

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040419\
 Data File : VD061597.D
 Acq On : 4 Apr 2019 23:41
 Operator : VA/AP
 Sample : K2232-02
 Misc : 3.88g/5ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RICH-REC-ROAD-STONE-12

Quant Time: Apr 05 02:24:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

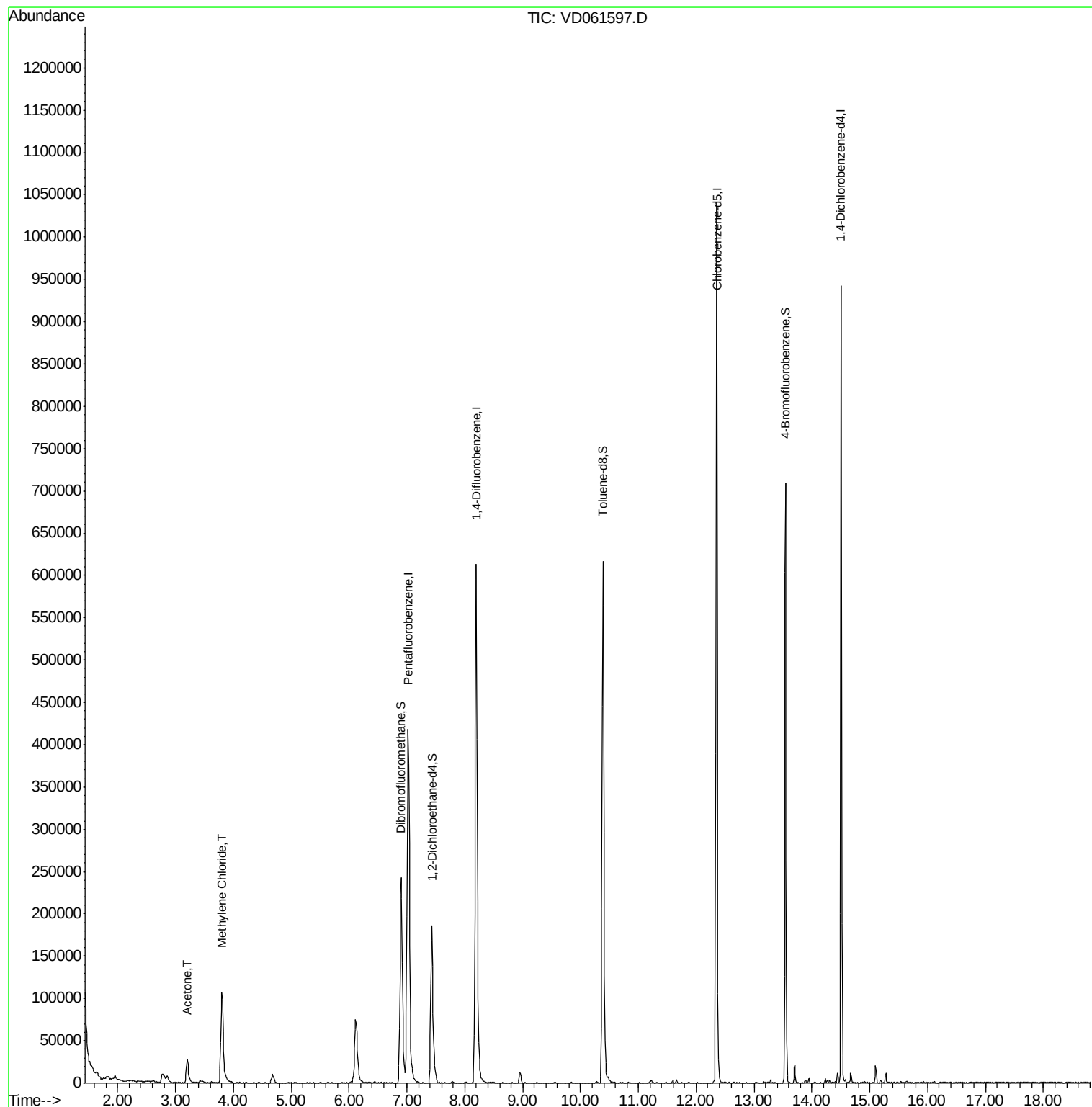
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	440136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	772957	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	676647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	241426	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	183458	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.58%	
35) Dibromofluoromethane	6.90	113	239702	40.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.16%	
50) Toluene-d8	10.38	98	562357	39.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.38%	
62) 4-Bromofluorobenzene	13.54	95	228342	42.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.06%	
Target Compounds						
16) Acetone	3.21	43	59437	61.496	ug/l #	86
20) Methylene Chloride	3.80	84	82701	13.887	ug/l	96

