

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030519\
 Data File : VD060957.D
 Acq On : 5 Mar 2019 19:08
 Operator : VA/AP
 Sample : K1729-02
 Misc : 5.03g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RICH-REC-ROAD-STONE-10

Quant Time: Mar 06 04:51:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030119S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 01:28:28 2019
 Response via : Initial Calibration

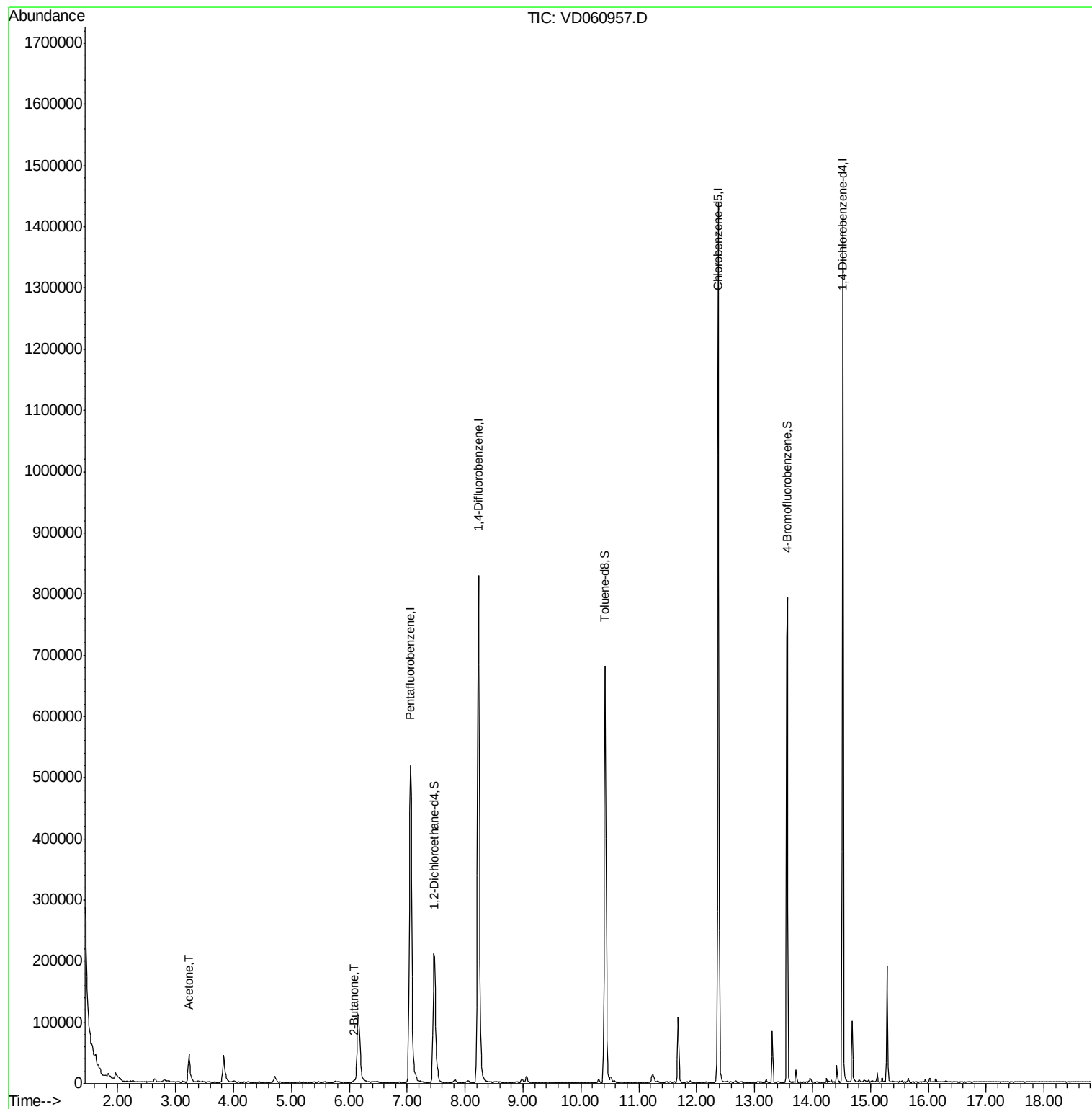
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	544911	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	971460	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	855488	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.53	152	339341	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	200306	44.47	ug/l	0.01
Spiked Amount	50.000		Recovery	=	88.94%	
35) Dibromofluoromethane	7.06	113	535	0.07	ug/l	0.14
Spiked Amount	50.000		Recovery	=	0.14%	
50) Toluene-d8	10.41	98	618659	31.92	ug/l	0.01
Spiked Amount	50.000		Recovery	=	63.84%	
62) 4-Bromofluorobenzene	13.55	95	277871	37.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.88%	
Target Compounds						
16) Acetone	3.23	43	86255	57.348	ug/l	93
25) 2-Butanone	6.08	43	9372	5.023	ug/l #	87

