

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030619\
 Data File : VD060964.D
 Acq On : 6 Mar 2019 14:42
 Operator : VA/AP
 Sample : K1729-02RE
 Misc : 4.14g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Mar 07 06:12:28 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

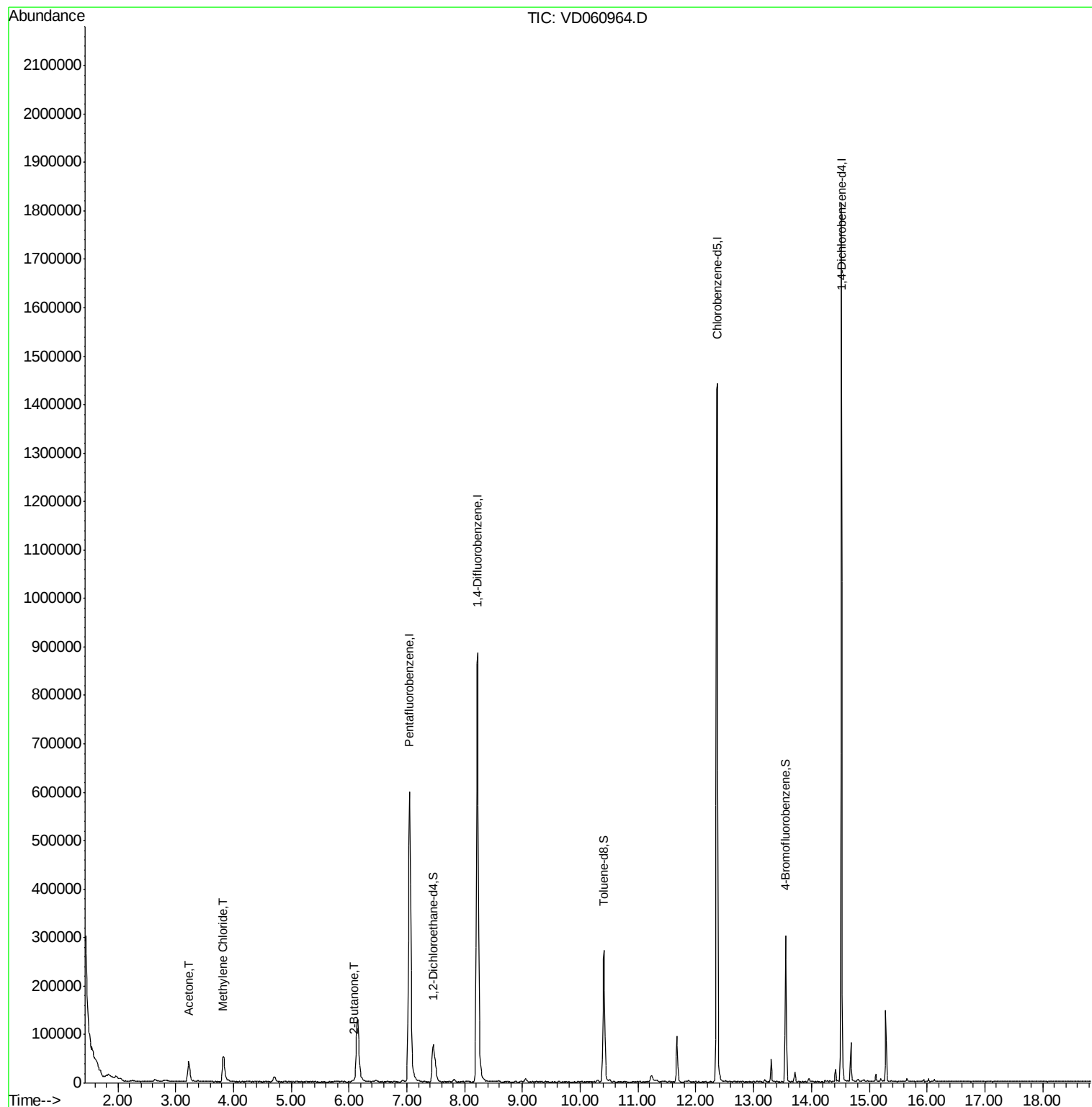
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	658839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1132241	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	981922	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	398794	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	65315	11.99	ug/l	0.01
Spiked Amount 50.000			Recovery	=	23.98%	
35) Dibromofluoromethane	6.93	113	3264	0.36	ug/l	0.01
Spiked Amount 50.000			Recovery	=	0.72%	
50) Toluene-d8	10.41	98	250039	11.07	ug/l	0.01
Spiked Amount 50.000			Recovery	=	22.14%	
62) 4-Bromofluorobenzene	13.55	95	101873	11.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	23.88%	
Target Compounds						
16) Acetone	3.22	43	80271	44.140	ug/l	99
20) Methylene Chloride	3.81	84	42353	1.376	ug/l	92
25) 2-Butanone	6.08	43	7432	3.294	ug/l #	86

