

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121118\
 Data File : VD060537.D
 Acq On : 11 Dec 2018 15:59
 Operator : VA/AP
 Sample : J6342-02
 Misc : 4.06g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RICH-REC-ROAD-STONE-8

Quant Time: Dec 12 03:54:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 Response via : Initial Calibration

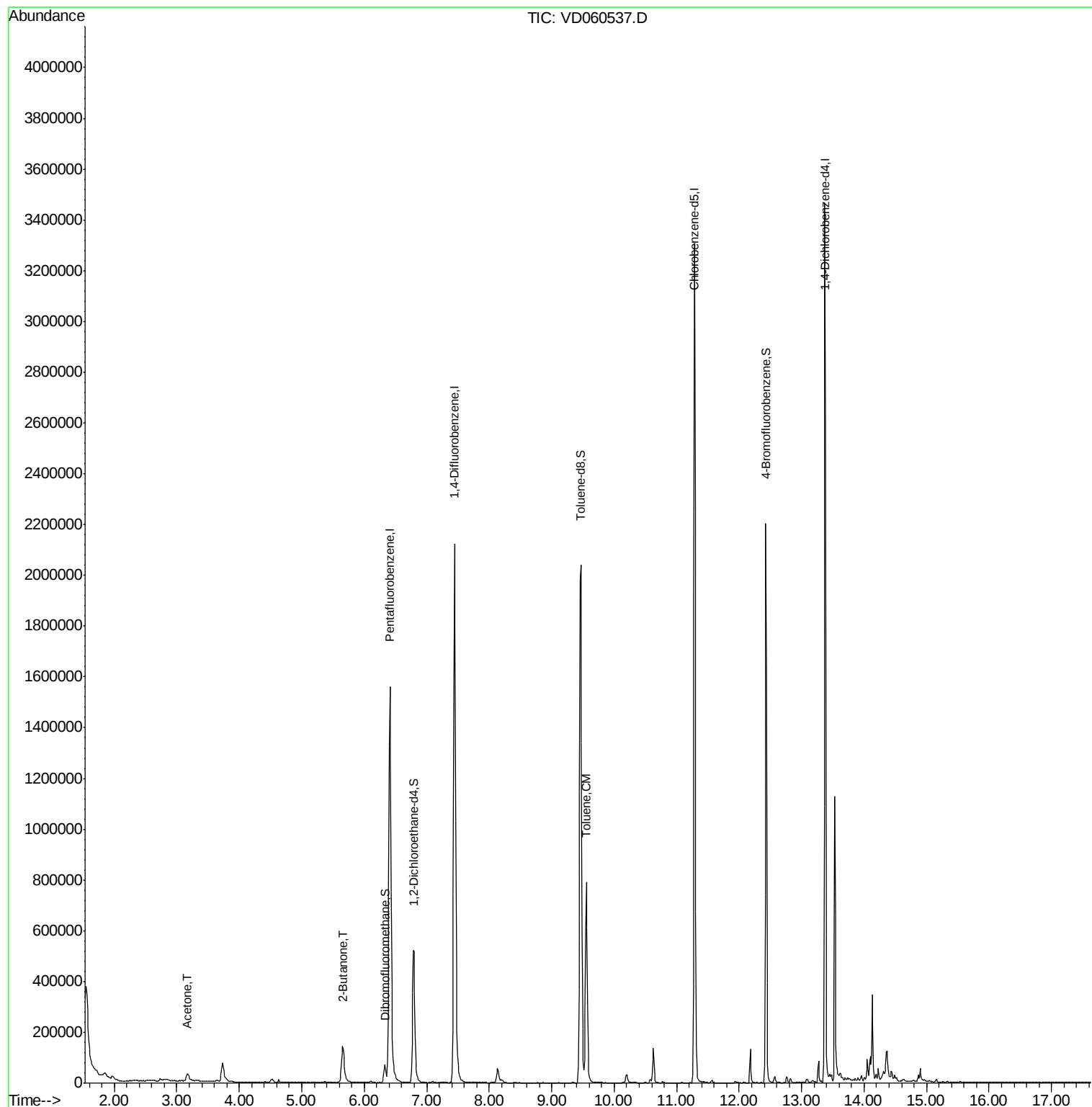
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1547298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	2196553	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.28	117	1736649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	820348	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	465958	42.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.98%	
35) Dibromofluoromethane	6.32	113	59515	3.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	7.38%	
50) Toluene-d8	9.46	98	1724591	36.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.88%	
62) 4-Bromofluorobenzene	12.43	95	617318	36.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.90%	
Target Compounds						
16) Acetone	3.18	43	71800	40.843	ug/l	99
25) 2-Butanone	5.65	43	20384	5.894	ug/l #	88
52) Toluene	9.55	92	403202	11.756	ug/l	96