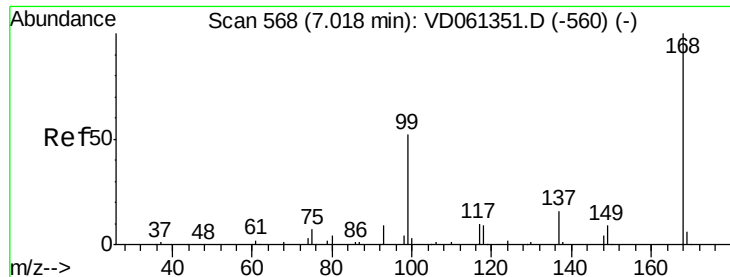
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 568

Delta R.T. 0.00 min

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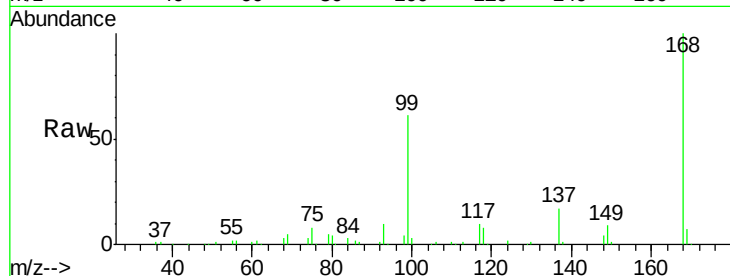
RICH-REC-ROAD-STONE-12

Tot Ion:168 Resp: 440136

Ion Ratio Lower Upper

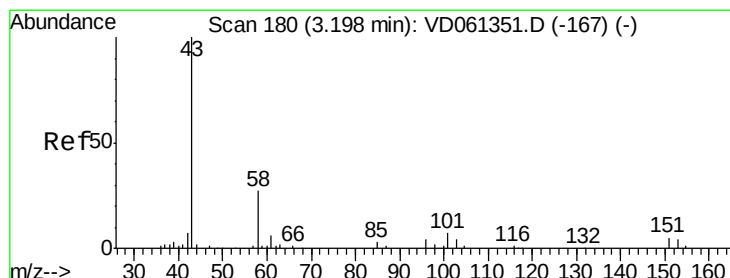
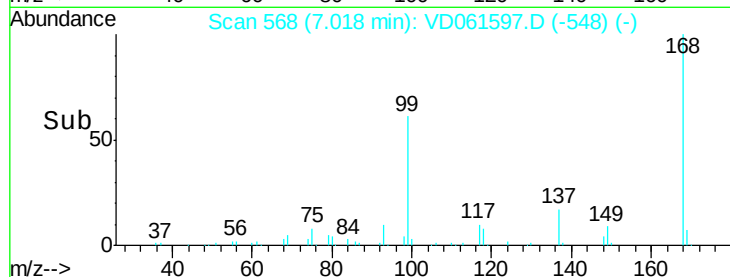
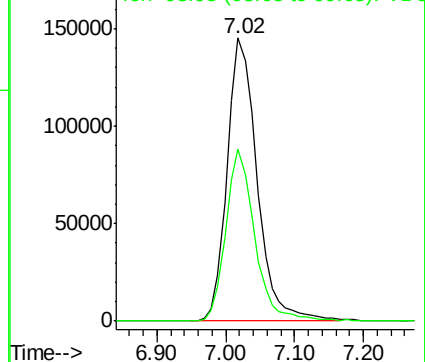
168 100

