

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030519\
 Data File : VD060956.D
 Acq On : 5 Mar 2019 18:40
 Operator : VA/AP
 Sample : K1728-02
 Misc : 2.39g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RICH-REC-ROAD-STONE-11

Quant Time: Mar 06 04:48:44 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

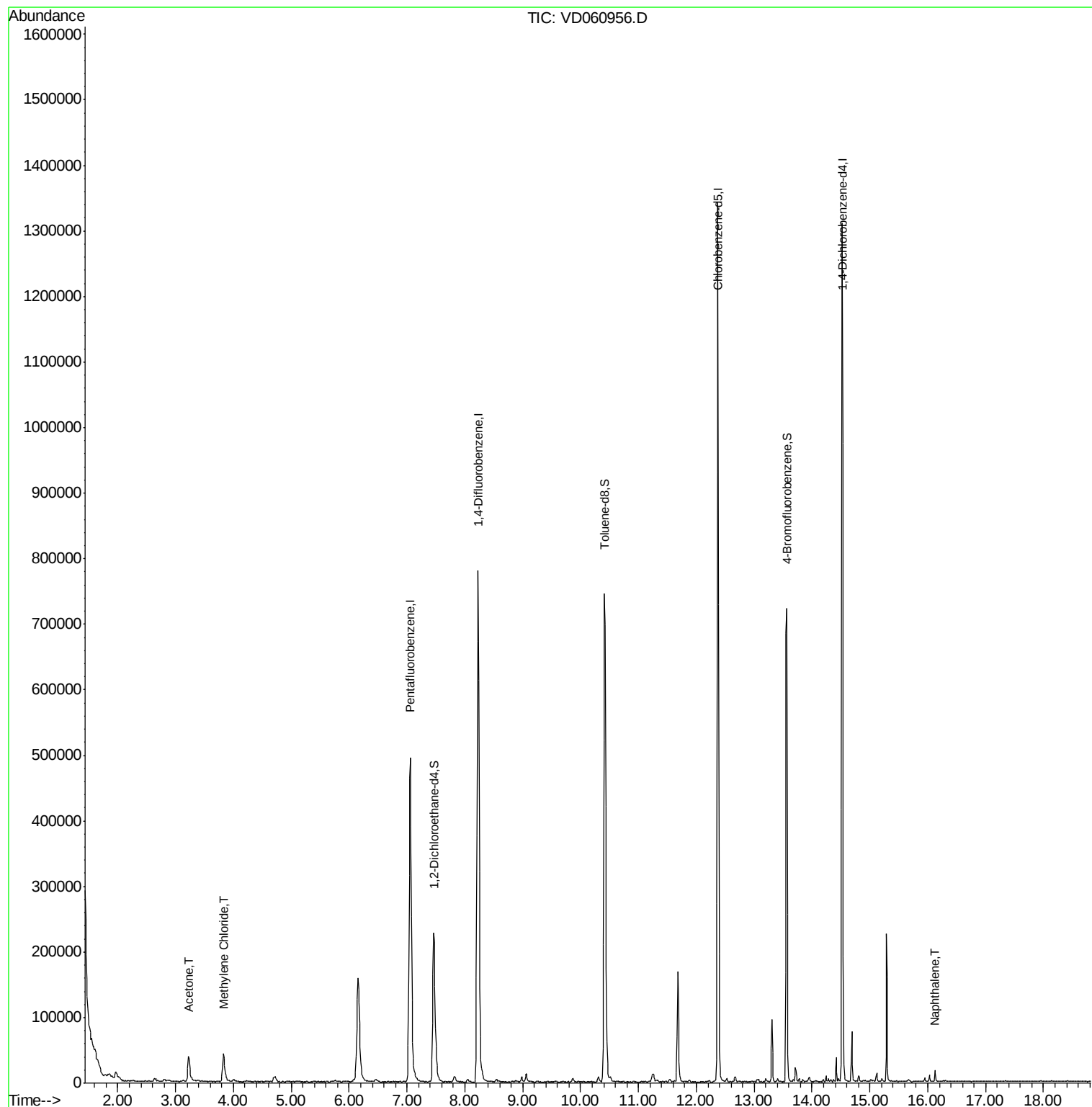
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	511168	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	922849	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	777345	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	302279	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	202011	47.81	ug/l	0.02
Spiked Amount 50.000			Recovery	=	95.62%	
35) Dibromofluoromethane	7.05	113	232	0.03	ug/l	0.13
Spiked Amount 50.000			Recovery	=	0.06%	
50) Toluene-d8	10.41	98	665688	36.16	ug/l	0.02
Spiked Amount 50.000			Recovery	=	72.32%	
62) 4-Bromofluorobenzene	13.55	95	252720	36.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.66%	
Target Compounds						
16) Acetone	3.23	43	79451	56.311	ug/l	98
20) Methylene Chloride	3.83	84	31293	1.124	ug/l	94
95) Naphthalene	16.12	128	11747	1.446	ug/l	99