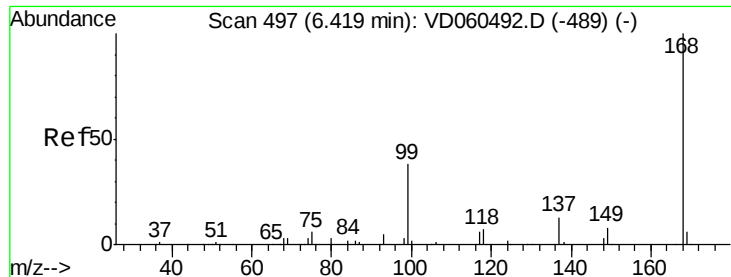
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 497

Delta R.T. -0.01 min

Lab File: VD060537.D

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MSVOA_D

ClientSampleId :

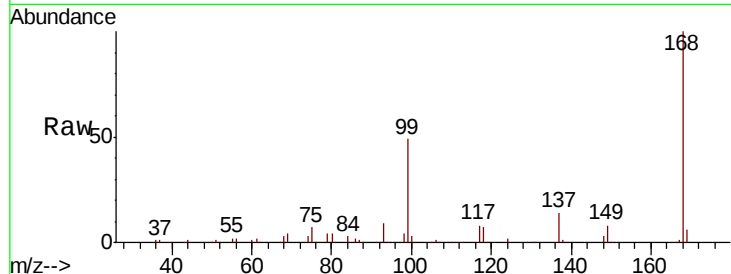
RICH-REC-ROAD-STONE-8

Tot Ion:168 Resp: 1547298

Ion Ratio Lower Upper

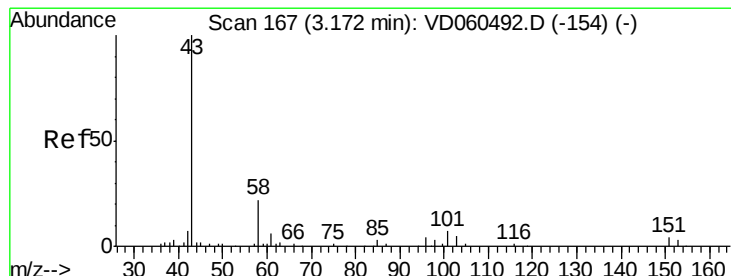
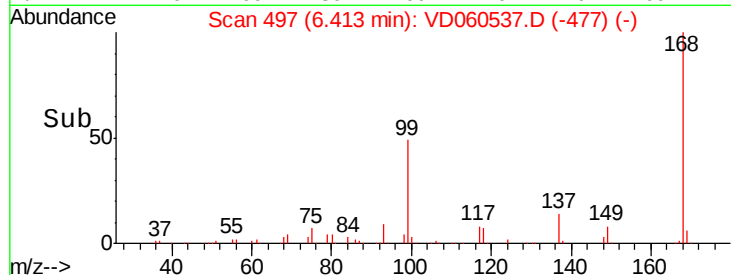
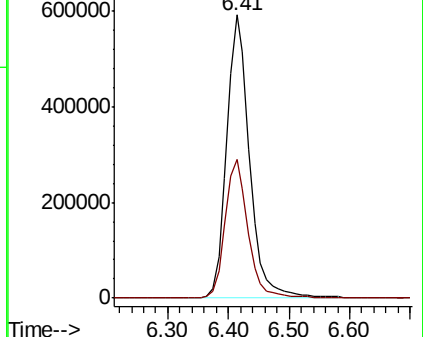
168 100