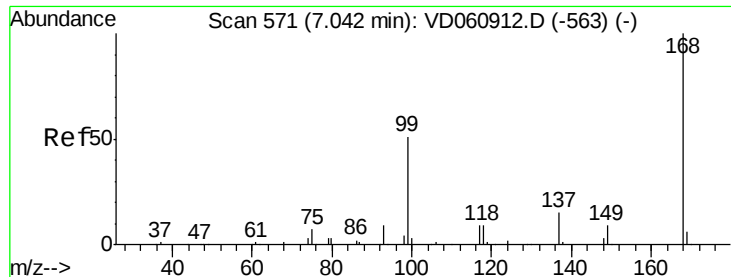
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD030619\
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Quant Time: Mar 07 06:12:28 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: 7.04 min Scan# 571

Delta R.T. 0.00 min

Lab File: VD060964.D

Acq: 6 Mar 2019 14:42

Instrument :

MSVOA_D

ClientSampleId :

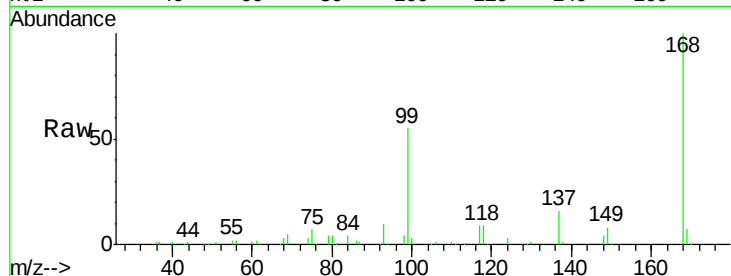
RICH-REC-ROAD-STONE-10RE

Tot Ion:168 Resp: 658839

Ion Ratio Lower Upper

168 100

99 55.2 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

250000

200000

150000

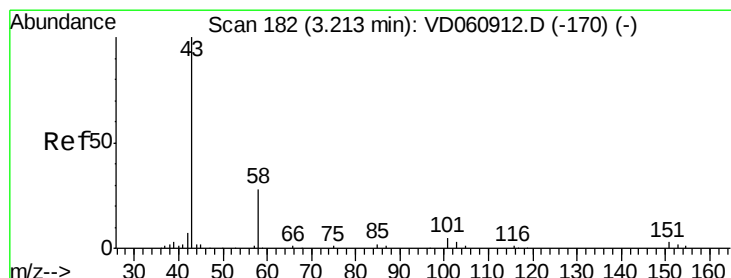
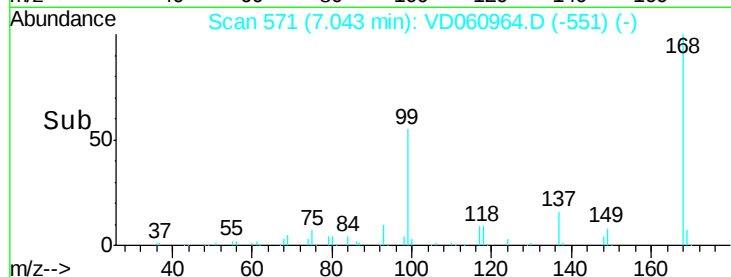
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 44.140 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD060964.D