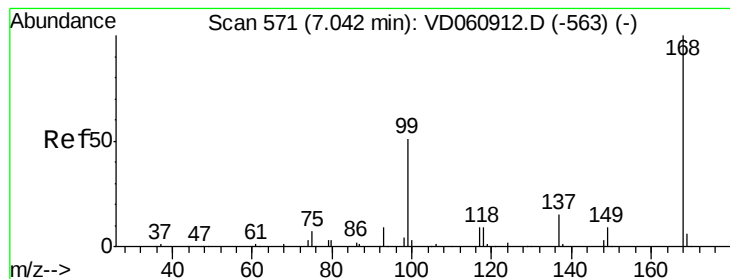
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD030519\
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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. 0.02 min

Lab File: VD060956.D

Acq: 5 Mar 2019 18:40

Instrument :

MSVOA_D

ClientSampleId :

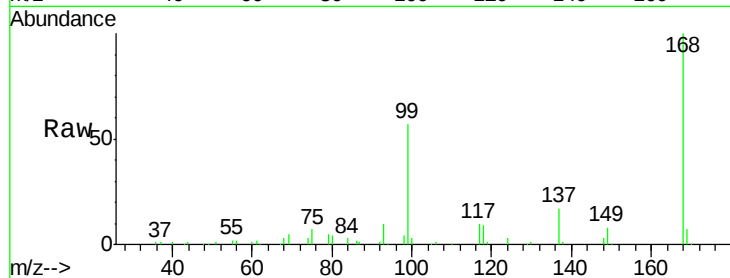
RICH-REC-ROAD-STONE-11

Tot Ion:168 Resp: 511168

Ion Ratio Lower Upper

168 100

99 57.1 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

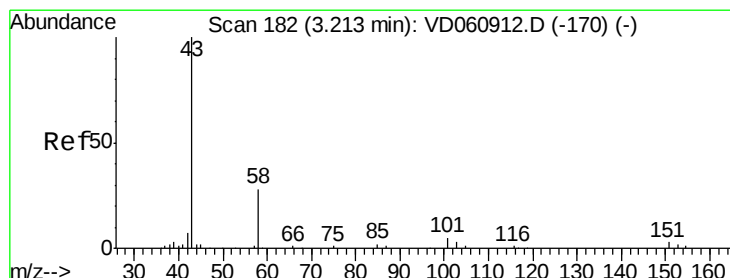
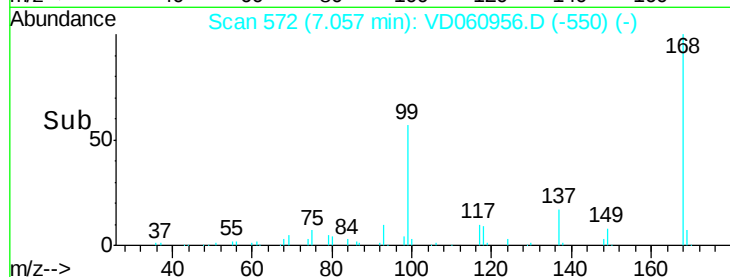
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 56.311 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.02 min