99 49.1 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V



#16

Acetone

Concen: 40.843 ug/l

RT: 3.18 min Scan# 168

Delta R.T. 0.00 min

Lab File: VD060537.D

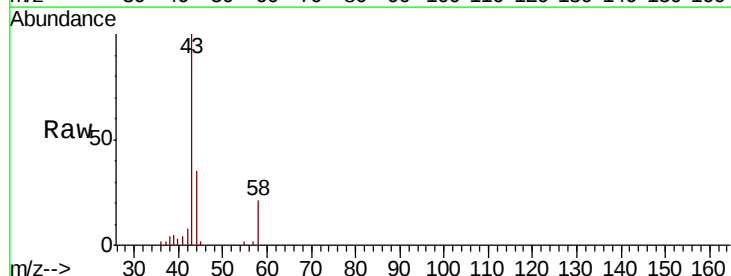
Acq: 11 Dec 2018 15:59

Tgt Ion: 43 Resp: 71800

Ion Ratio Lower Upper

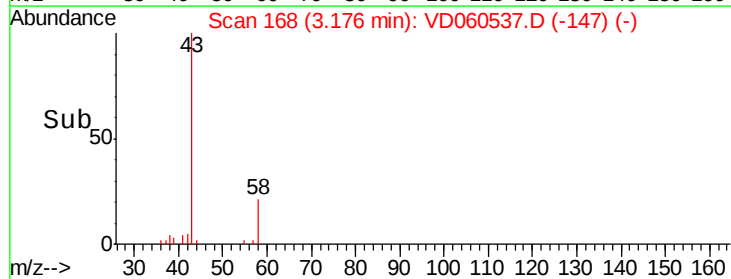
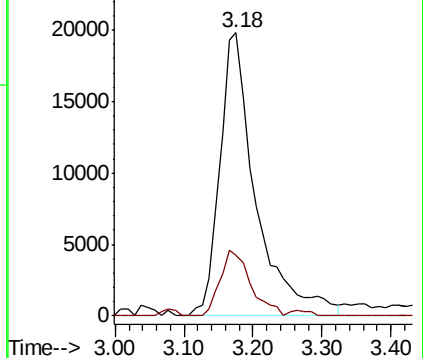
43 100

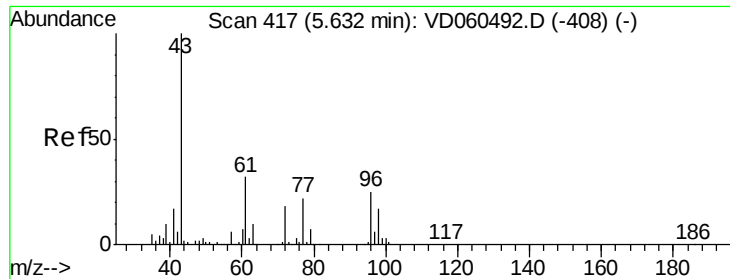
58 21.2 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): V

Ion 57.95 (57.65 to 58.65): V





#25

2-Butanone

Concen: 5.894 ug/l

RT: 5.65 min Scan# 419

Delta R.T. 0.01 min

Lab File: VD060537.D

Acq: 11 Dec 2018 15:59

Instrument :

MSVOA_D

ClientSampleId :

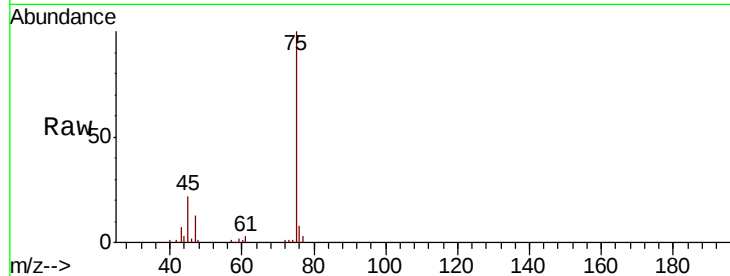
RICH-REC-ROAD-STONE-8

Tot Ion: 43 Resp: 20384

Ion Ratio Lower Upper

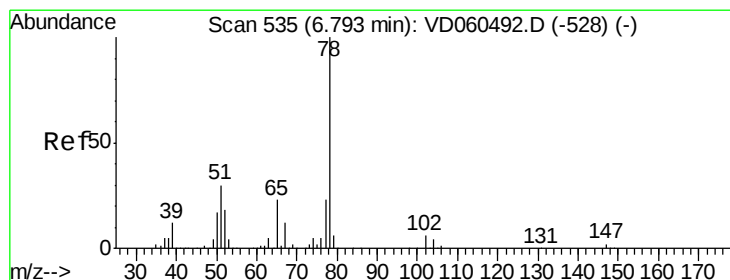
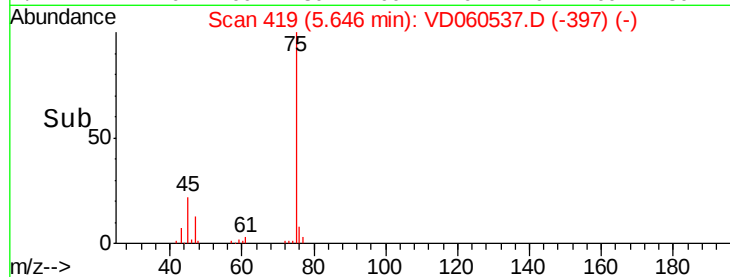
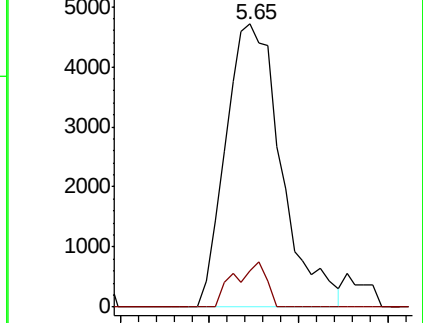
43 100