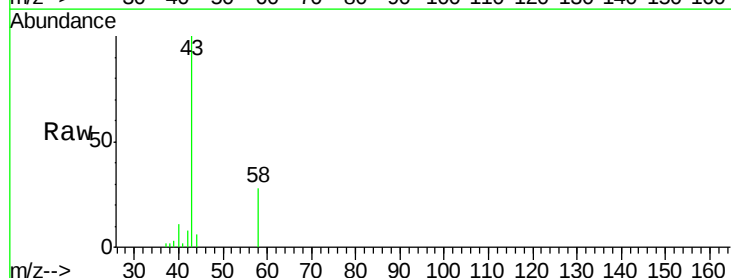
Acq: 6 Mar 2019 14:42

Tgt Ion: 43 Resp: 80271

Ion Ratio Lower Upper

43 100

58 28.1 22.8 34.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

30000

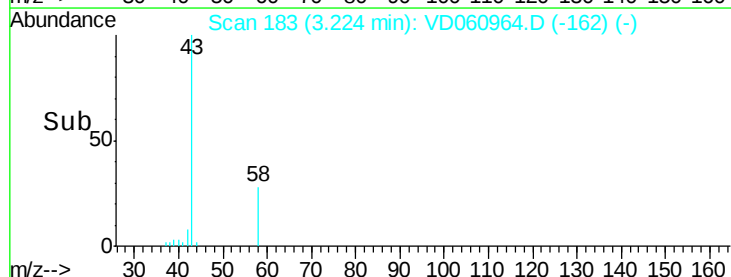
20000

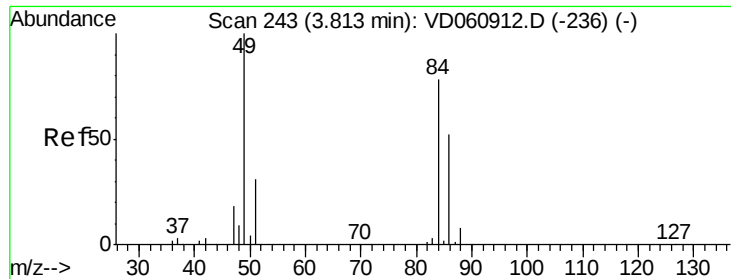
10000

0

3.10 3.20 3.30 3.40

Time-->

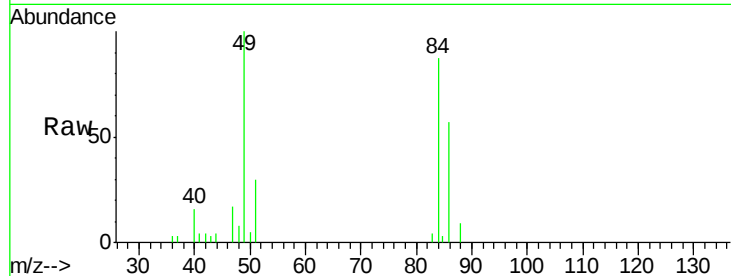




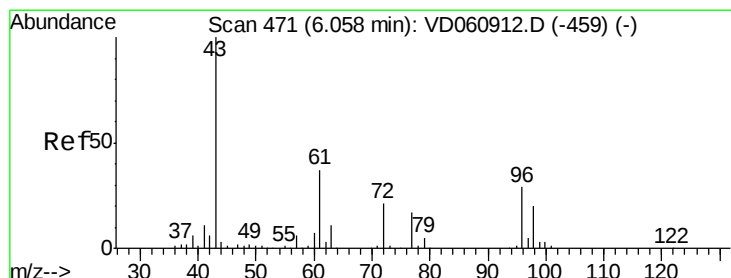
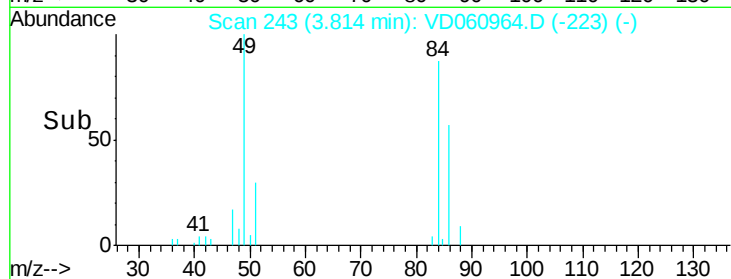
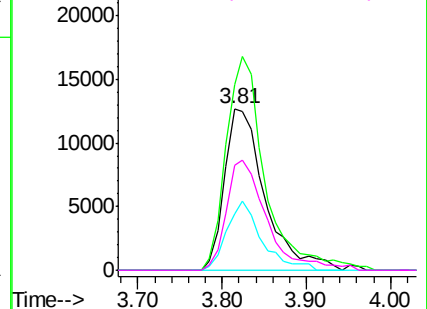
#20
Methvlene Chloride
Concen: 1.376 ug/l
RT: 3.81 min Scan# 243
Delta R.T. 0.00 min
Lab File: VD060964.D
Acq: 6 Mar 2019 14:42