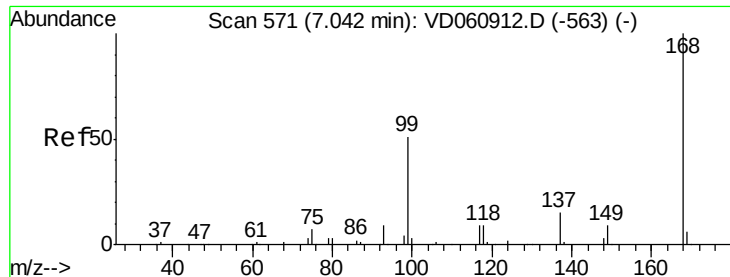
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD030519\
Data File : VD060957.D
Acq On : 5 Mar 2019 19:08
Operator : VA/AP
Sample : K1729-02
Misc : 5.03g/5ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RICH-REC-ROAD-STONE-10

Quant Time: Mar 06 04:51:05 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030119S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 02 01:28:28 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: VD060957.D

Acq: 5 Mar 2019 19:08

Instrument :

MSVOA_D

ClientSampleId :

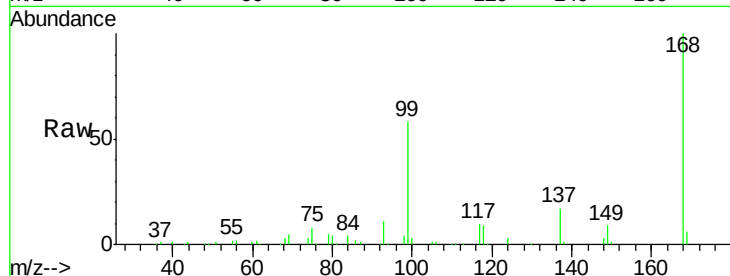
RICH-REC-ROAD-STONE-10

Tot Ion:168 Resp: 544911

Ion Ratio Lower Upper

168 100

99 58.5 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

200000

150000

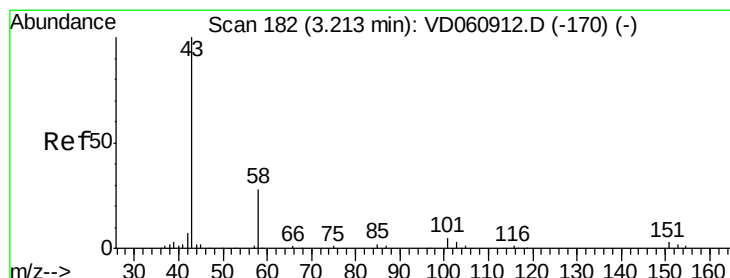
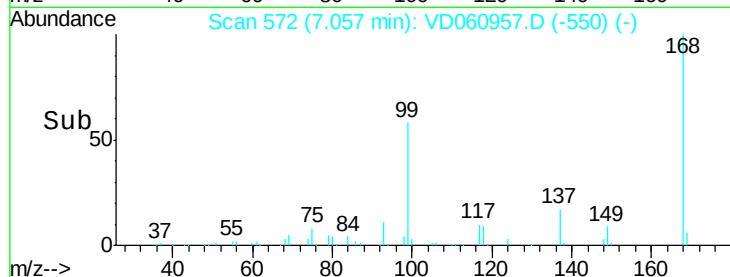
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 57.348 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD060957.D