Lab File: VD060956.D

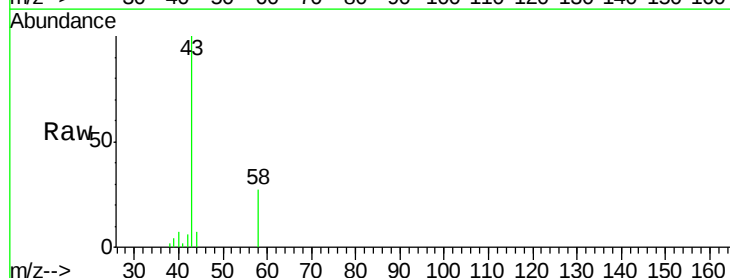
Acq: 5 Mar 2019 18:40

Tgt Ion: 43 Resp: 79451

Ion Ratio Lower Upper

43 100

58 27.2 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

25000

20000

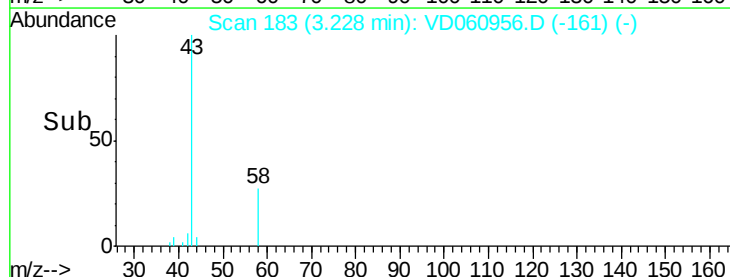
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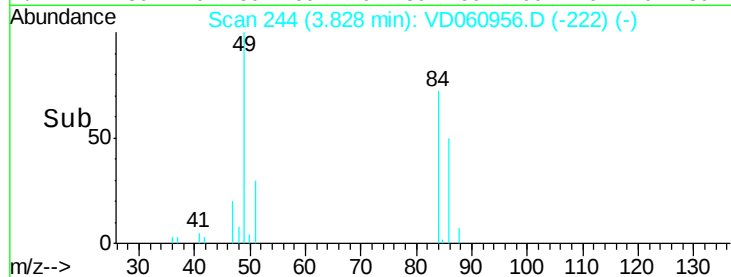
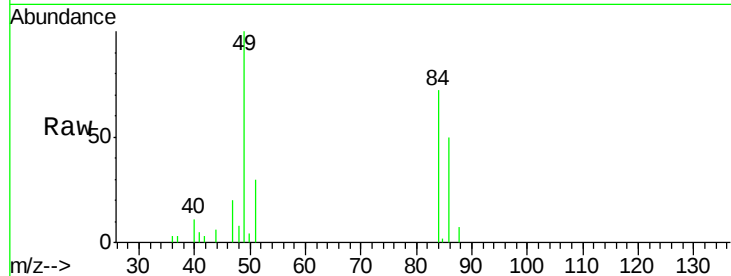
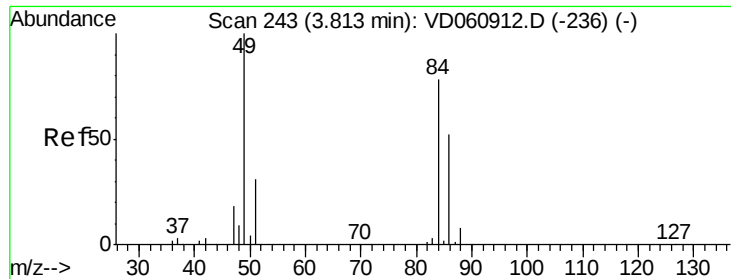
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5000