99 60.7 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 61.496 ug/l

RT: 3.21 min Scan# 181

Delta R.T. 0.01 min

Lab File: VD061597.D

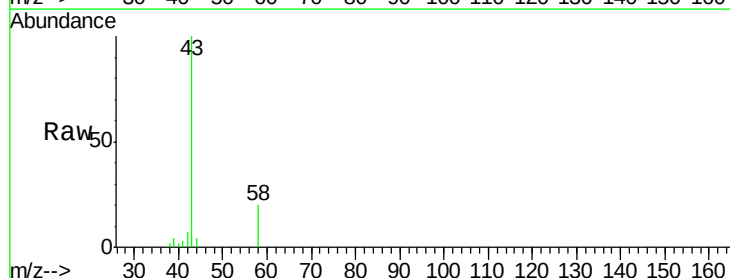
Acq: 4 Apr 2019 23:41

Tgt Ion: 43 Resp: 59437

Ion Ratio Lower Upper

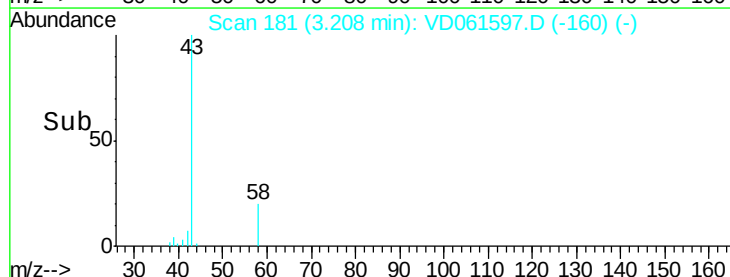
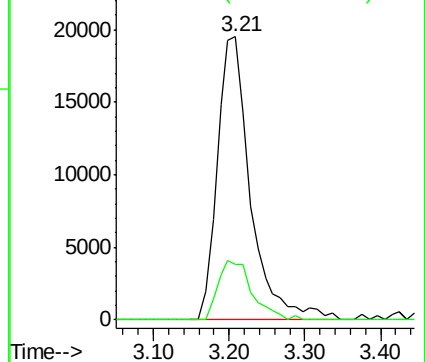
43 100

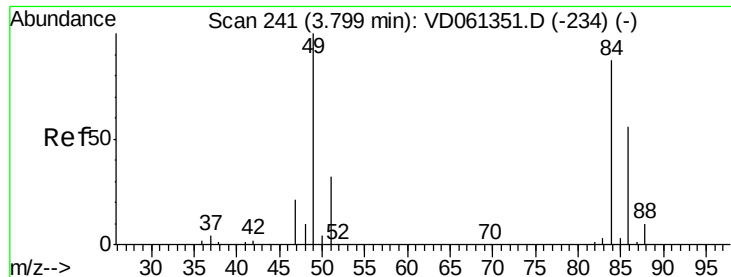
58 19.7 21.5 32.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