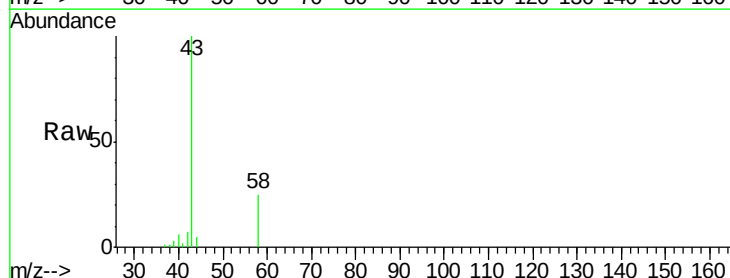
Acq: 5 Mar 2019 19:08

Tgt Ion: 43 Resp: 86255

Ion Ratio Lower Upper

43 100

58 25.0 22.8 34.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

30000

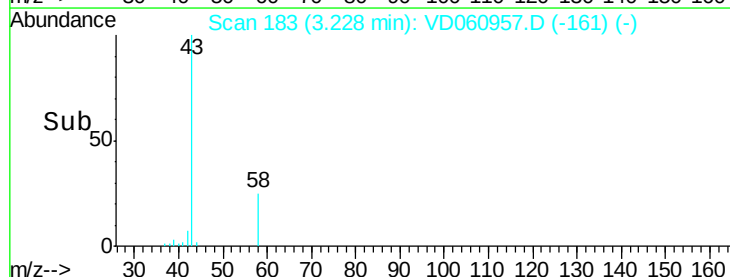
20000

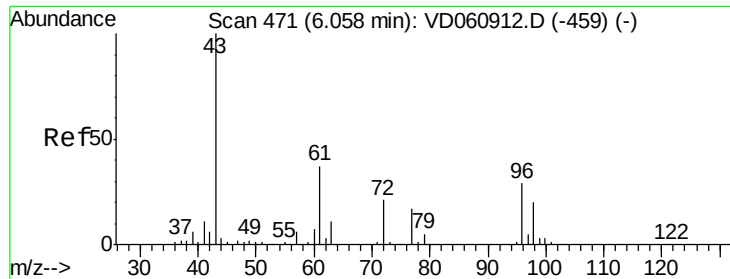
10000

0

Time-->

3.10 3.20 3.30 3.40





#25

2-Butanone

Concen: 5.023 ug/l

RT: 6.08 min Scan# 473

Delta R.T. 0.02 min

Lab File: VD060957.D

Acq: 5 Mar 2019 19:08

Instrument :

MSVOA_D

ClientSampleId :