0

Time-->

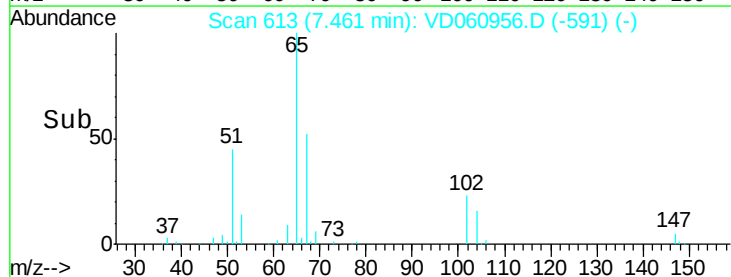
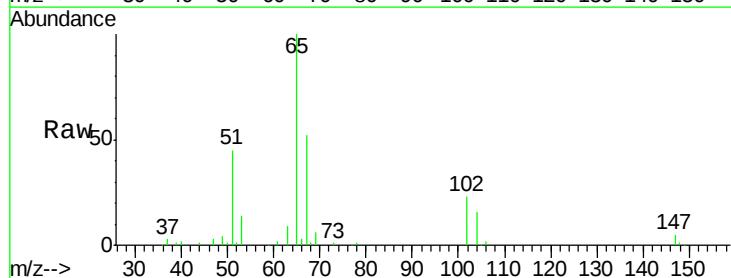
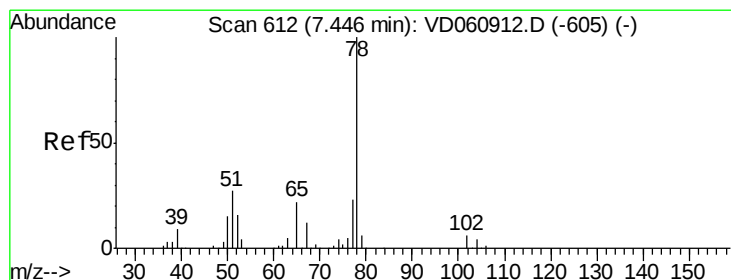
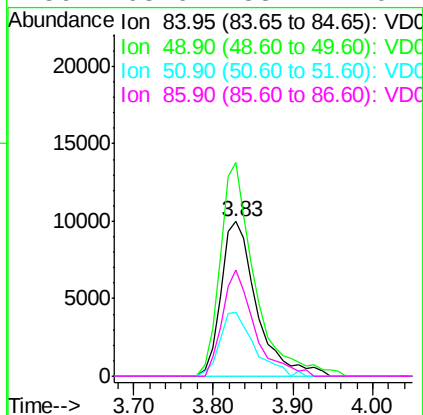




#20
Methylene Chloride
Concen: 1.124 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.02 min
Lab File: VD060956.D
Acq: 5 Mar 2019 18:40

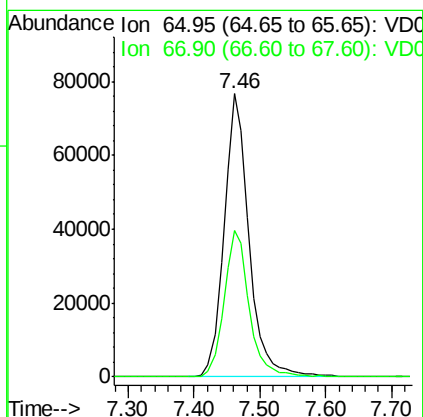
Instrument :
MSVOA_D
ClientSampleId :
RICH-REC-ROAD-STONE-11

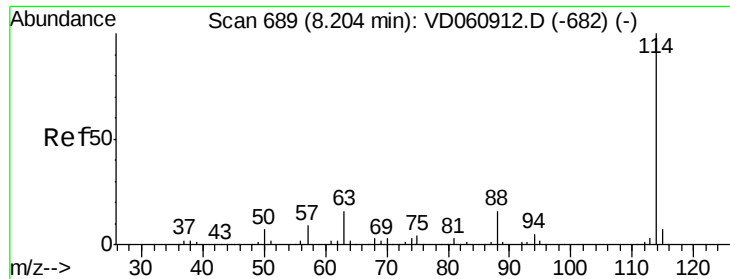
Tot Ion:	84	Resp:	31293
Ion	Ratio	Lower	Upper
84	100		
49	138.3	102.4	153.6
51	41.2	31.9	47.9
86	68.6	53.1	79.7



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.02 min
Lab File: VD060956.D
Acq: 5 Mar 2019 18:40

Tgt Ion:	65	Resp:	202011
Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	109.4