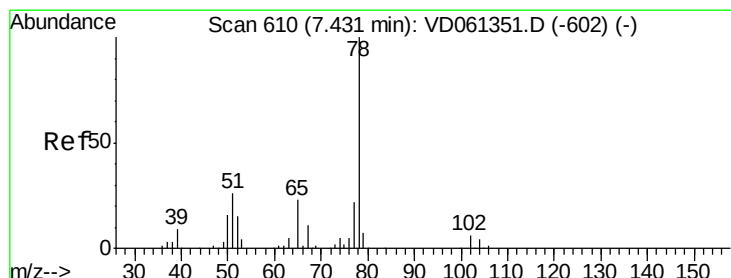
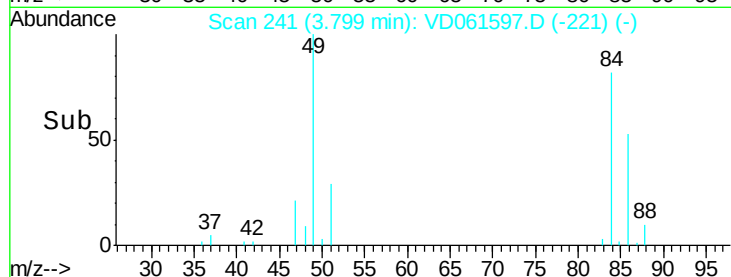
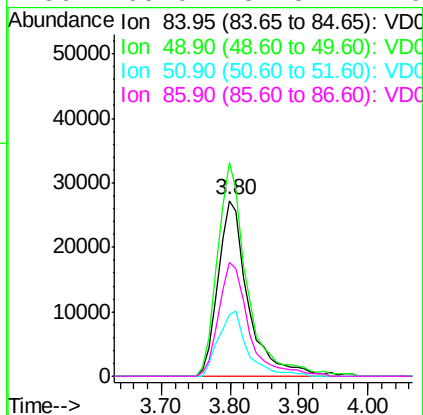
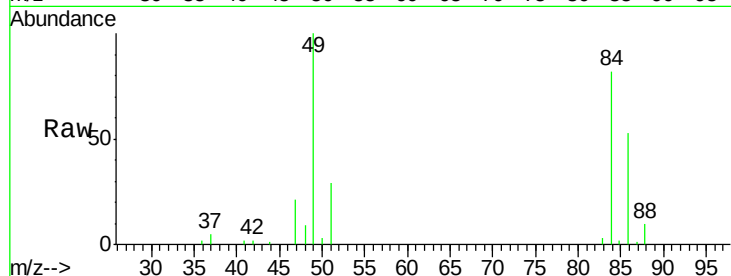




#20
Methylene Chloride
Concen: 13.887 ug/l
RT: 3.80 min Scan# 241
Delta R.T. 0.00 min
Lab File: VD061597.D
Acq: 4 Apr 2019 23:41

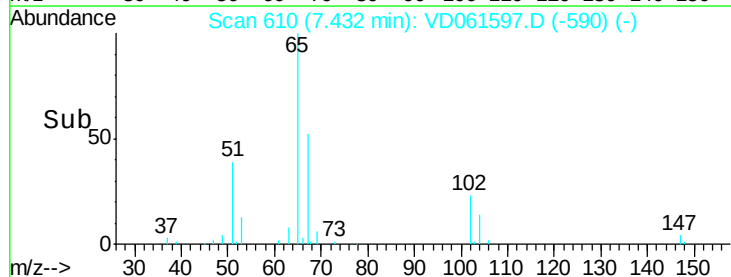
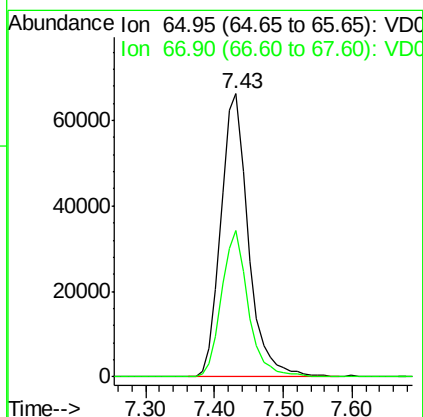
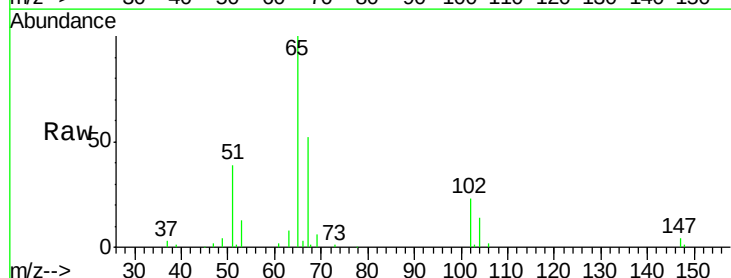
Instrument :
MSVOA_D
ClientSampleId :
RICH-REC-ROAD-STONE-12