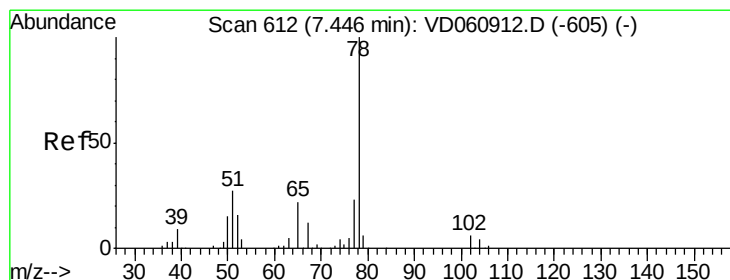
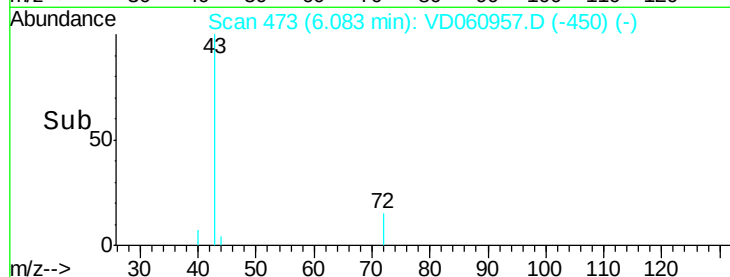
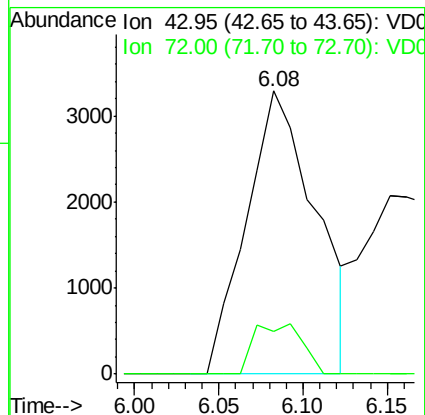
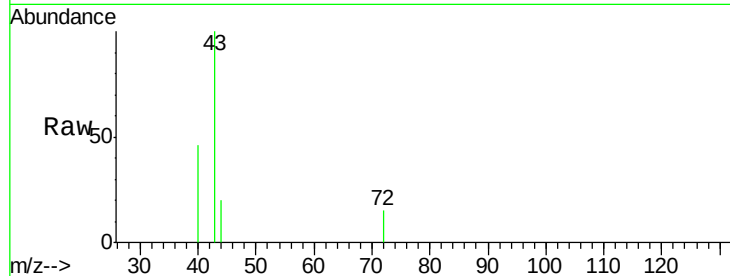
RICH-REC-ROAD-STONE-10

Tot Ion: 43 Resp: 9372

Ion Ratio Lower Upper

43 100

72 15.3 17.0 25.4#



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD060957.D

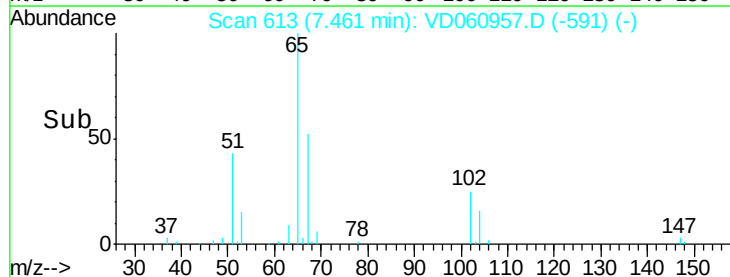
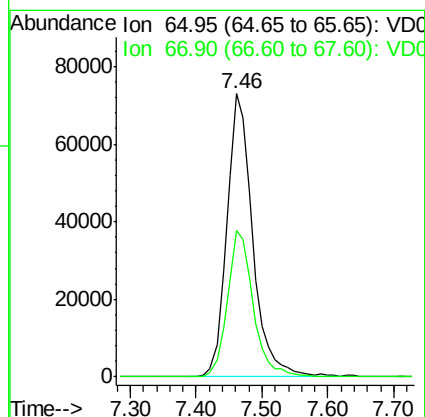
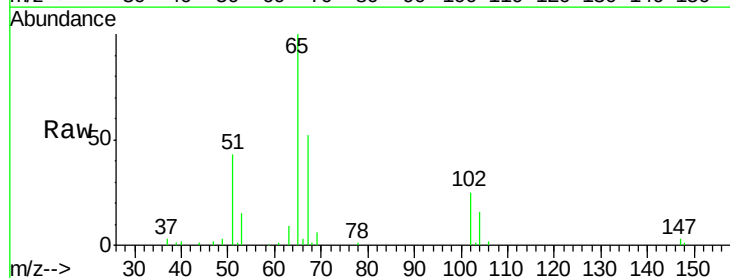
Acq: 5 Mar 2019 19:08

