

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100218\
 Data File : VD060112.D
 Acq On : 2 Oct 2018 13:20
 Operator : VA/AP
 Sample : J5169-02
 Misc : 10.25g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RICH-REC-ROAD-STONE-6

Quant Time: Oct 03 01:26:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

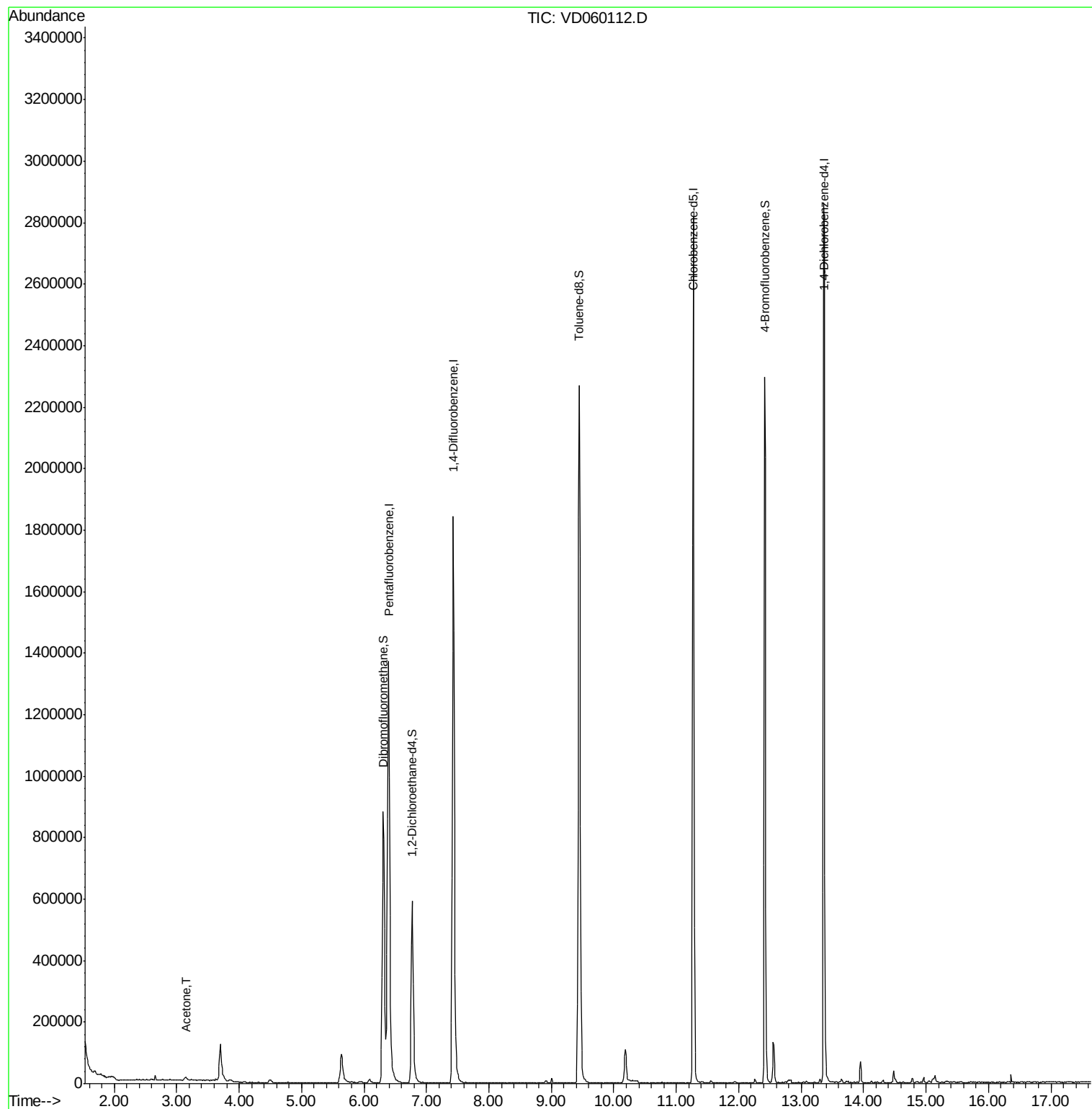
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1400383	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	7.43	114	1915214	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.28	117	1492189	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	748630	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	484262	45.62	ug/l	0.01
Spiked Amount	50.000		Recovery	=	91.24%	
35) Dibromofluoromethane	6.31	113	688657	47.35	ug/l	0.01
Spiked Amount	50.000		Recovery	=	94.70%	
50) Toluene-d8	9.45	98	1834158	44.23	ug/l	0.01
Spiked Amount	50.000		Recovery	=	88.46%	
62) 4-Bromofluorobenzene	12.42	95	695987	44.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.64%	
Target Compounds						
16) Acetone	3.15	43	23217	12.054	ug/l #	Qvalue 85