72 12.8 14.6 21.8#



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: 6.79 min Scan# 535

Delta R.T. -0.01 min

Lab File: VD060537.D

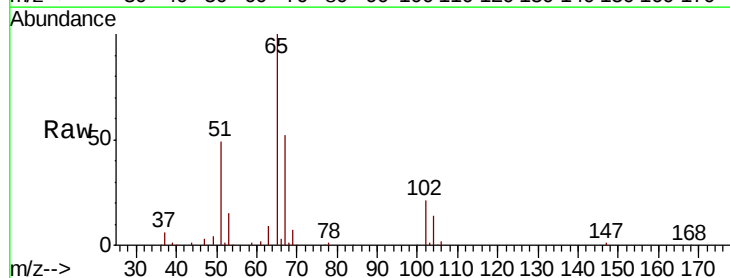
Acq: 11 Dec 2018 15:59

Tgt Ion: 65 Resp: 465958

Ion Ratio Lower Upper

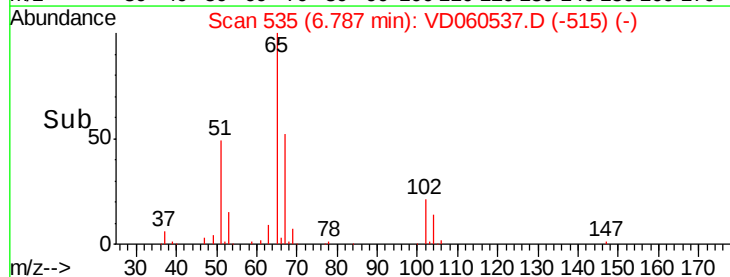
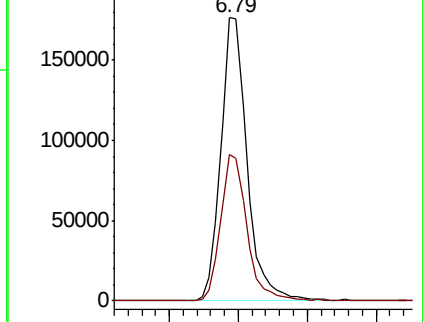
65 100

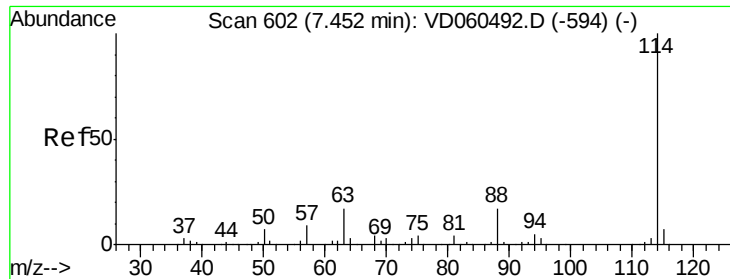
67 51.6 0.0 106.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