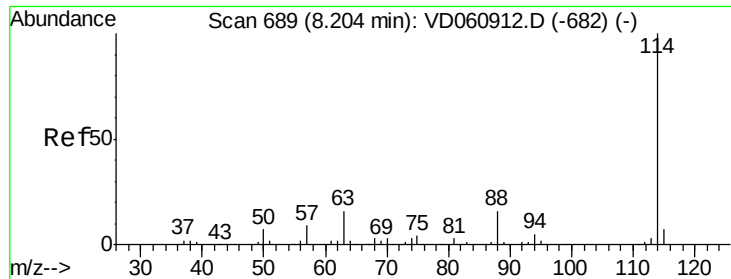
Tgt Ion: 65 Resp: 200306

Ion Ratio Lower Upper

65 100

67 51.6 0.0 109.4

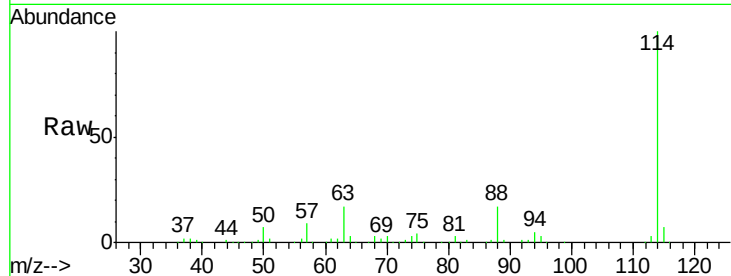




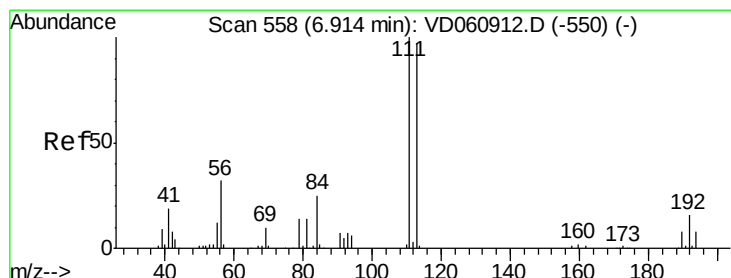
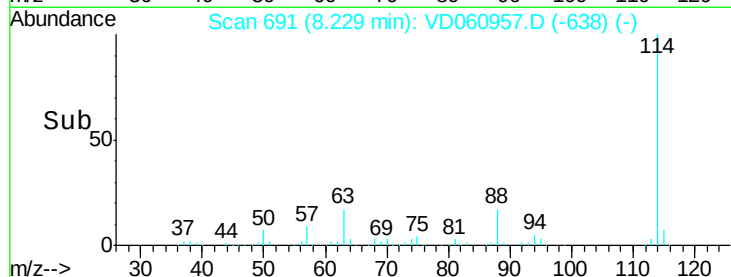
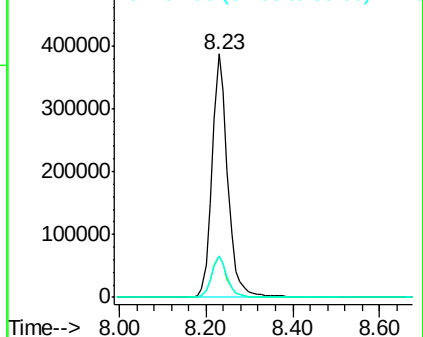
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.02 min
 Lab File: VD060957.D
 Acq: 5 Mar 2019 19:08

Instrument :
 MSVOA_D
 ClientSampleId :
 RICH-REC-ROAD-STONE-10

Tot Ion:114 Resp: 971460
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 32.0
 88 17.0 0.0 32.8