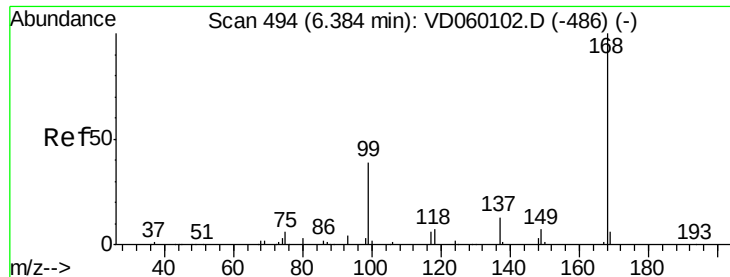
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.39 min Scan# 495

Delta R.T. 0.01 min

Lab File: VD060112.D

Acq: 2 Oct 2018 13:20

Instrument :

MSVOA_D

ClientSampleId :

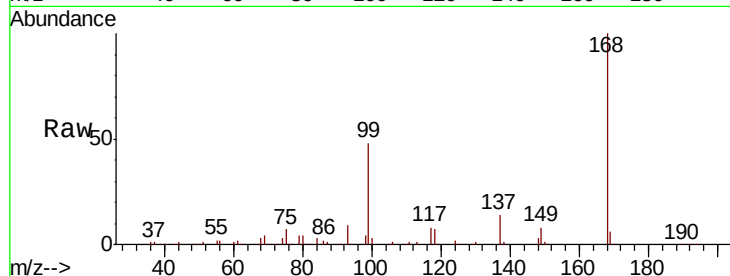
RICH-REC-ROAD-STONE-6

Tot Ion:168 Resp: 1400383

Ion Ratio Lower Upper

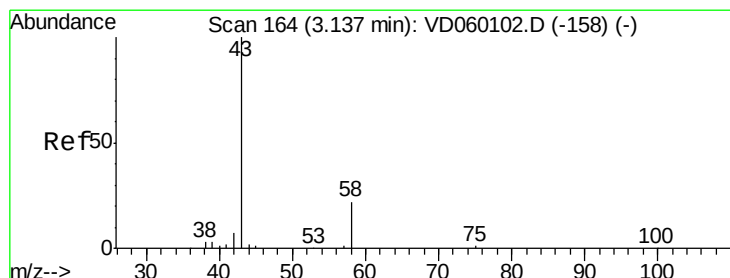
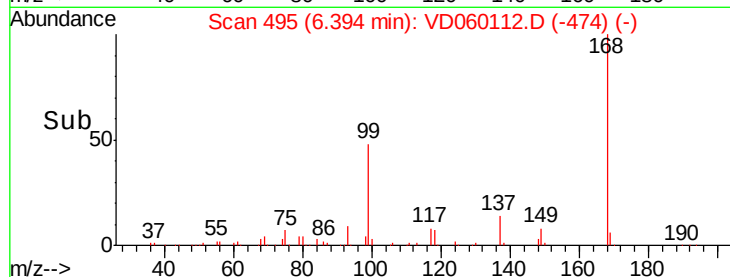
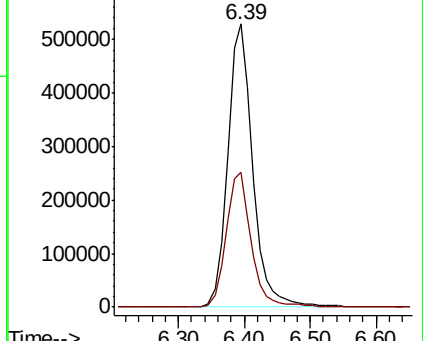
168 100