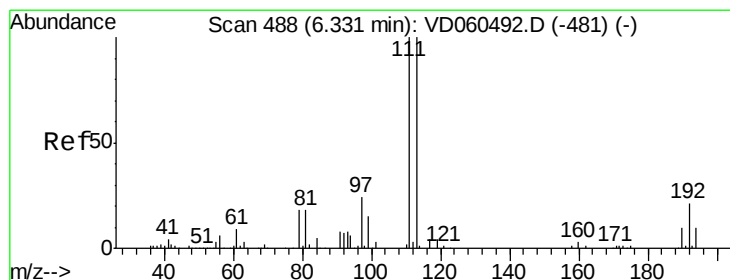
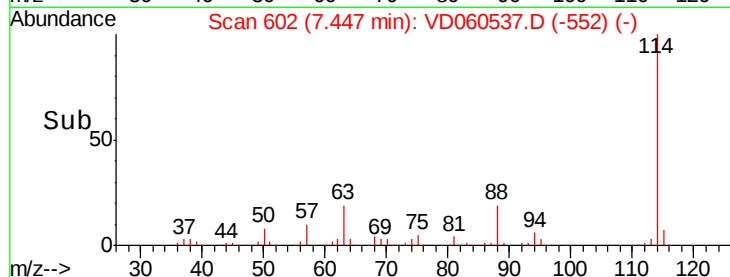
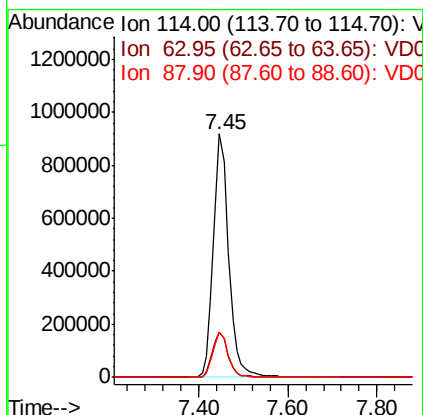
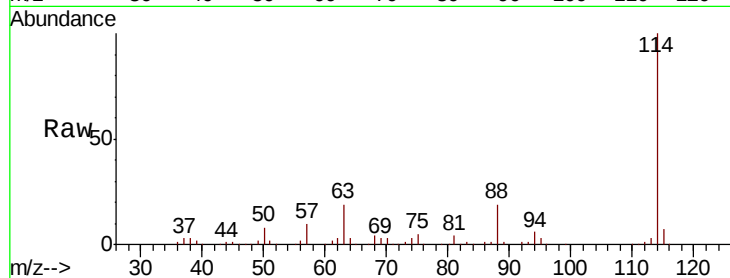




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: VD060537.D
 Acq: 11 Dec 2018 15:59

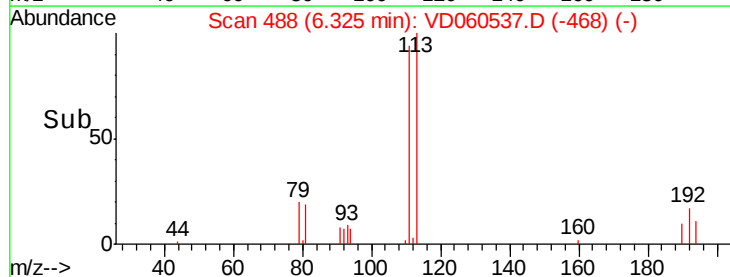
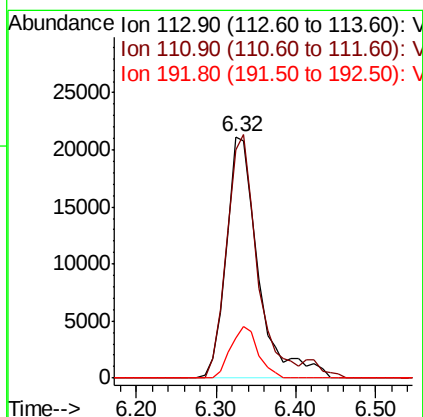
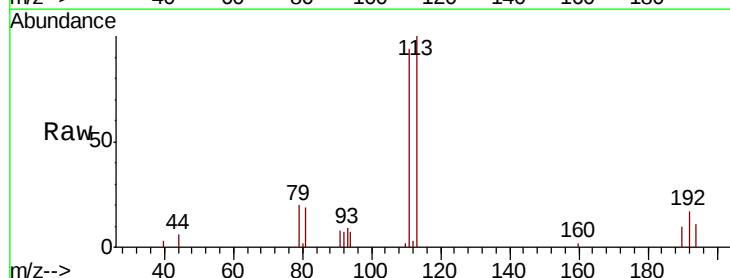
Instrument :
 MSVOA_D
 ClientSampleId :
 RICH-REC-ROAD-STONE-8

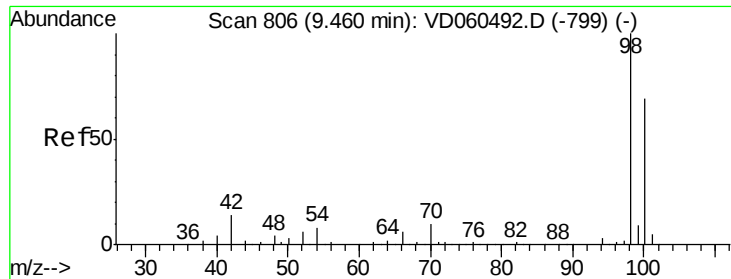
Tot Ion:114 Resp: 2196553
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 34.2
 88 18.7 0.0 35.0