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

Tot Ion: 84 Resp: 42353
Ion Ratio Lower Upper
84 100
49 114.8 102.4 153.6
51 34.7 31.9 47.9
86 65.0 53.1 79.7

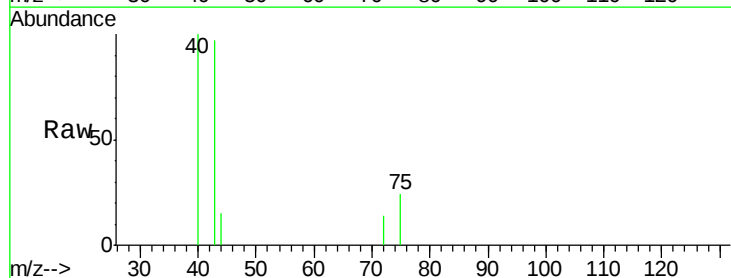


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

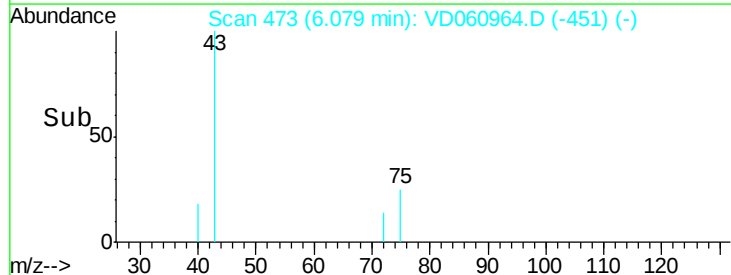
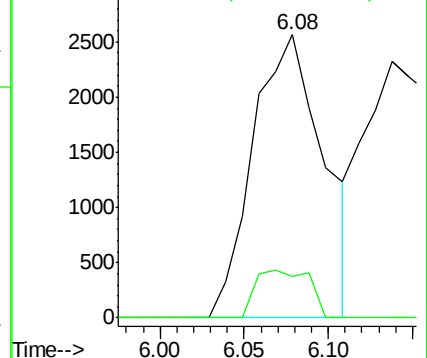


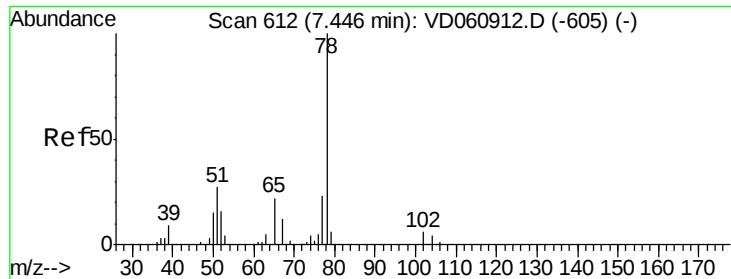
#25
2-Butanone
Concen: 3.294 ug/l
RT: 6.08 min Scan# 473
Delta R.T. 0.02 min
Lab File: VD060964.D
Acq: 6 Mar 2019 14:42

Tgt Ion: 43 Resp: 7432
Ion Ratio Lower Upper
43 100
72 14.5 17.0 25.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD060964.D

Acq: 6 Mar 2019 14:42

Instrument :

MSVOA_D

ClientSampleId :