99 47.5 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 12.054 ug/l

RT: 3.15 min Scan# 165

Delta R.T. 0.01 min

Lab File: VD060112.D

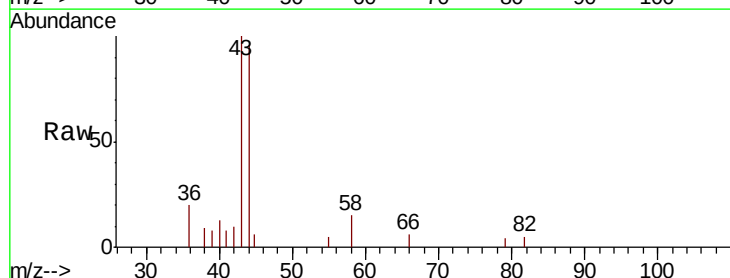
Acq: 2 Oct 2018 13:20

Tgt Ion: 43 Resp: 23217

Ion Ratio Lower Upper

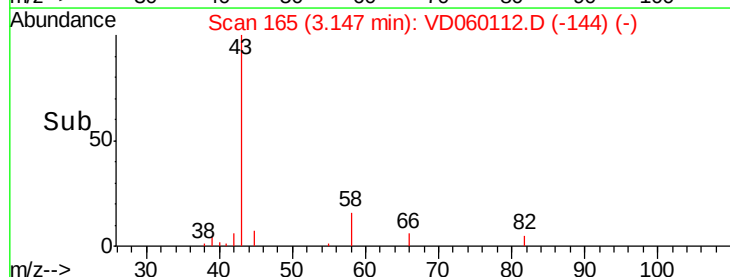
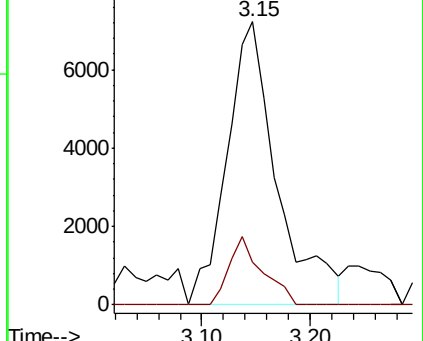
43 100

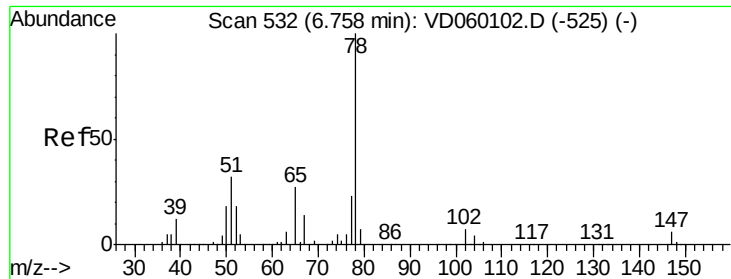
58 14.9 17.7 26.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

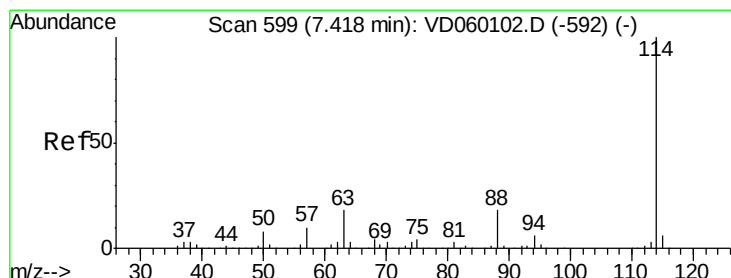
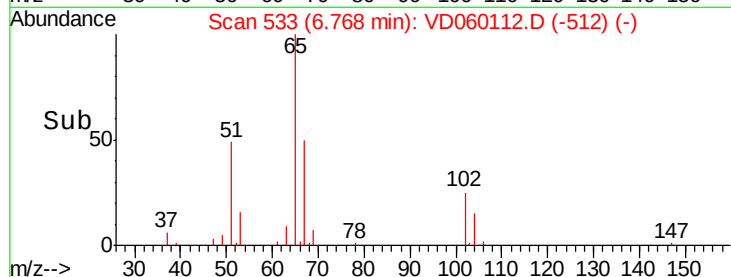
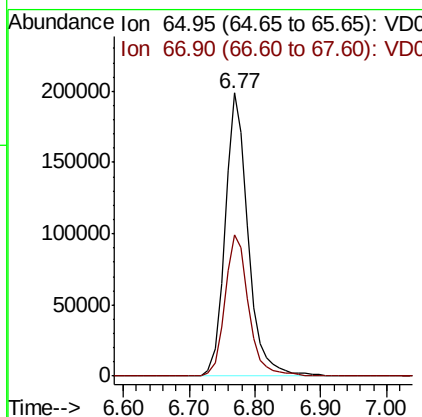
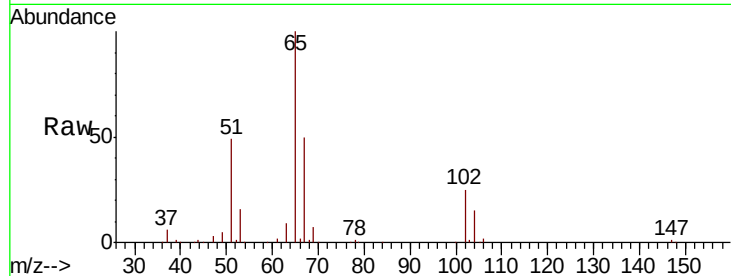