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: VD060537.D
 Acq: 11 Dec 2018 15:59

Tgt Ion:113 Resp: 59515
 Ion Ratio Lower Upper
 113 100
 111 94.3 80.2 120.4
 192 16.8 16.6 24.8

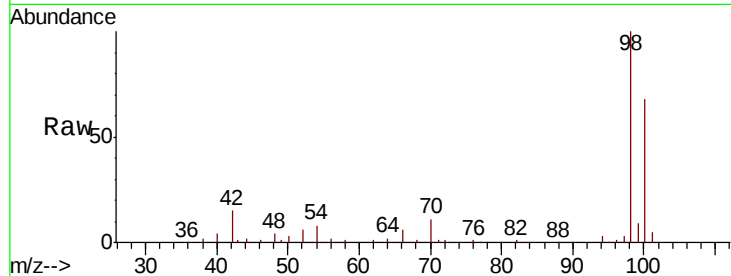




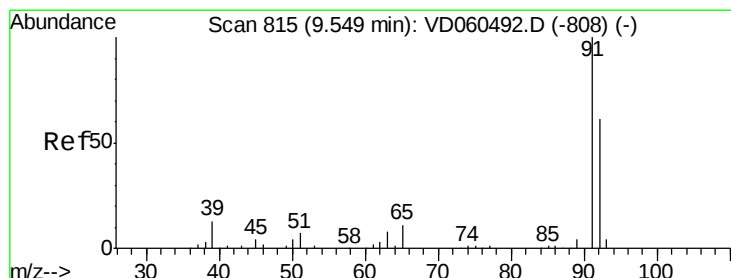
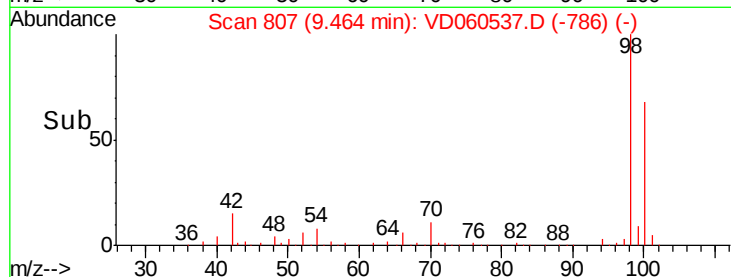
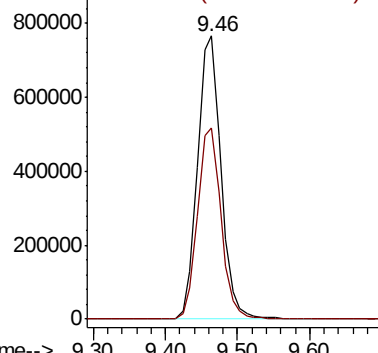
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 807
Delta R.T. 0.00 min
Lab File: VD060537.D
Acq: 11 Dec 2018 15:59