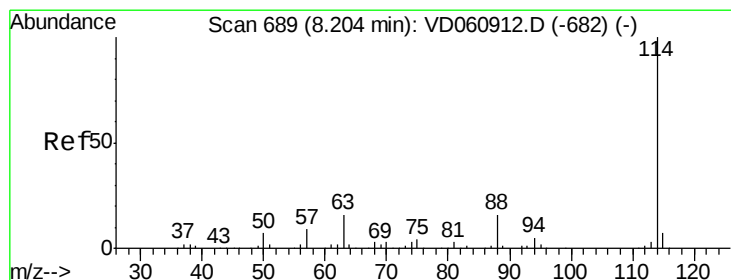
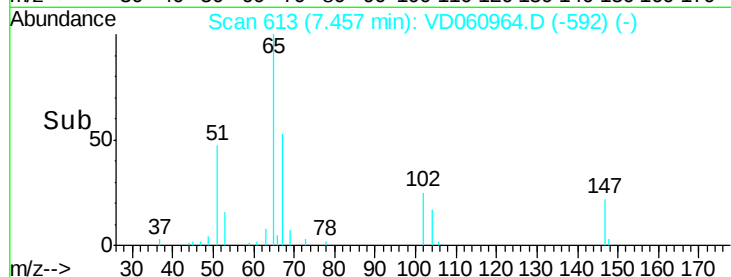
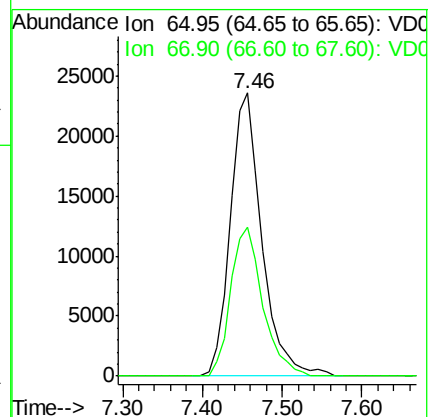
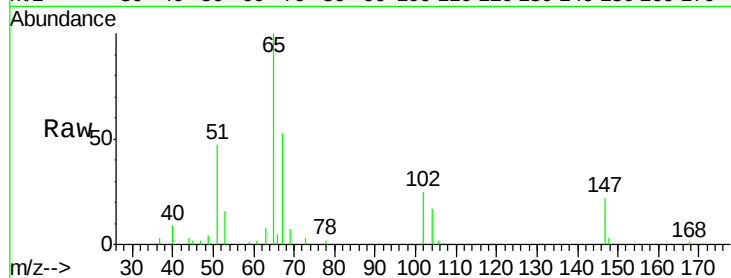
RICH-REC-ROAD-STONE-10RE

Tot Ion: 65 Resp: 65315

Ion Ratio Lower Upper

65 100

67 52.7 0.0 109.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 691

Delta R.T. 0.02 min

Lab File: VD060964.D

Acq: 6 Mar 2019 14:42

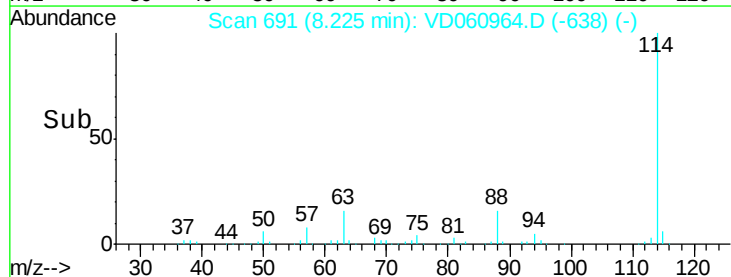
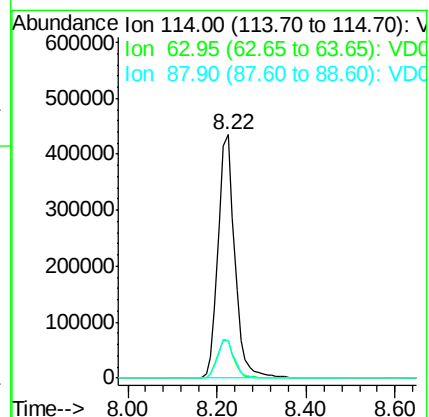
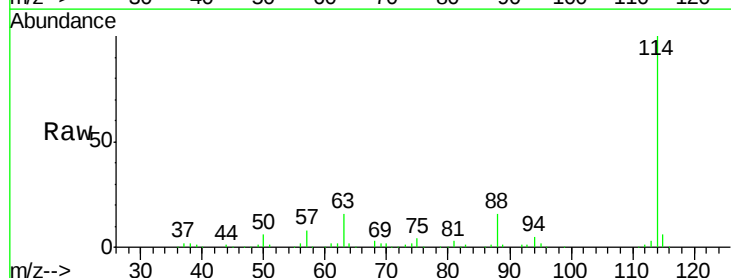
Tgt Ion: 114 Resp: 1132241