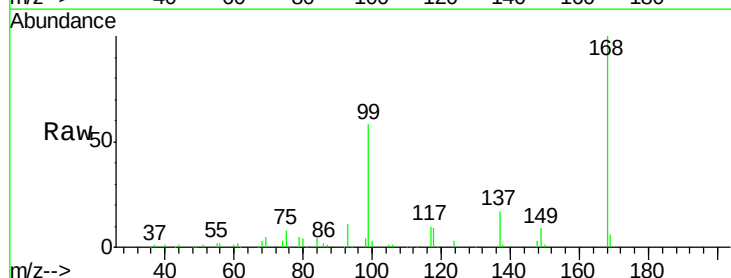


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

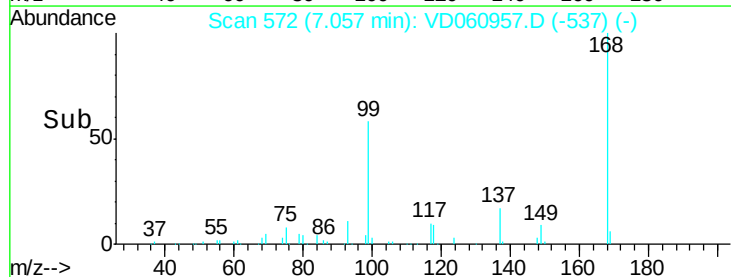
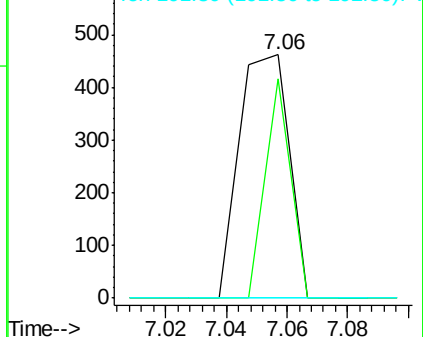


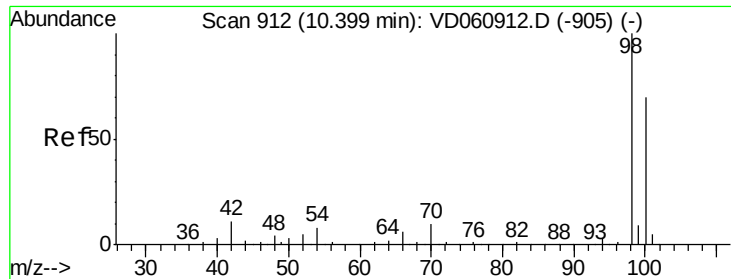
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.06 min Scan# 572
 Delta R.T. 0.14 min
 Lab File: VD060957.D
 Acq: 5 Mar 2019 19:08

Tgt Ion:113 Resp: 535
 Ion Ratio Lower Upper
 113 100
 111 90.0 82.6 124.0
 192 0.0 13.4 20.2#



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: N.D. ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD060957.D

Acq: 5 Mar 2019 19:08

Instrument :

MSVOA_D

ClientSampleId :