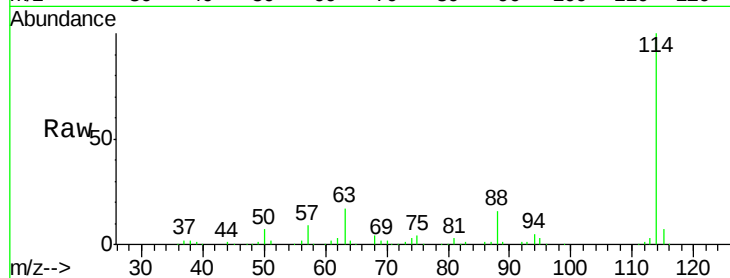




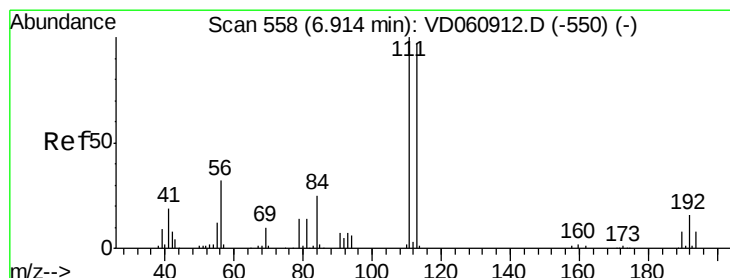
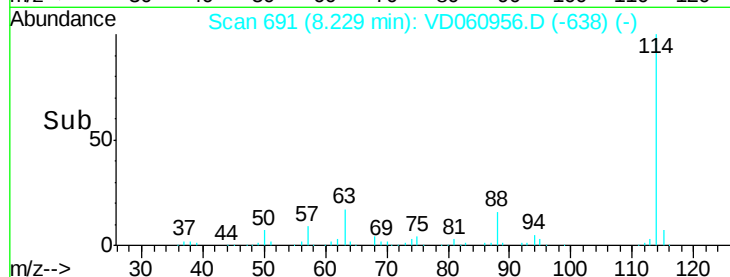
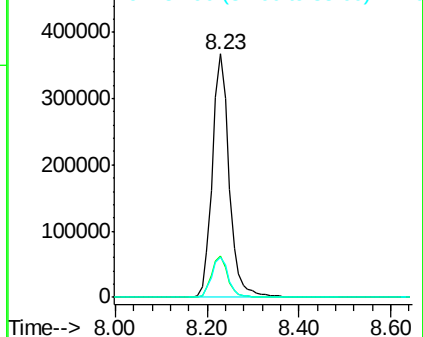
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.02 min
 Lab File: VD060956.D
 Acq: 5 Mar 2019 18:40

Instrument :
 MSVOA_D
 ClientSampleId :
 RICH-REC-ROAD-STONE-11

Tot Ion:114 Resp: 922849
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 32.0
 88 16.3 0.0 32.8

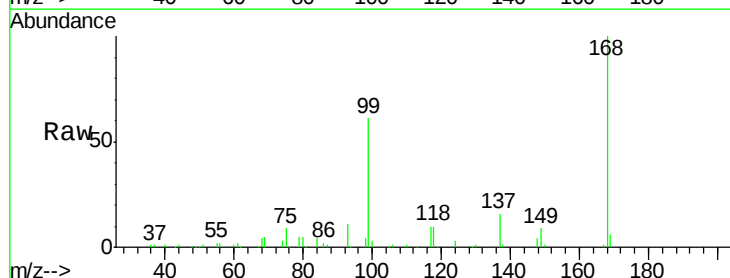


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

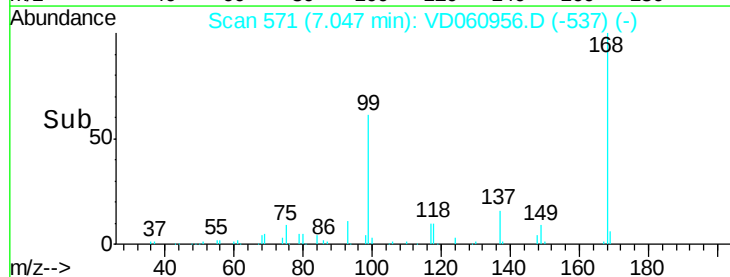
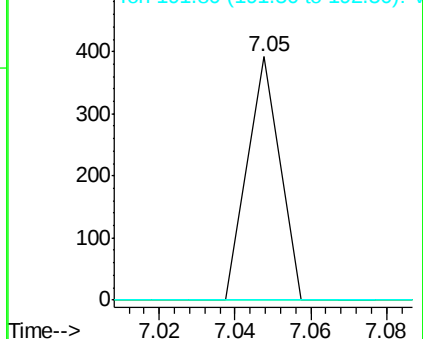