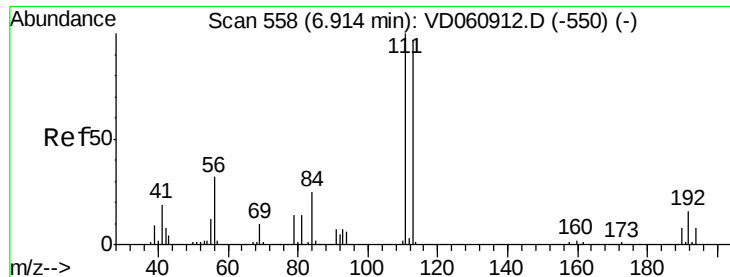
Ion Ratio Lower Upper

114 100

63 15.5 0.0 32.0

88 15.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.01 min

Lab File: VD060964.D

Acq: 6 Mar 2019 14:42

Instrument :

MSVOA_D

ClientSampleId :

RICH-REC-ROAD-STONE-10RE

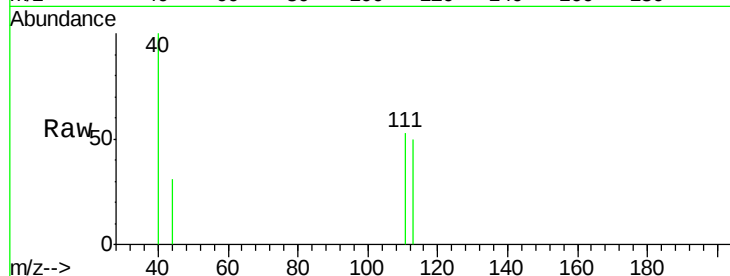
Tot Ion:113 Resp: 3264

Ion Ratio Lower Upper

113 100

111 105.4 82.6 124.0

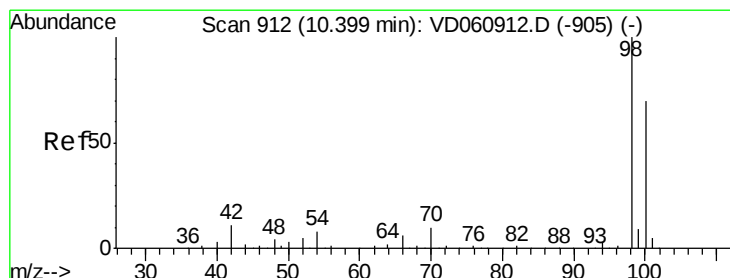
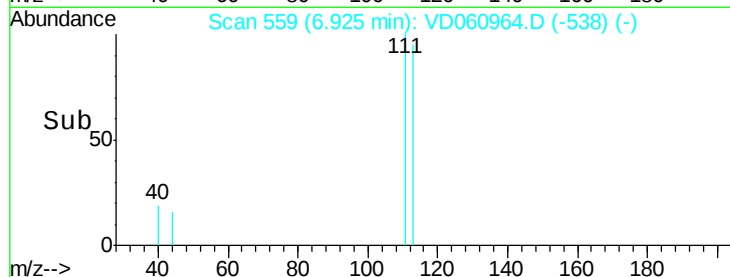
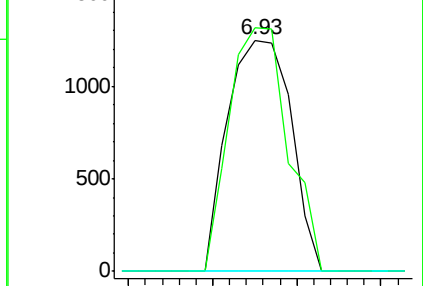
192 0.0 13.4 20.2#