Instrument :
MSVOA_D
ClientSampleId :
RICH-REC-ROAD-STONE-8

Tot Ion: 98 Resp: 1724591
Ion Ratio Lower Upper
98 100
100 67.8 55.7 83.5

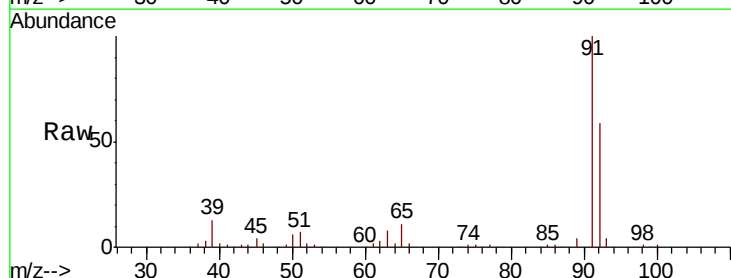


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

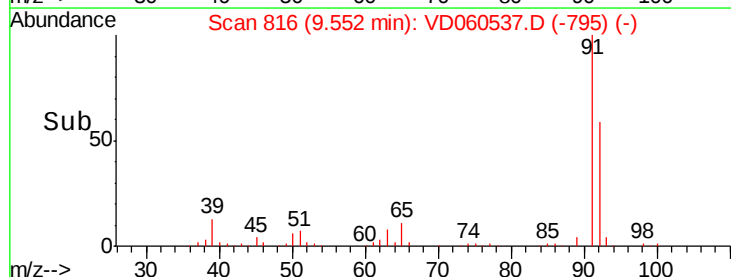
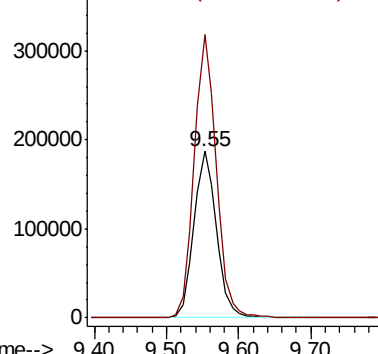


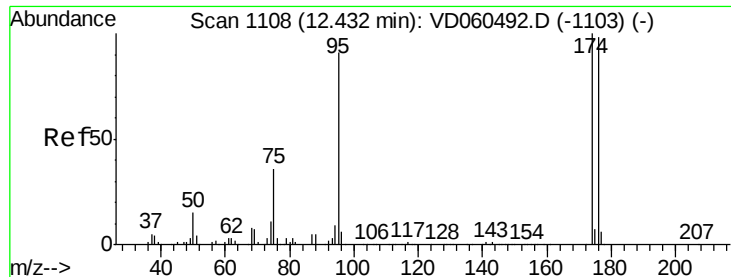
#52
Toluene
Concen: 11.756 ug/l
RT: 9.55 min Scan# 816
Delta R.T. 0.00 min
Lab File: VD060537.D
Acq: 11 Dec 2018 15:59

Tgt Ion: 92 Resp: 403202
Ion Ratio Lower Upper
92 100
91 170.1 131.7 197.5



Abundance Ion 92.00 (91.70 to 92.70): VDC
Ion 91.00 (90.70 to 91.70): VDC

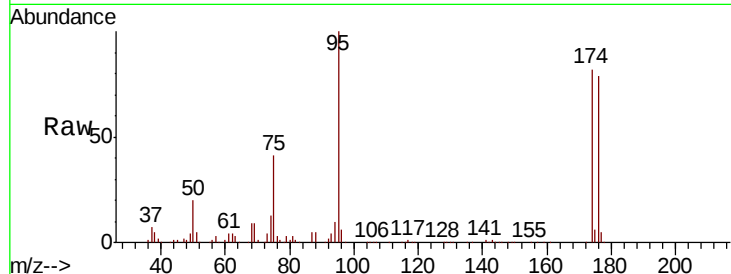




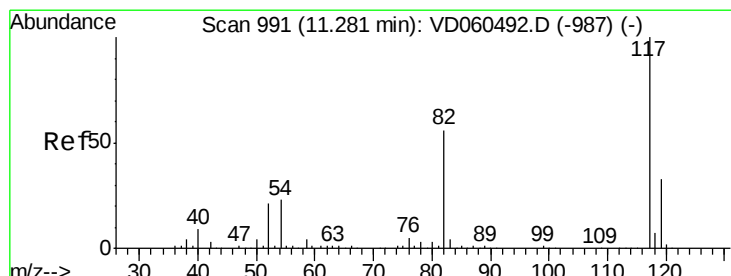
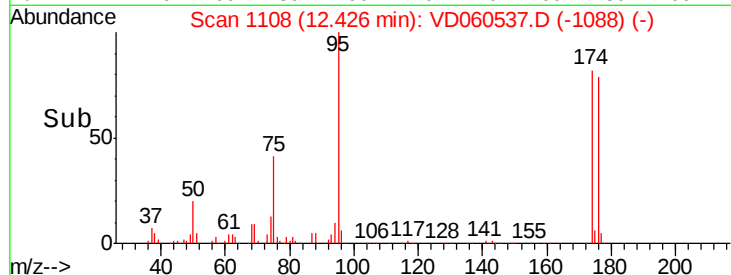
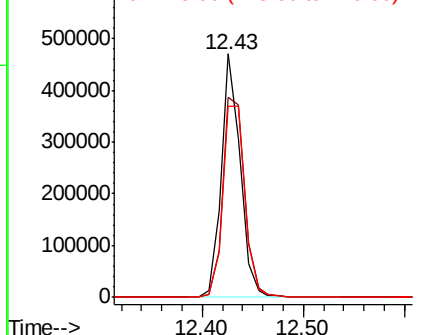
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.01 min
Lab File: VD060537.D
Acq: 11 Dec 2018 15:59