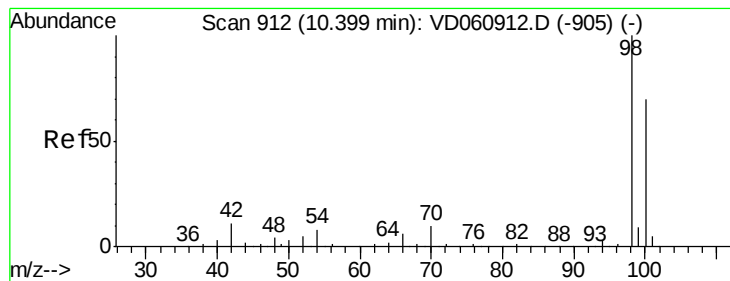
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.05 min Scan# 571
 Delta R.T. 0.13 min
 Lab File: VD060956.D
 Acq: 5 Mar 2019 18:40

Tgt Ion:113 Resp: 232
 Ion Ratio Lower Upper
 113 100
 111 0.0 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. 0.02 min

Lab File: VD060956.D

Acq: 5 Mar 2019 18:40

Instrument :

MSVOA_D

ClientSampleId :

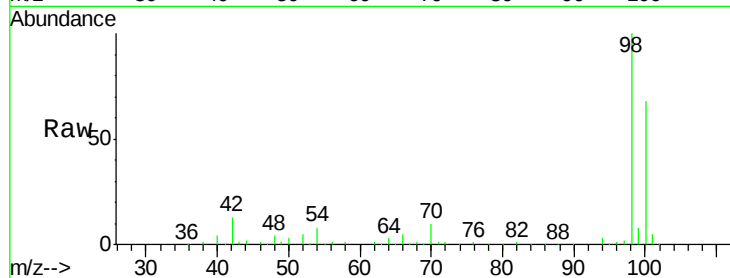
RICH-REC-ROAD-STONE-11

Tot Ion: 98 Resp: 665688

Ion Ratio Lower Upper

98 100

100 68.2 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) (-)

10.41

300000

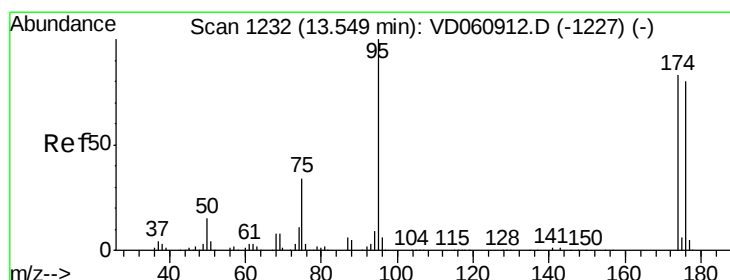
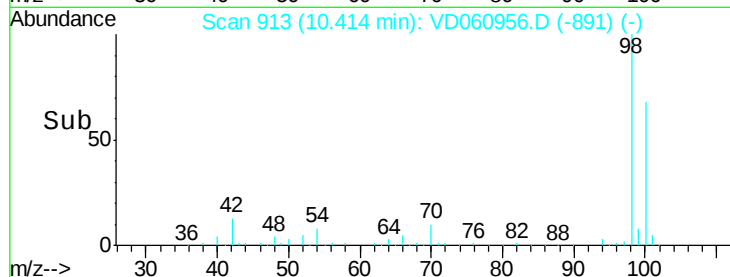
200000

100000

0

10.40 10.60

Time-->



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD060956.D

Acq: 5 Mar 2019 18:40

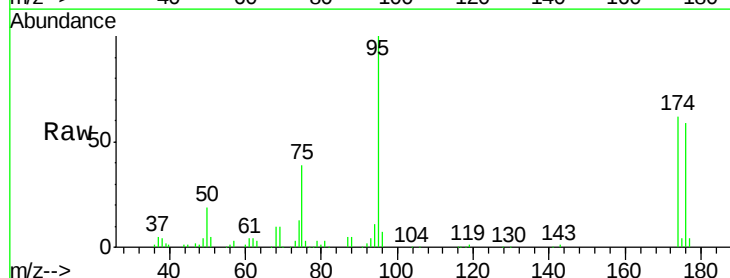
Tgt Ion: 95 Resp: 252720

Ion Ratio Lower Upper

95 100

174 61.7 0.0 165.6

176 59.3 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) (-)