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.77 min Scan# 533
 Delta R.T. 0.01 min
 Lab File: VD060112.D
 Acq: 2 Oct 2018 13:20

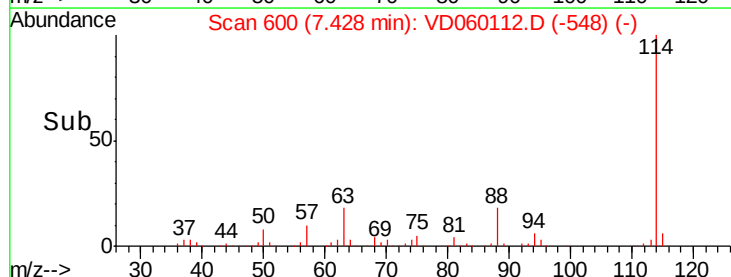
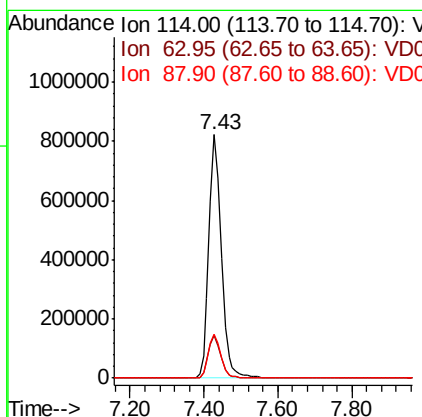
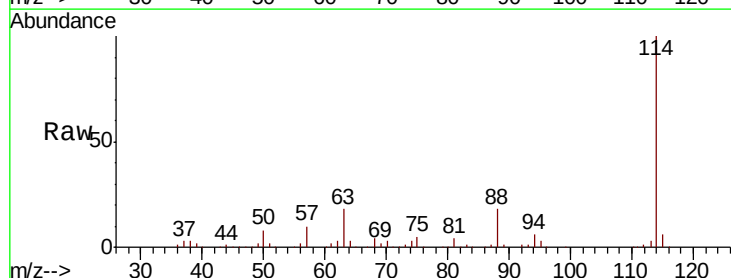
Instrument :
 MSVOA_D
 ClientSampleId :
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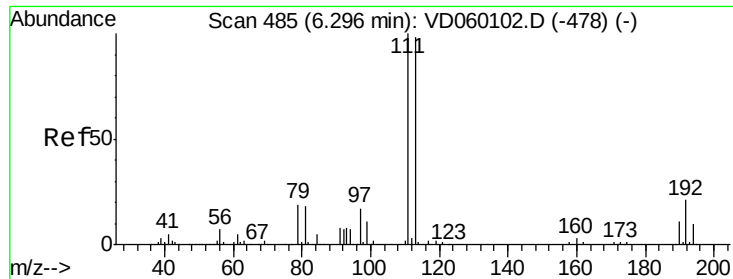
Tot Ion: 65 Resp: 484262
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.43 min Scan# 600
 Delta R.T. 0.01 min
 Lab File: VD060112.D
 Acq: 2 Oct 2018 13:20

Tgt Ion: 114 Resp: 1915214
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 36.0
 88 18.1 0.0 36.2