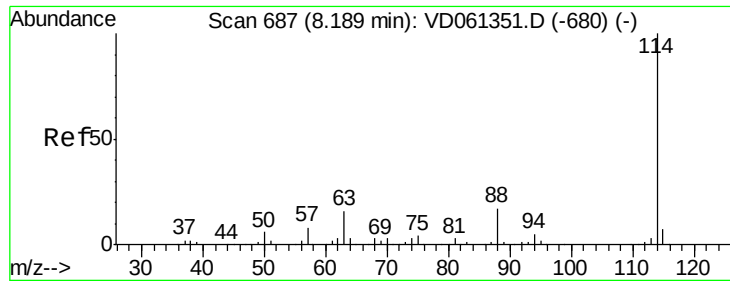
Tot Ion: 84 Resp: 82701
Ion Ratio Lower Upper
84 100
49 121.7 91.8 137.8
51 35.4 29.8 44.8
86 65.0 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.43 min Scan# 610
Delta R.T. 0.00 min
Lab File: VD061597.D
Acq: 4 Apr 2019 23:41

Tgt Ion: 65 Resp: 183458
Ion Ratio Lower Upper
65 100
67 51.8 0.0 99.8

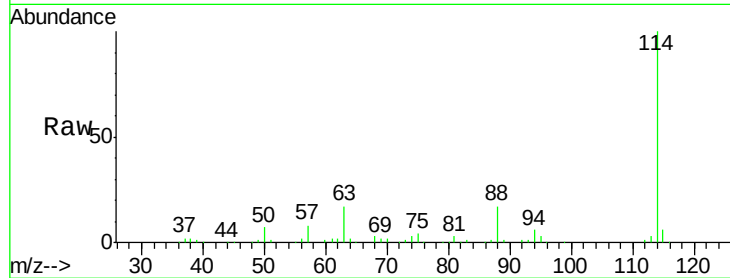




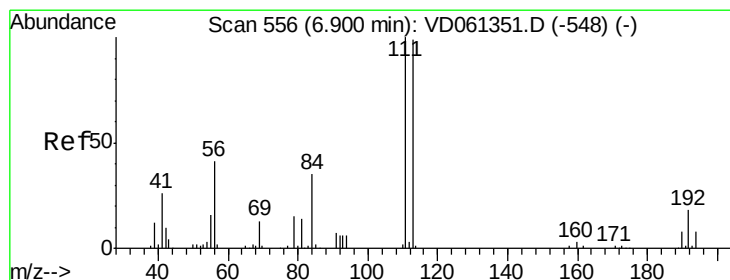
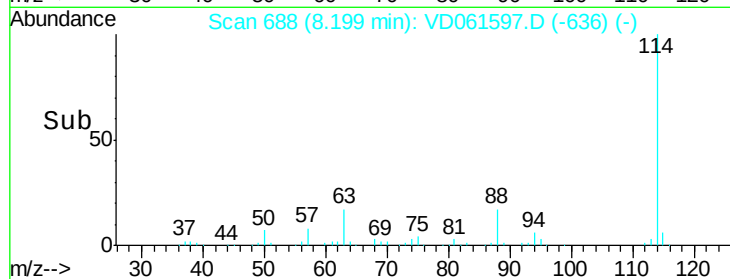
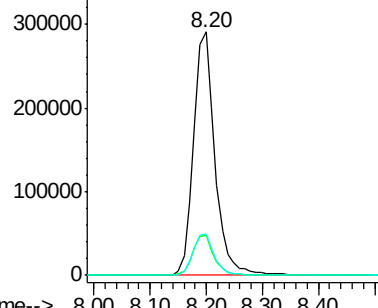
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: VD061597.D
 Acq: 4 Apr 2019 23:41

Instrument :
 MSVOA_D
 ClientSampleId :
 RICH-REC-ROAD-STONE-12

Tot Ion:114 Resp: 772957
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 31.6
 88 16.9 0.0 33.4