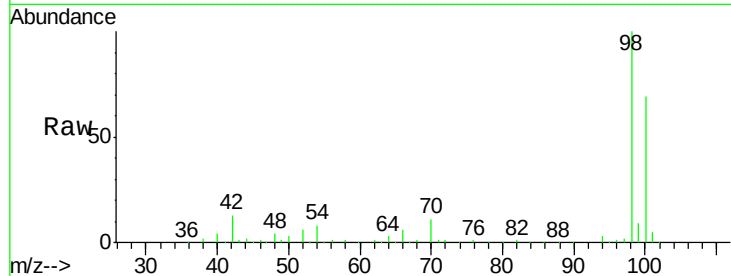
RICH-REC-ROAD-STONE-10

Tot Ion: 98 Resp: 618659

Ion Ratio Lower Upper

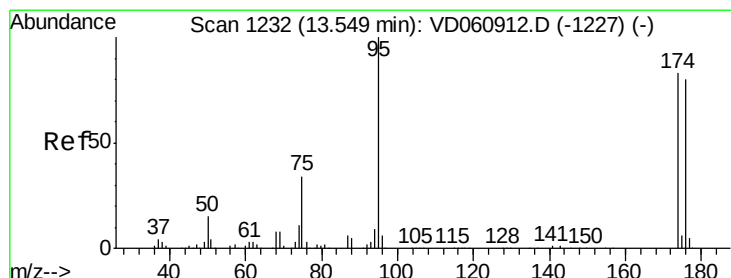
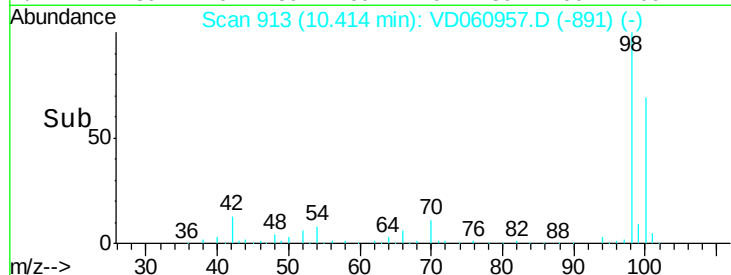
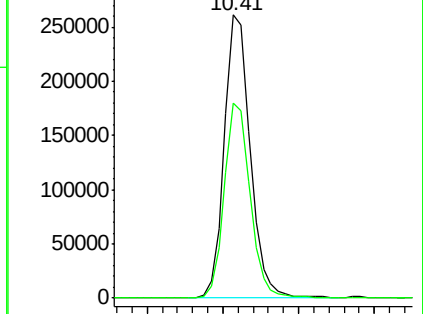
98 100

100 69.0 57.0 85.4



Abundance Ion 98.05 (97.75 to 98.75): VD060912.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD060912.D (-905) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD060957.D

Acq: 5 Mar 2019 19:08

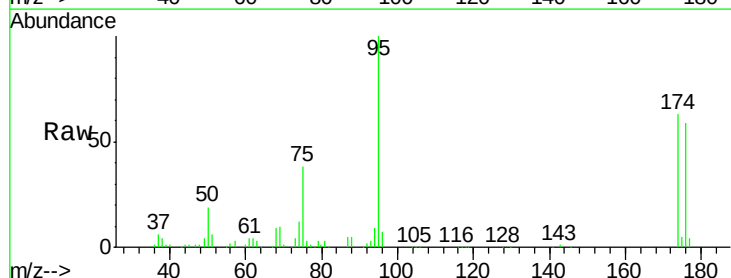
Tgt Ion: 95 Resp: 277871

Ion Ratio Lower Upper

95 100

174 62.7 0.0 165.6

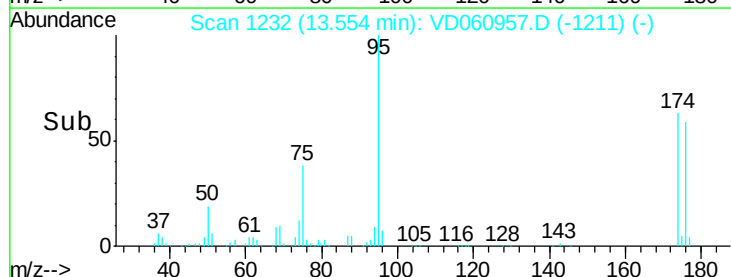
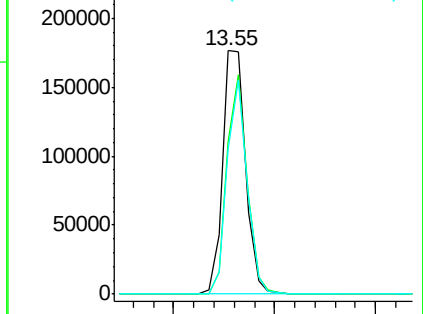
176 59.5 0.0 160.6

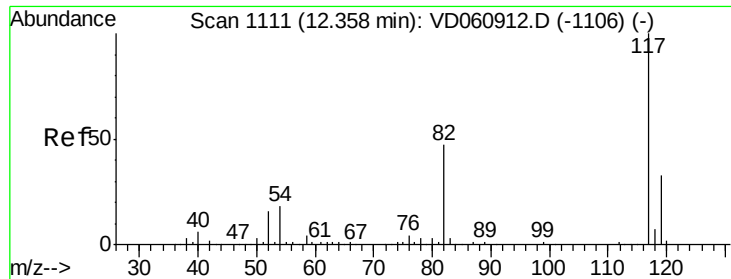


Abundance Ion 95.00 (94.70 to 95.70): VD060912.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD060912.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD060912.D (-1227) (-)