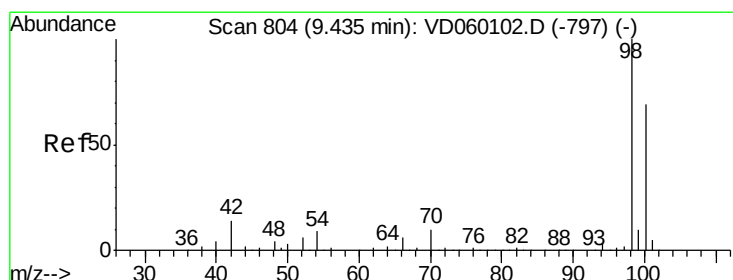
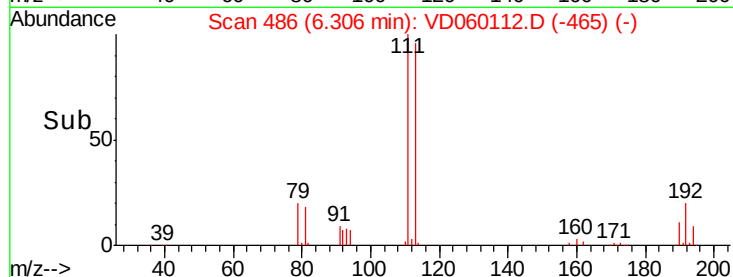
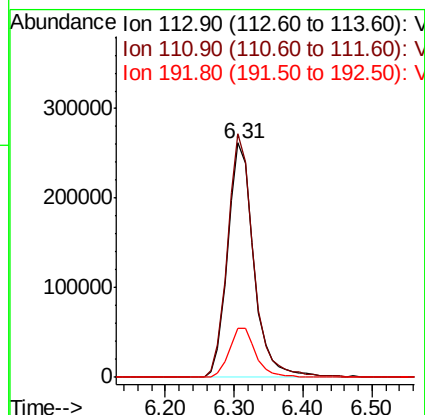
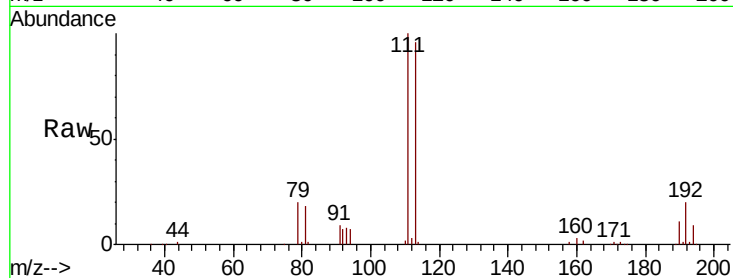




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.31 min Scan# 486
Delta R.T. 0.01 min
Lab File: VD060112.D
Acq: 2 Oct 2018 13:20

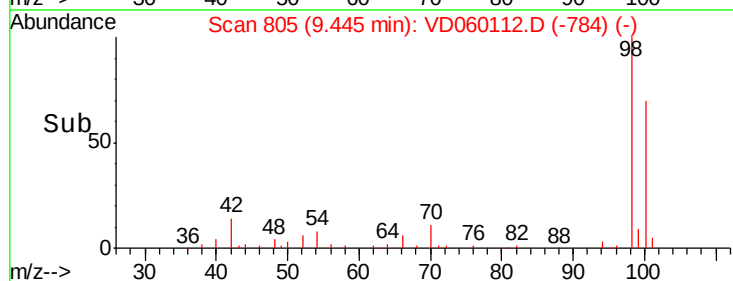
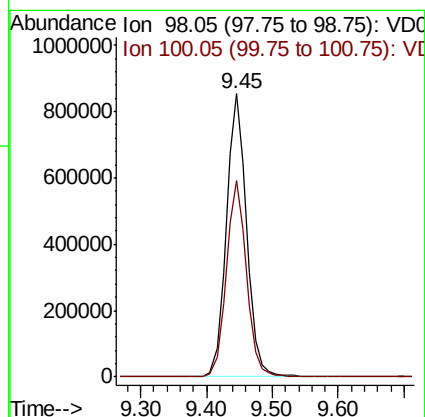
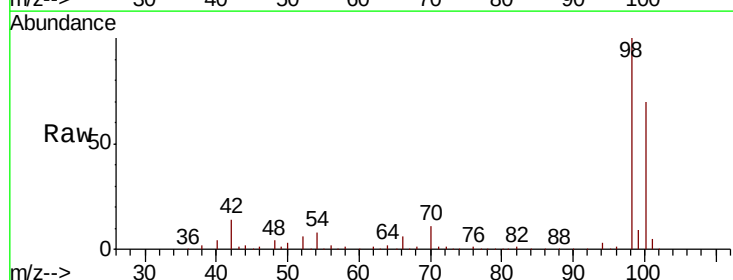
Instrument :
MSVOA_D
ClientSampleId :
RICH-REC-ROAD-STONE-6

