01 min
Lab File: VD063406.D
Acq: 6 Aug 2019 18:33

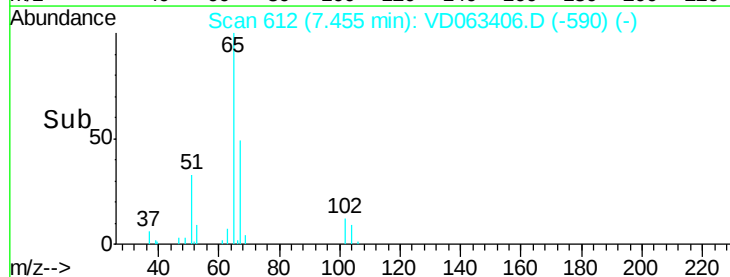
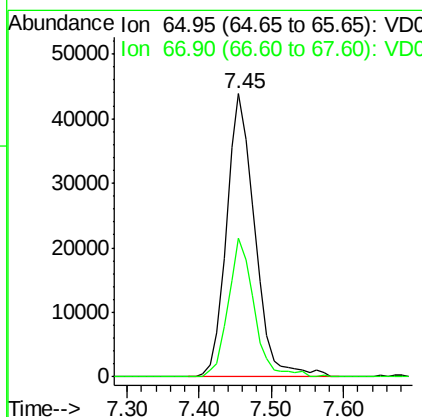
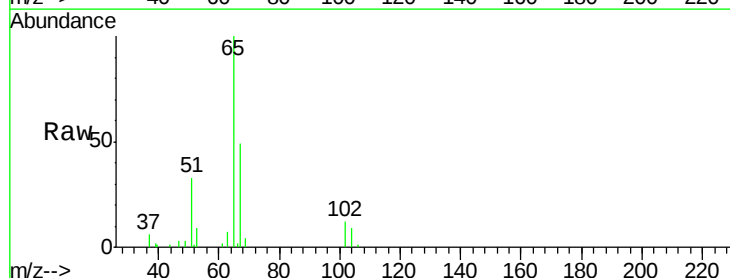
Instrument :
MSVOA_D
ClientSampleId :
CP-MW3-S-8-12-SOILRE

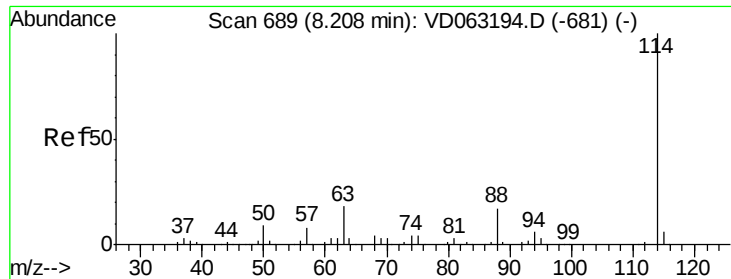
Tot Ion: 42 Resp: 301179
Ion Ratio Lower Upper
42 100
72 43.6 33.4 50.2
71 45.5 35.7 53.5



#33
1,2-Dichloroethane-d4
Concen: 81.952 ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.01 min
Lab File: VD063406.D
Acq: 6 Aug 2019 18:33