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: VD060964.D

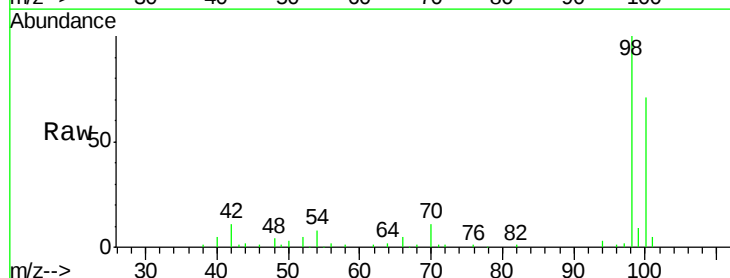
Acq: 6 Mar 2019 14:42

Tgt Ion: 98 Resp: 250039

Ion Ratio Lower Upper

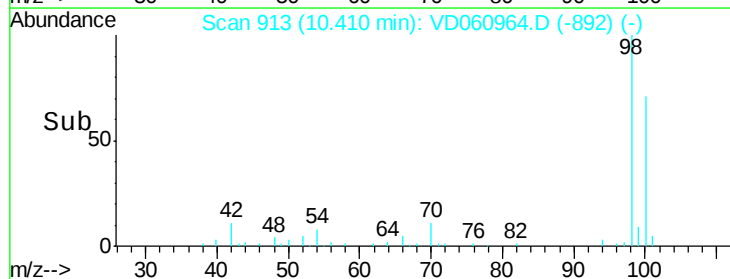
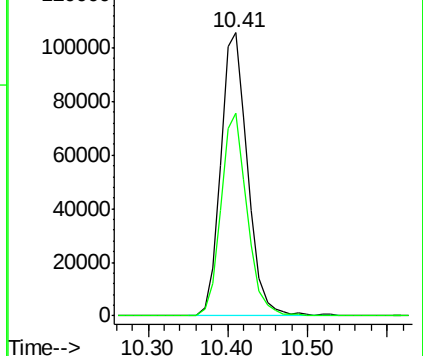
98 100

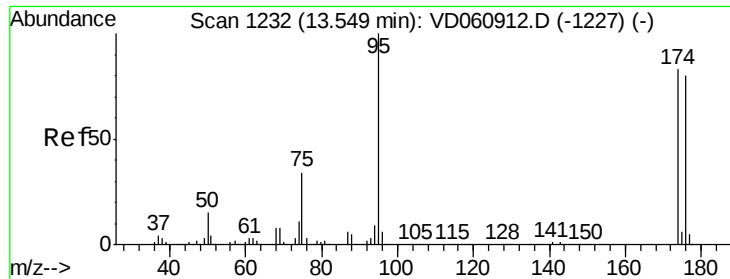
100 71.4 57.0 85.4



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD060964.D

Acq: 6 Mar 2019 14:42

Instrument :

MSVOA_D

ClientSampleId :

RICH-REC-ROAD-STONE-10RE

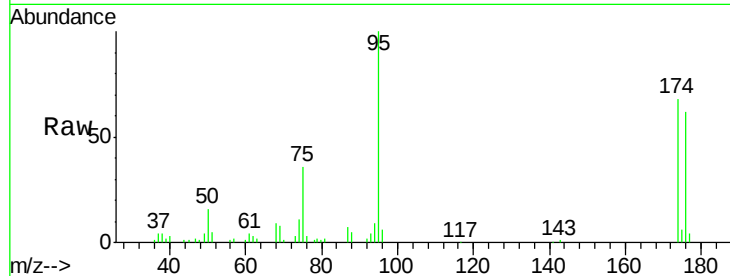
Tot Ion: 95 Resp: 101873

Ion Ratio Lower Upper

95 100

174 67.6 0.0 165.6

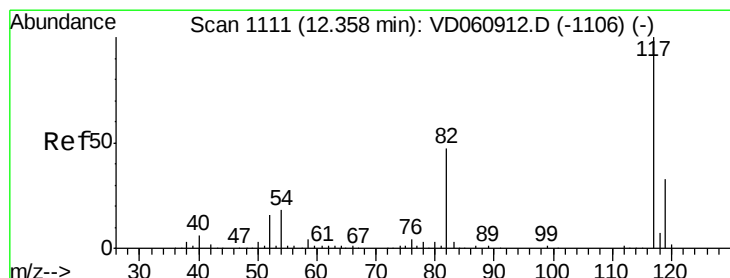
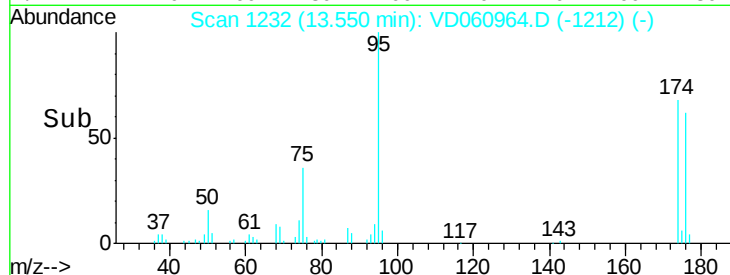
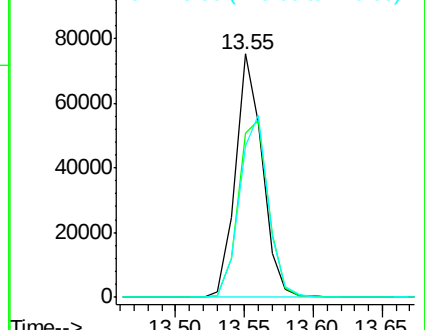
176 62.4 0.0 160.6