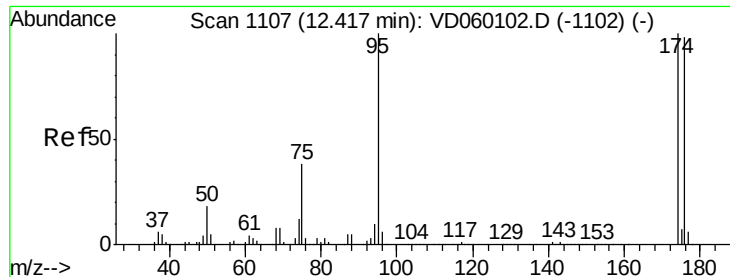
Tot Ion:113 Resp: 688657
Ion Ratio Lower Upper
113 100
111 103.8 81.5 122.3
192 20.7 17.4 26.0



#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 805
Delta R.T. 0.01 min
Lab File: VD060112.D
Acq: 2 Oct 2018 13:20

Tgt Ion: 98 Resp: 1834158
Ion Ratio Lower Upper
98 100
100 69.5 55.4 83.0

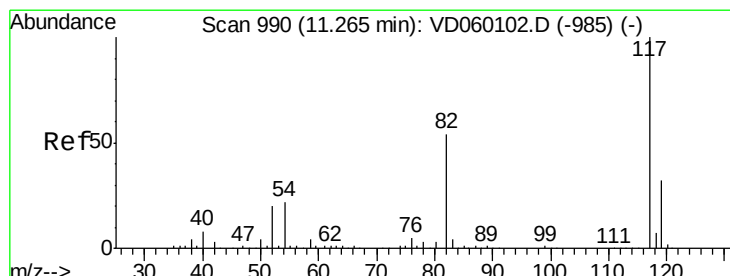
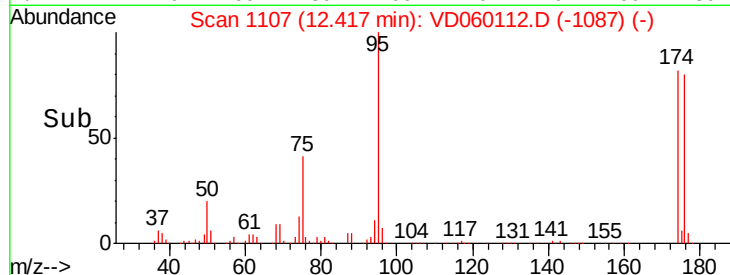
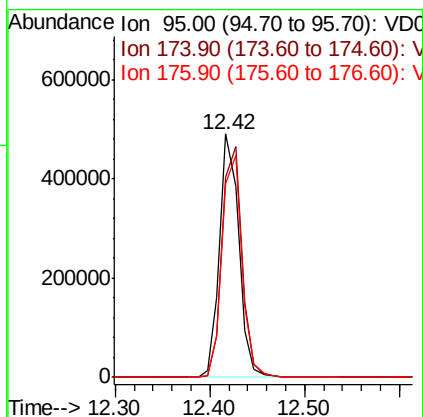
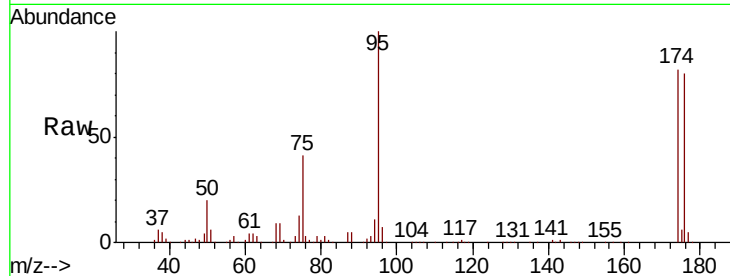