Tgt Ion: 65 Resp: 119351
Ion Ratio Lower Upper
65 100
67 49.2 0.0 85.8

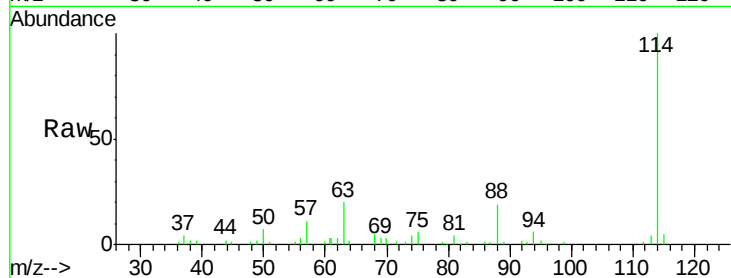




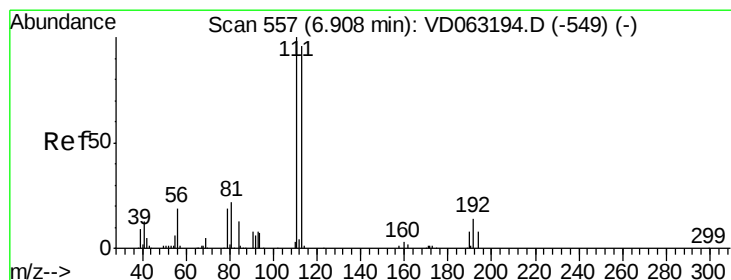
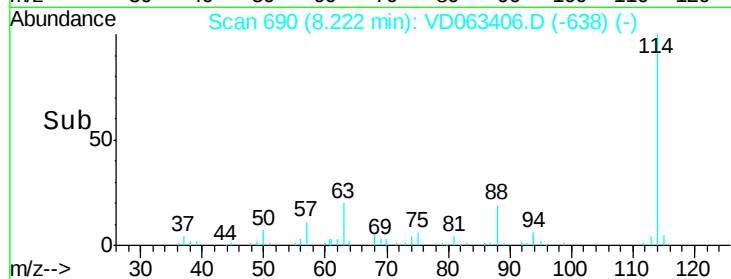
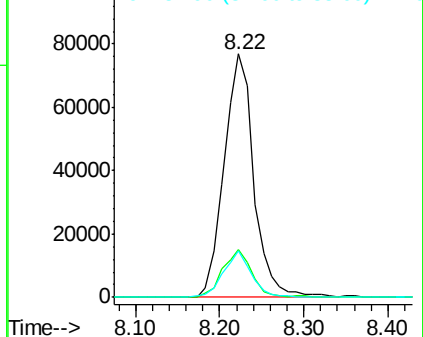
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.01 min
 Lab File: VD063406.D
 Acq: 6 Aug 2019 18:33

Instrument :
 MSVOA_D
 ClientSampleId :
 CP-MW3-S-8-12-SOILRE

Tot Ion:114 Resp: 187837
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 35.2
 88 18.9 0.0 34.6

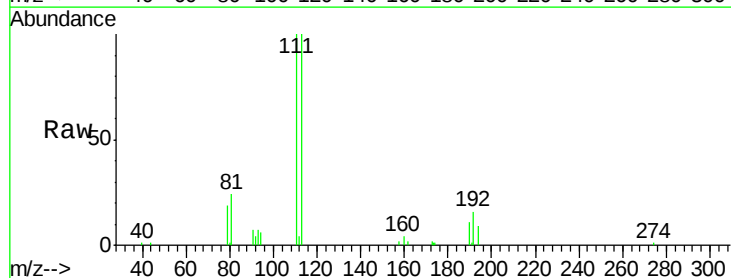


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

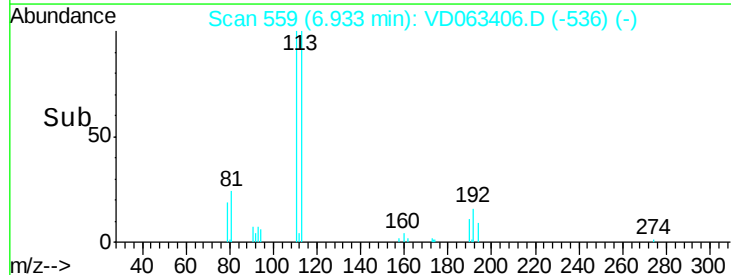
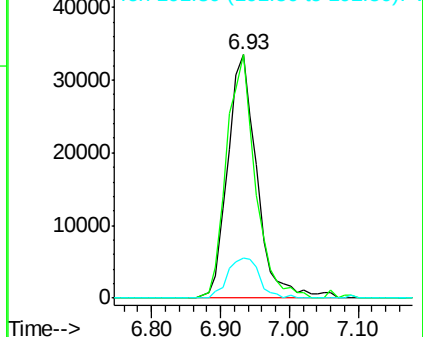


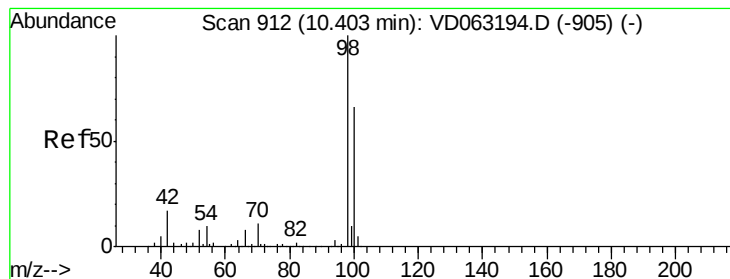
#35
 Dibromofluoromethane
 Concen: 61.457 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.02 min
 Lab File: VD063406.D
 Acq: 6 Aug 2019 18:33