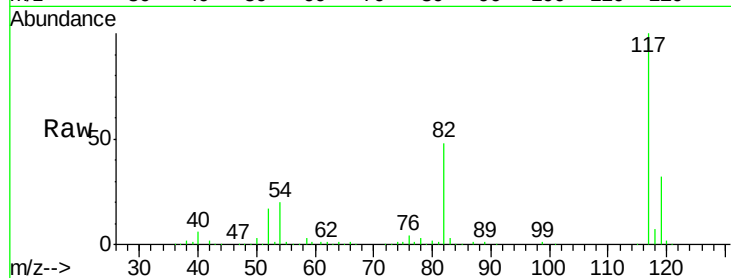




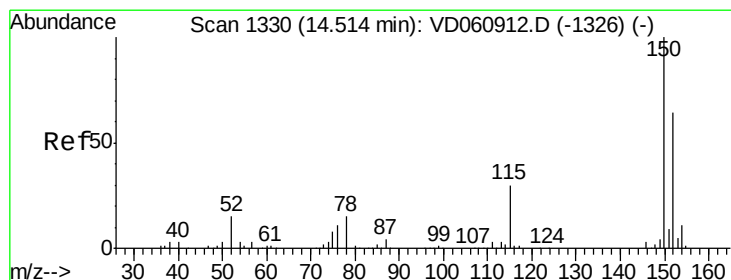
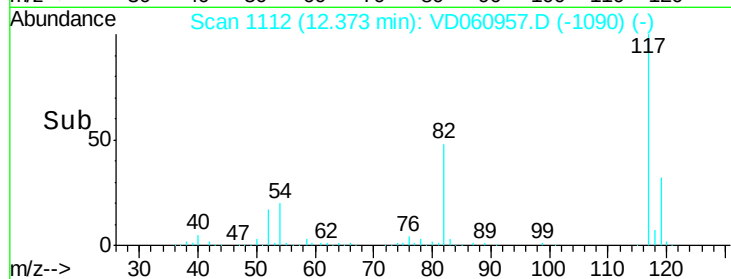
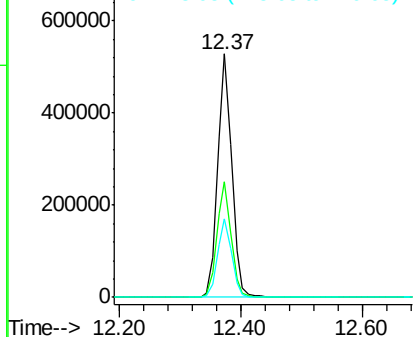
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD060957.D
Acq: 5 Mar 2019 19:08

Instrument :
MSVOA_D
ClientSampleId :
RICH-REC-ROAD-STONE-10

Tot Ion:117 Resp: 855488
Ion Ratio Lower Upper
117 100
82 47.5 37.5 56.3
119 32.5 26.2 39.2

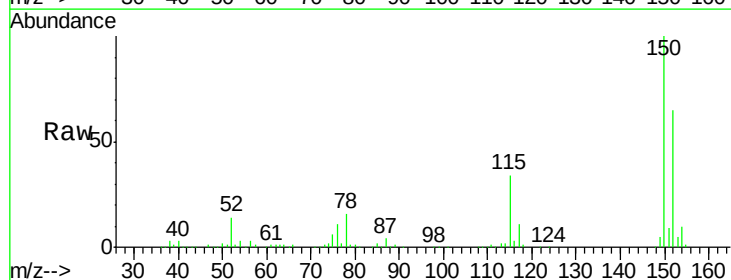


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD060957.D
Acq: 5 Mar 2019 19:08

Tgt Ion:152 Resp: 339341
Ion Ratio Lower Upper
152 100
115 53.3 27.6 82.8
150 155.0 0.0 312.8



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