#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.42 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VD060112.D
Acq: 2 Oct 2018 13:20

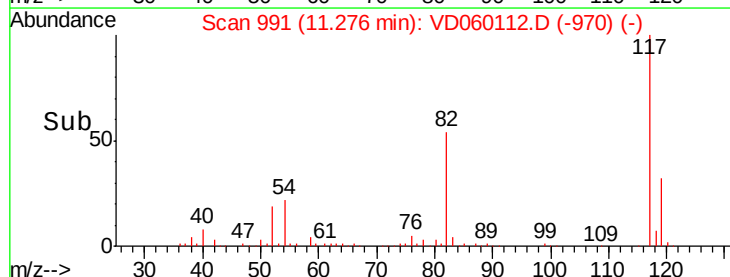
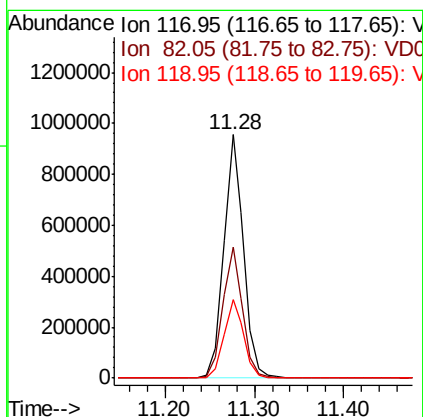
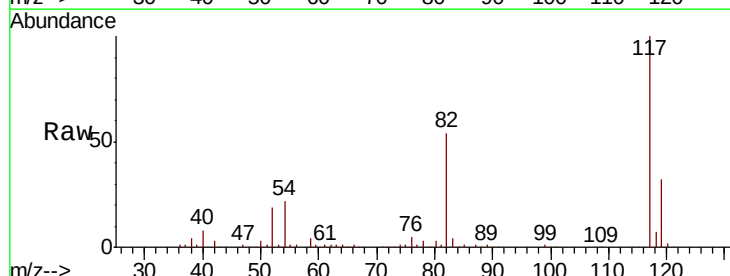
Instrument :
MSVOA_D
ClientSampleId :
RICH-REC-ROAD-STONE-6

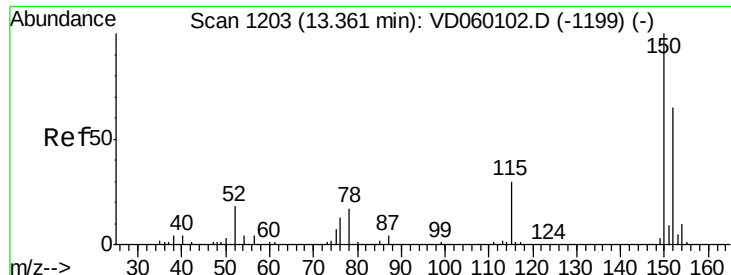
Tot Ion: 95 Resp: 695987
Ion Ratio Lower Upper
95 100
174 82.0 0.0 200.2
176 79.7 0.0 195.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 991
Delta R.T. 0.01 min
Lab File: VD060112.D
Acq: 2 Oct 2018 13:20

Tgt Ion: 117 Resp: 1492189
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.2
119 32.4 26.0 39.0

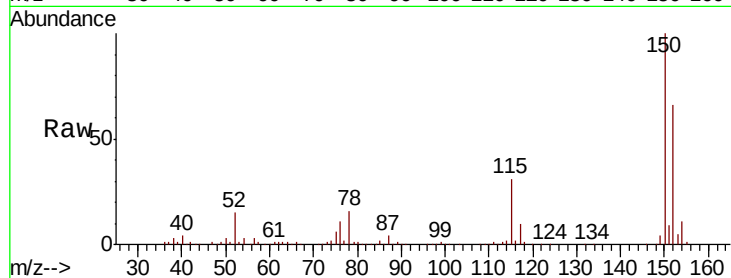




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.37 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: VD060112.D
 Acq: 2 Oct 2018 13:20

Instrument :
 MSVOA_D
 ClientSampleId :
 RICH-REC-ROAD-STONE-6

Tot Ion:152 Resp: 748630
 Ion Ratio Lower Upper
 152 100
 115 47.7 27.1 81.2
 150 152.0 0.0 311.8



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