Tgt Ion:113 Resp: 98561
 Ion Ratio Lower Upper
 113 100
 111 99.8 83.2 124.8
 192 16.3 11.8 17.8



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: 40.973 ug/l

RT: 10.42 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD063406.D

Acq: 6 Aug 2019 18:33

Instrument :

MSVOA_D

ClientSampleId :

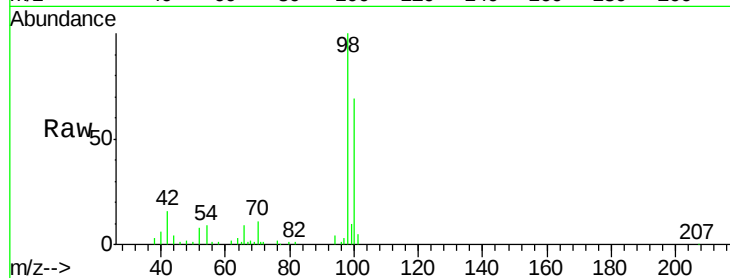
CP-MW3-S-8-12-SOILRE

Tot Ion: 98 Resp: 147058

Ion Ratio Lower Upper

98 100

100 69.3 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

10.42

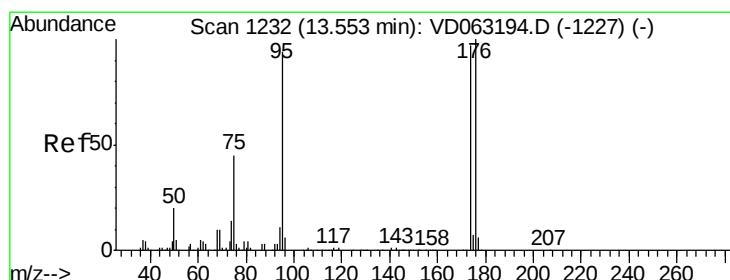
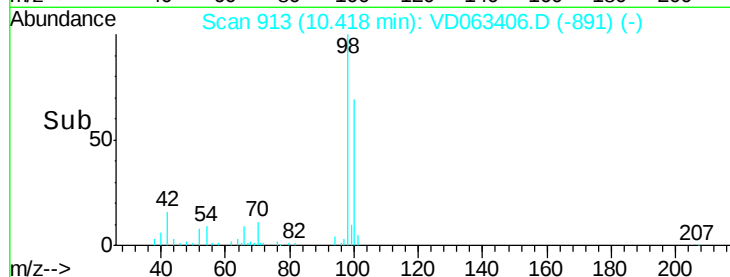
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 36.394 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD063406.D