13.55

200000

150000

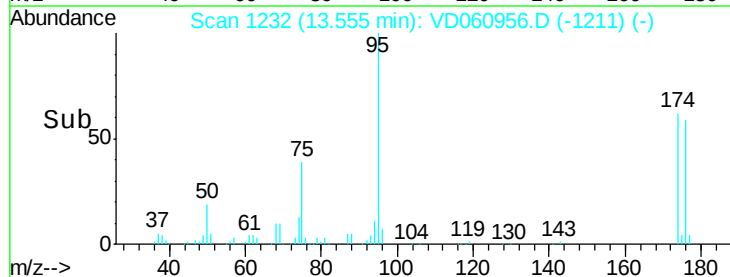
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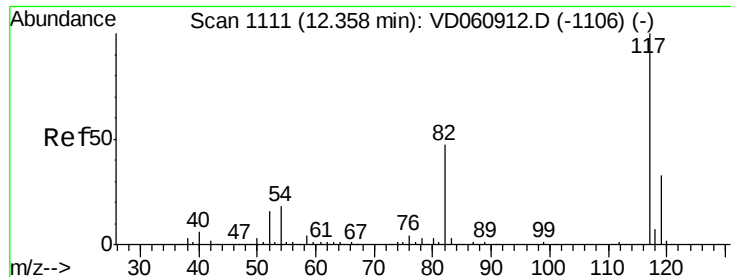
50000

0

13.50 13.60

Time-->

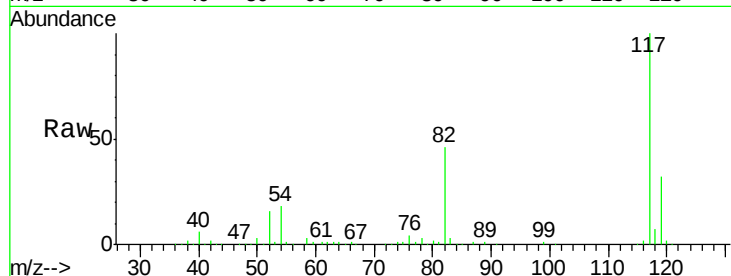




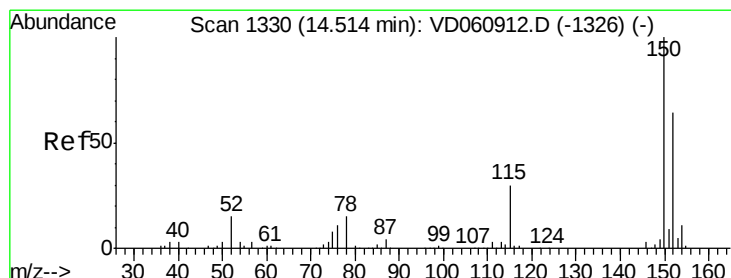
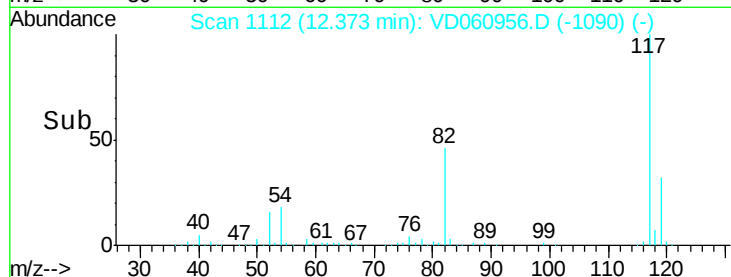
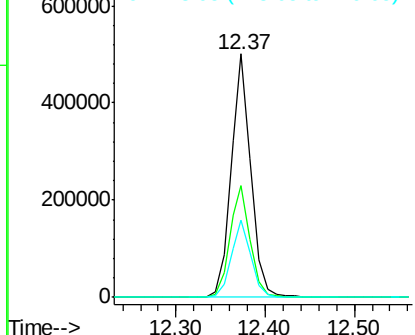
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.02 min
Lab File: VD060956.D
Acq: 5 Mar 2019 18:40