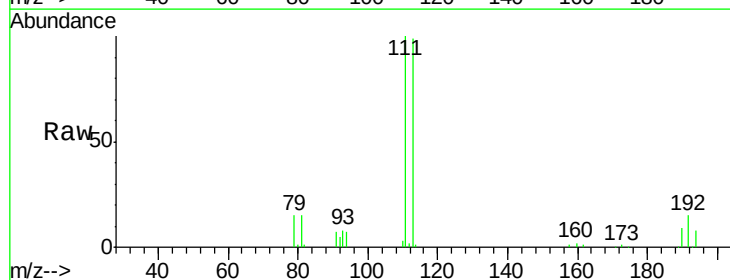


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

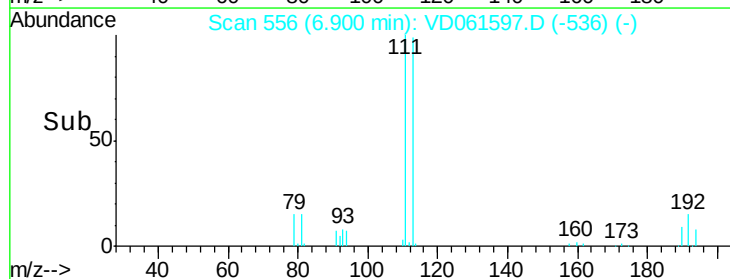
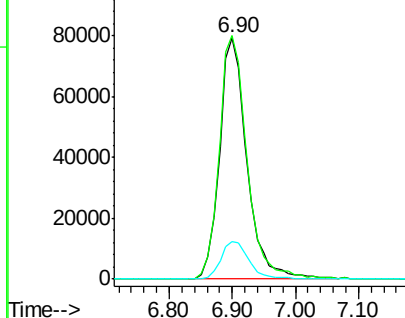


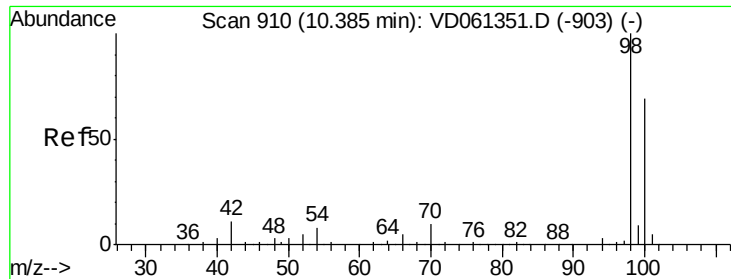
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.90 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: VD061597.D
 Acq: 4 Apr 2019 23:41

Tgt Ion:113 Resp: 239702
 Ion Ratio Lower Upper
 113 100
 111 100.8 81.0 121.6
 192 15.5 14.4 21.6



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: 10.38 min Scan# 910

Delta R.T. 0.00 min

Lab File: VD061597.D

Acq: 4 Apr 2019 23:41

Instrument :

MSVOA_D

ClientSampleId :