Acq: 6 Aug 2019 18:33

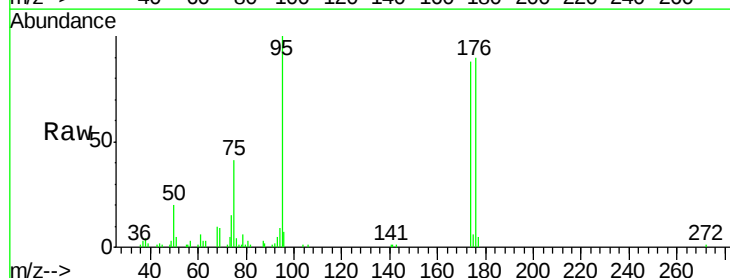
Tgt Ion: 95 Resp: 59525

Ion Ratio Lower Upper

95 100

174 88.4 0.0 205.4

176 90.0 0.0 211.8



Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

13.56

60000

50000

40000

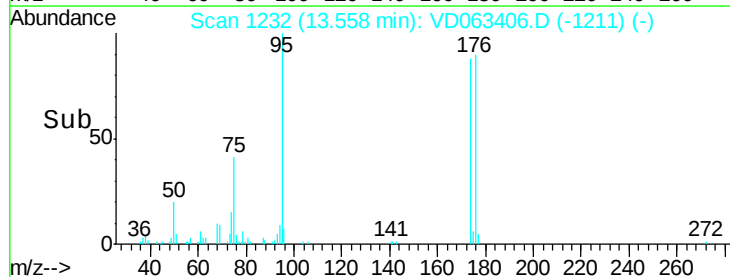
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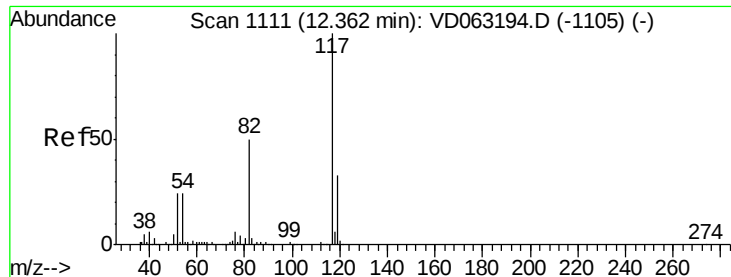
20000

10000

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Time-->

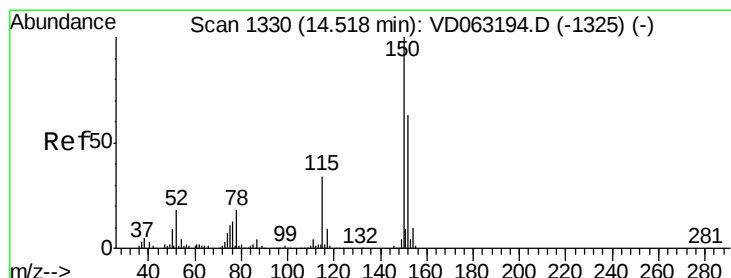
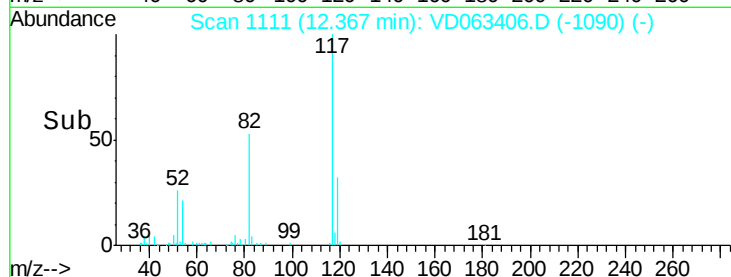
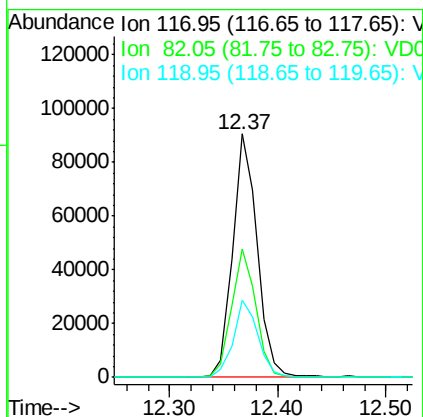
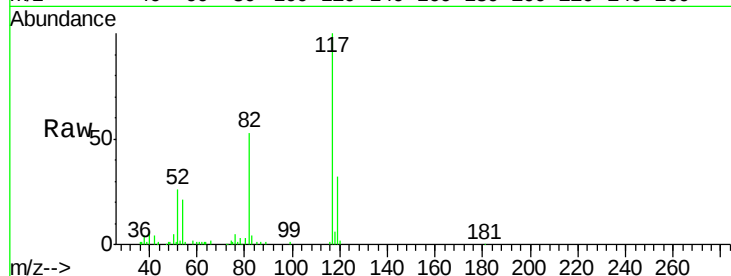




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063406.D
Acq: 6 Aug 2019 18:33