Instrument :
MSVOA_D
ClientSampleId :
RICH-REC-ROAD-STONE-11

Tot Ion:117 Resp: 777345
Ion Ratio Lower Upper
117 100
82 45.8 37.5 56.3
119 31.9 26.2 39.2

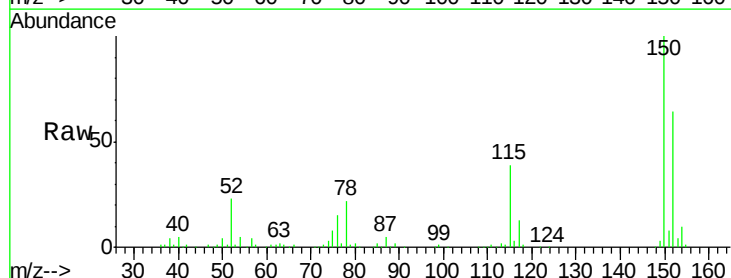


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

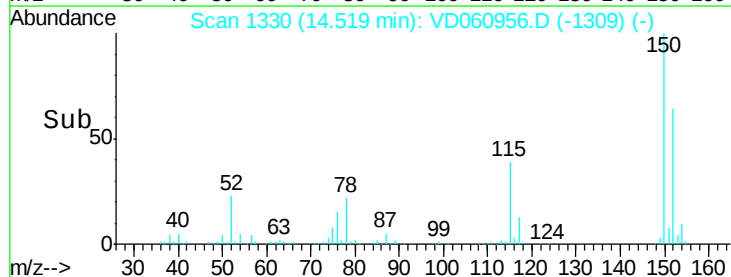
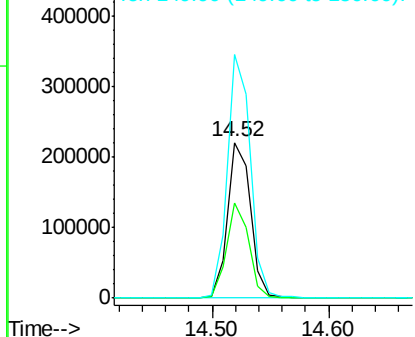


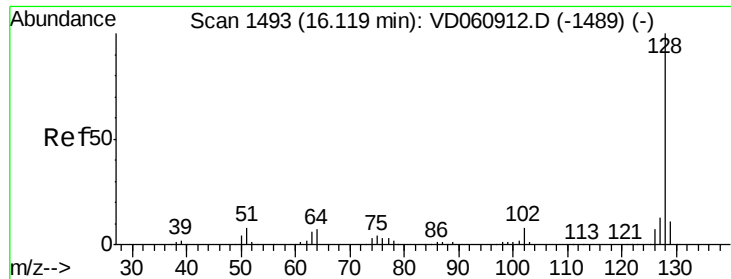
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD060956.D
Acq: 5 Mar 2019 18:40

Tgt Ion:152 Resp: 302279
Ion Ratio Lower Upper
152 100
115 61.5 27.6 82.8
150 156.6 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

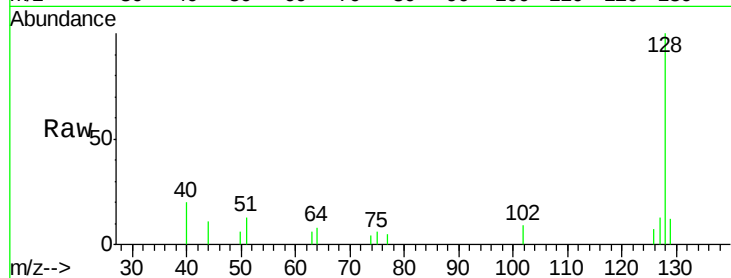




#95
Naphthalene
Concen: 1.446 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VD060956.D
Acq: 5 Mar 2019 18:40

Instrument :
MSVOA_D
ClientSampleId :
RICH-REC-ROAD-STONE-11

Tot Ion:128 Resp: 11747
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 12.1 8.7 13.1



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