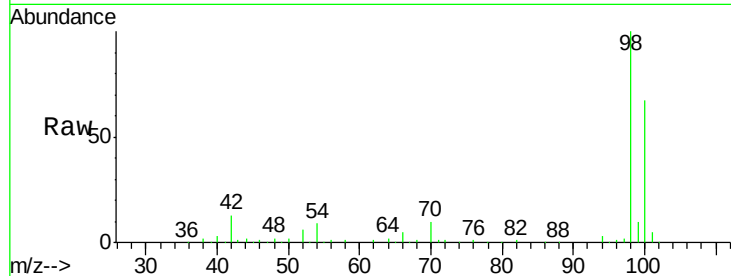
RICH-REC-ROAD-STONE-12

Tot Ion: 98 Resp: 562357

Ion Ratio Lower Upper

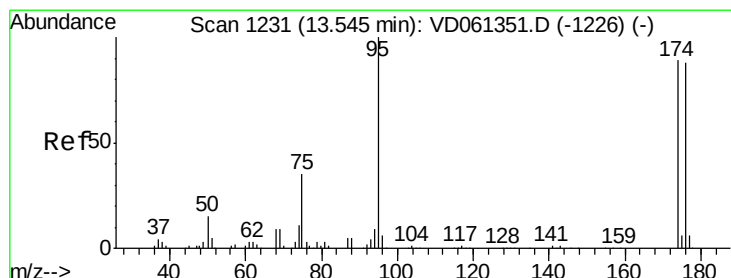
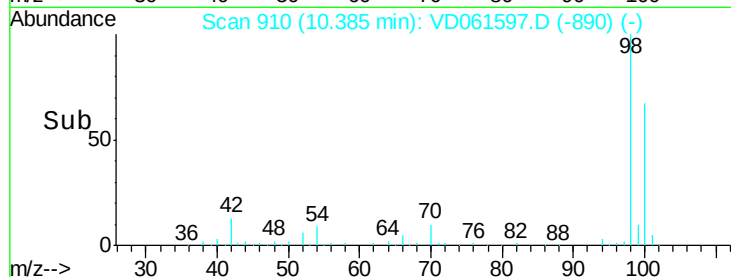
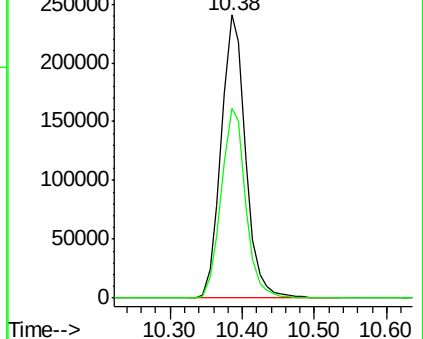
98 100

100 67.2 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): VD061351.D (-903) (-)

Ion 100.05 (99.75 to 100.75): VD061351.D (-903) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.54 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VD061597.D

Acq: 4 Apr 2019 23:41

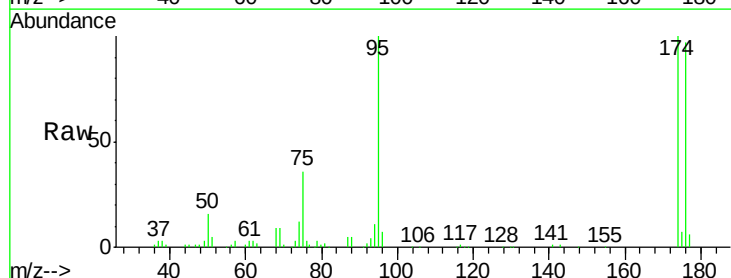
Tgt Ion: 95 Resp: 228342

Ion Ratio Lower Upper

95 100

174 100.5 0.0 178.0

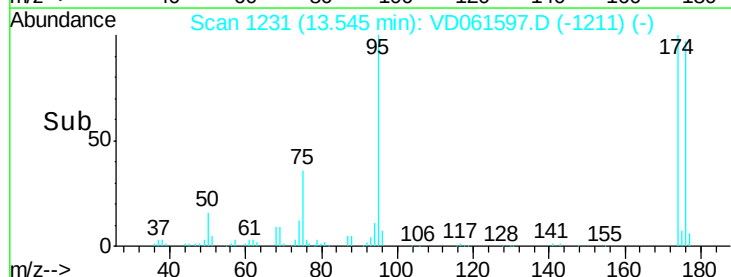
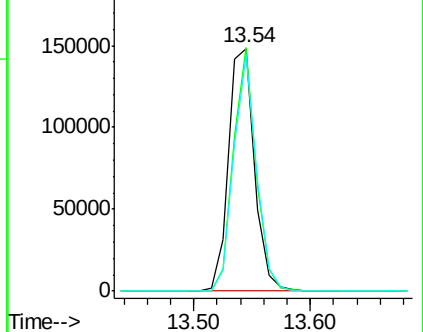
176 97.2 0.0 175.0

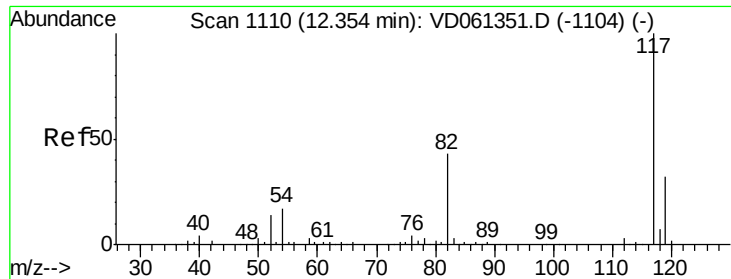


Abundance Ion 95.00 (94.70 to 95.70): VD061351.D (-1226) (-)