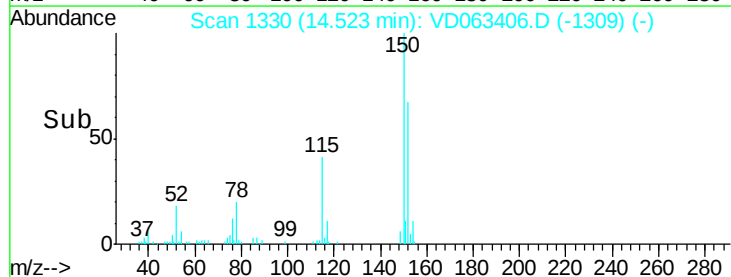
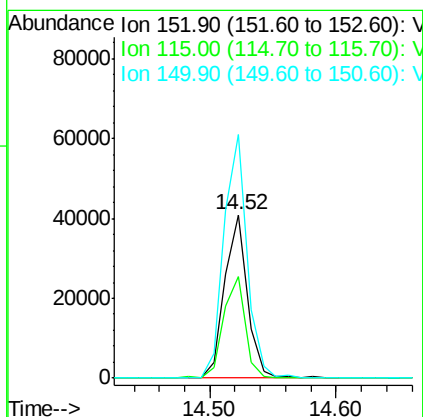
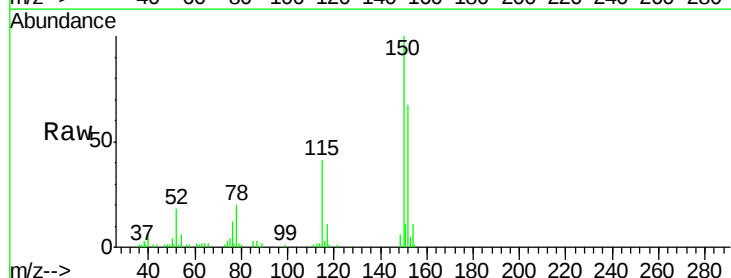
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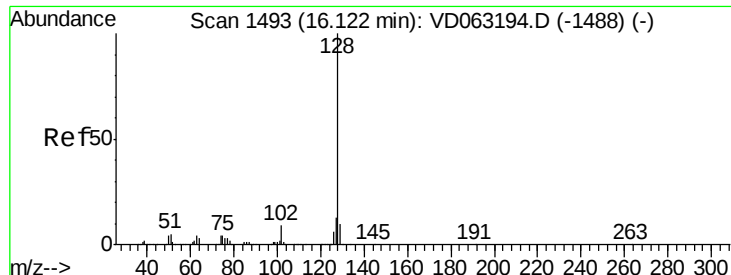
Tot Ion:117 Resp: 142731
Ion Ratio Lower Upper
117 100
82 52.5 40.1 60.1
119 31.7 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD063406.D
Acq: 6 Aug 2019 18:33

Tgt Ion:152 Resp: 50597
Ion Ratio Lower Upper
152 100
115 61.9 27.5 82.4
150 149.2 0.0 320.6





#95

Naphthalene

Concen: 2.549 ug/l

RT: 16.13 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VD063406.D

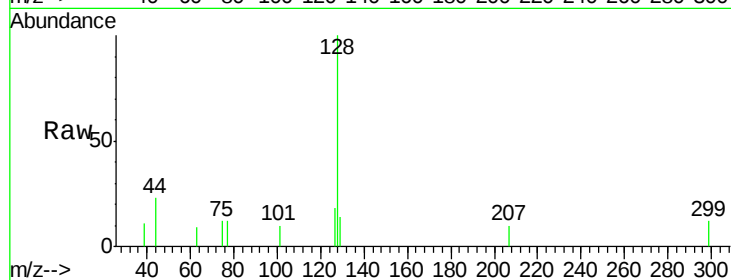
Acq: 6 Aug 2019 18:33

Instrument :

MSVOA_D

ClientSampleId :

CP-MW3-S-8-12-SOILRE



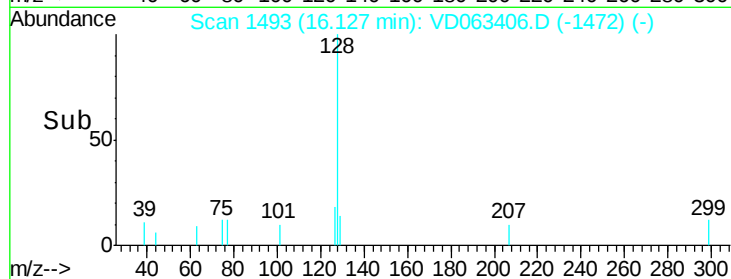
Tot Ion:128 Resp: 3990

Ion Ratio Lower Upper

128 100

127 18.2 10.2 15.4#

129 13.5 7.8 11.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