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. 0.01 min

Lab File: VD060964.D

Acq: 6 Mar 2019 14:42

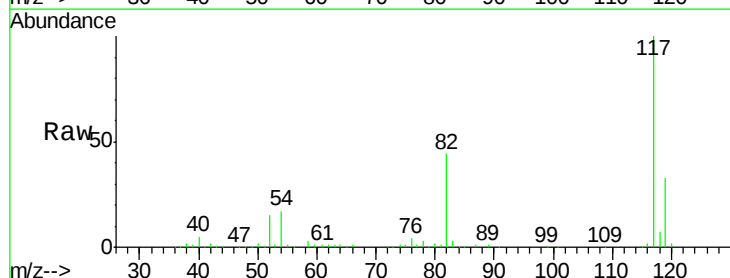
Tgt Ion: 117 Resp: 981922

Ion Ratio Lower Upper

117 100

82 44.2 37.5 56.3

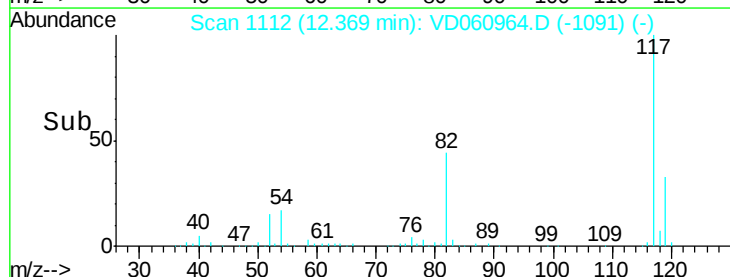
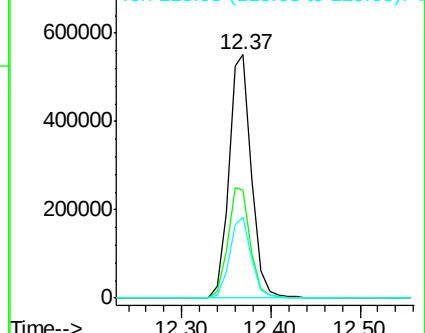
119 33.1 26.2 39.2

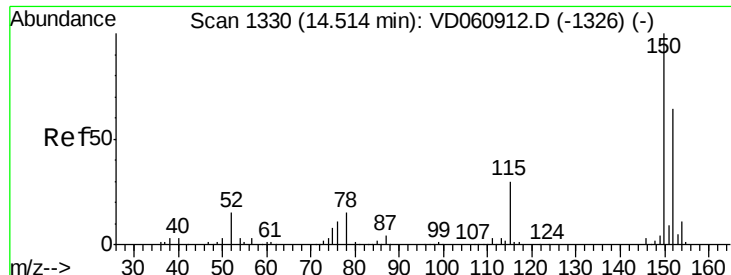


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

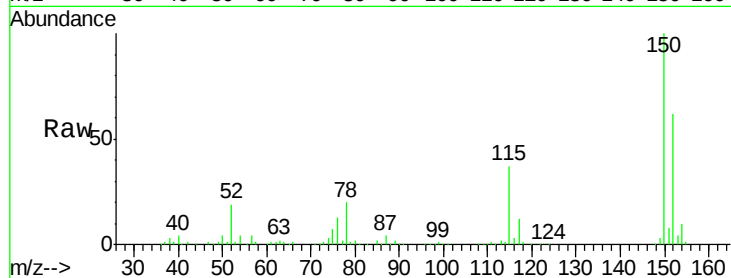




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VD060964.D
 Acq: 6 Mar 2019 14:42

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

Tot Ion:152 Resp: 398794
 Ion Ratio Lower Upper
 152 100
 115 60.1 27.6 82.8
 150 160.4 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