Ion 173.90 (173.60 to 174.60): VD061351.D (-1226) (-)

Ion 175.90 (175.60 to 176.60): VD061351.D (-1226) (-)

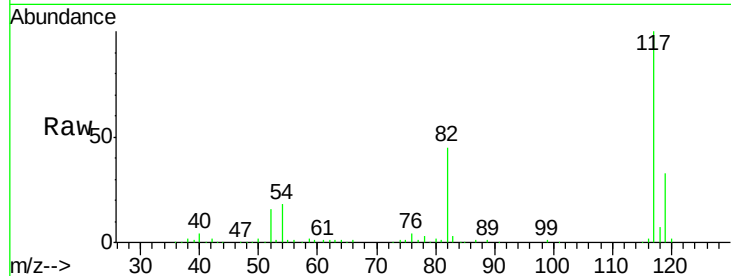




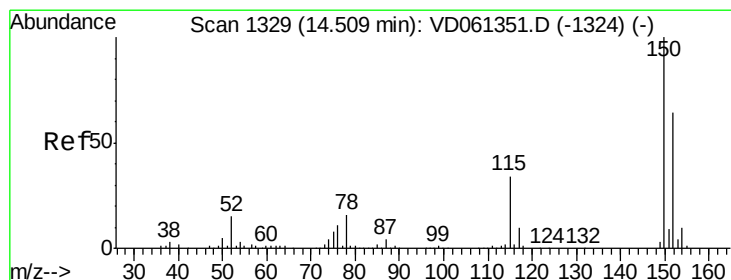
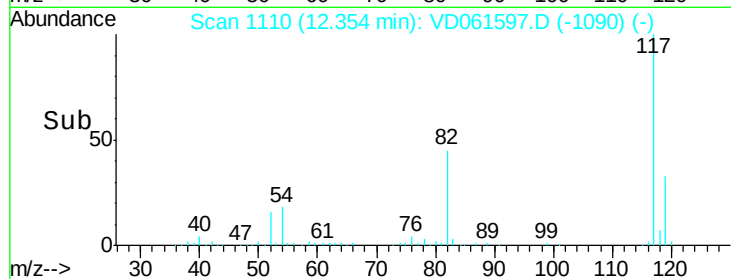
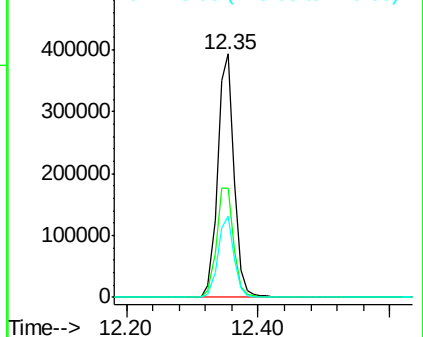
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. 0.00 min
Lab File: VD061597.D
Acq: 4 Apr 2019 23:41

Instrument :
MSVOA_D
ClientSampleId :
RICH-REC-ROAD-STONE-12

Tot Ion:117 Resp: 676647
Ion Ratio Lower Upper
117 100
82 44.8 34.4 51.6
119 33.1 25.8 38.6

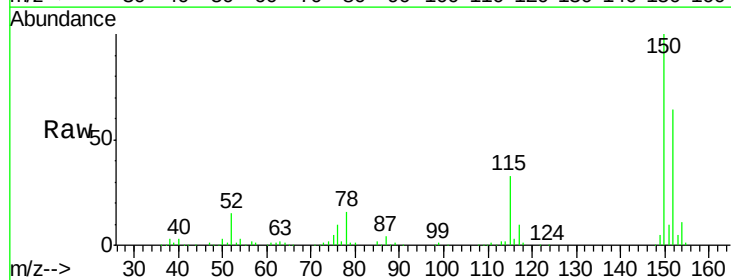


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. 0.00 min
Lab File: VD061597.D
Acq: 4 Apr 2019 23:41

Tgt Ion:152 Resp: 241426
Ion Ratio Lower Upper
152 100
115 51.0 26.9 80.6
150 155.8 0.0 318.0



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