Instrument :
MSVOA_D
ClientSampleId :
RICH-REC-ROAD-STONE-8

Tot Ion: 95 Resp: 617318
Ion Ratio Lower Upper
95 100
174 82.4 0.0 219.4
176 78.7 0.0 214.6

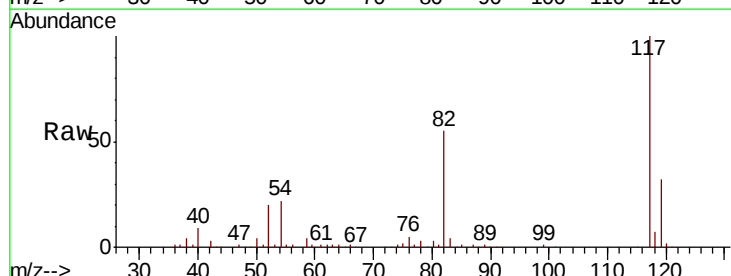


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

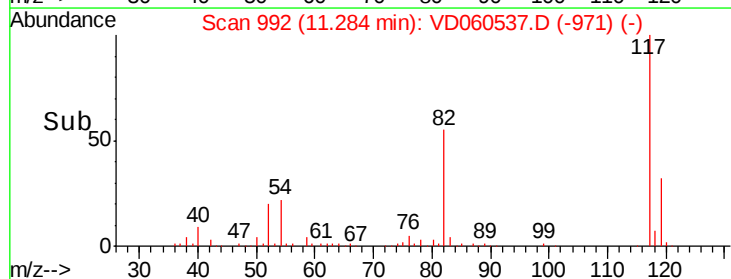
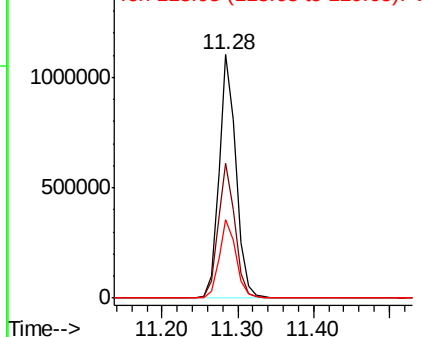


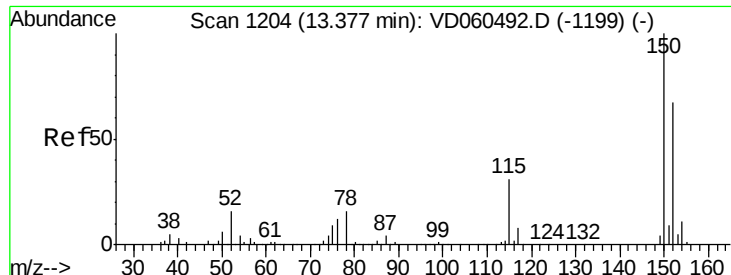
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 992
Delta R.T. 0.00 min
Lab File: VD060537.D
Acq: 11 Dec 2018 15:59

Tgt Ion: 117 Resp: 1736649
Ion Ratio Lower Upper
117 100
82 55.2 45.2 67.8
119 32.5 26.1 39.1



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

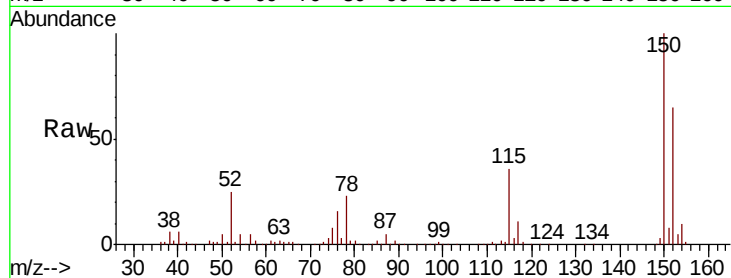




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.37 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: VD060537.D
 Acq: 11 Dec 2018 15:59

Instrument :
 MSVOA_D
 ClientSampleId :
 RICH-REC-ROAD-STONE-8

Tot Ion:152 Resp: 820348
 Ion Ratio Lower Upper
 152 100
 115 56.2 24.6 74.0
 150 154.5 0.0 309.0



Abundance Ion 151.90 (151.60 to 152.60): V
 1200000 Ion 115.00 (114.70 to 115.70): V
 1000000 Ion 149.90 (149.60 to 150.60): V

