

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081518\
 Data File : VD059805.D
 Acq On : 15 Aug 2018 19:43
 Operator : VA/AP
 Sample : J4478-02RE
 Misc : 9.84g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RICH-REC-ROAD-STONE-5RE

Quant Time: Aug 16 08:17:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081518S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 15 16:08:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	218083	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.68	114	270561	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	232779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	114361	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.00	65	148485	52.99	ug/l	-0.02
Spiked Amount						
			Recovery	=	105.98%	
35) Dibromofluoromethane	5.53	113	122556	51.98	ug/l	-0.02
Spiked Amount						
			Recovery	=	103.96%	
50) Toluene-d8	8.69	98	270522	48.44	ug/l	-0.02
Spiked Amount						
			Recovery	=	96.88%	
62) 4-Bromofluorobenzene	11.93	95	113739	45.47	ug/l	0.00
Spiked Amount						
			Recovery	=	90.94%	

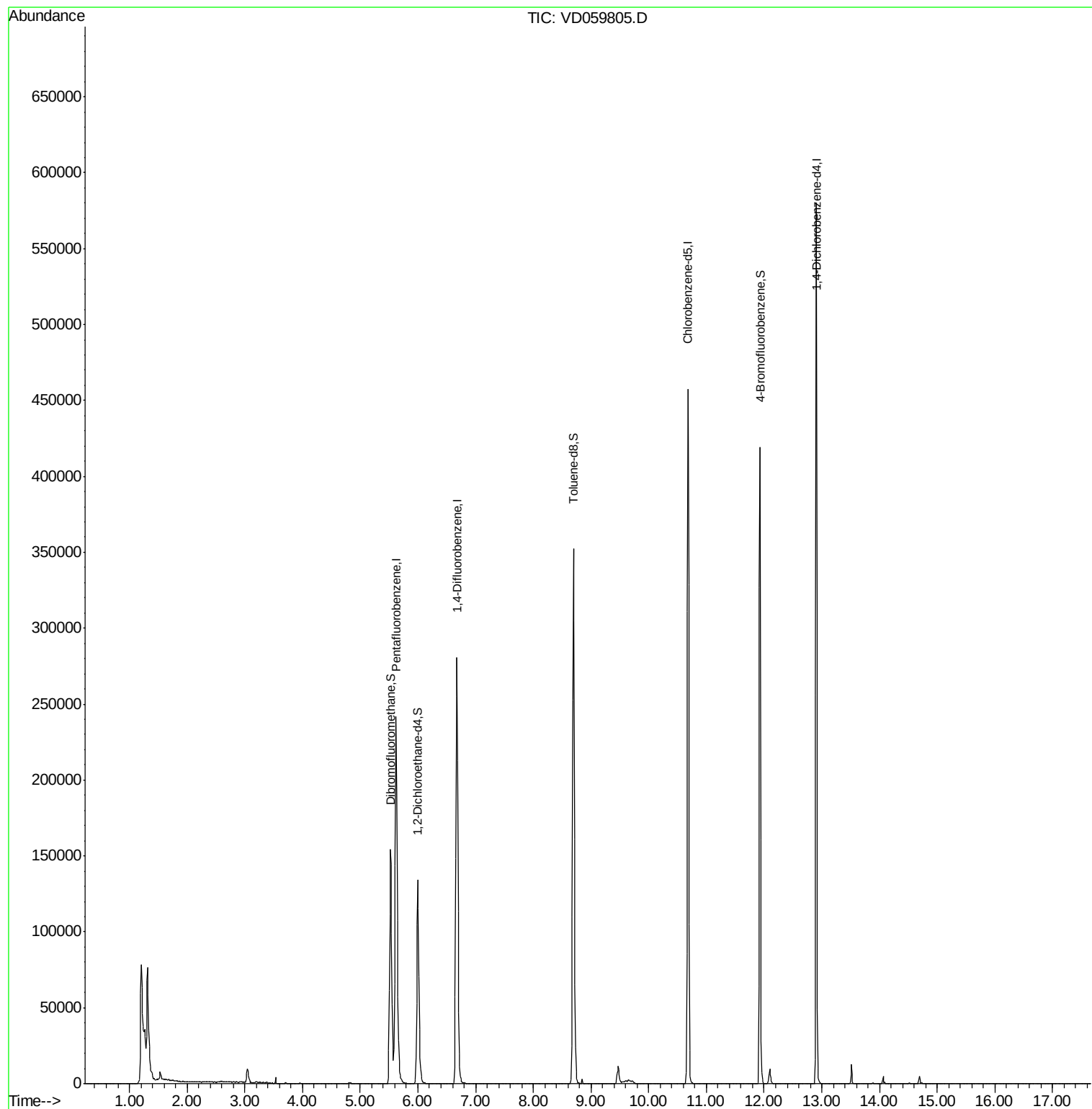
Target Compounds	Qvalue

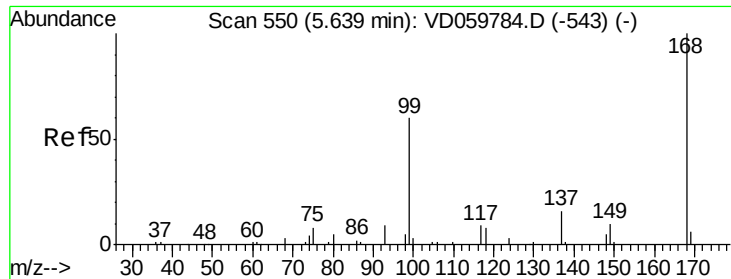
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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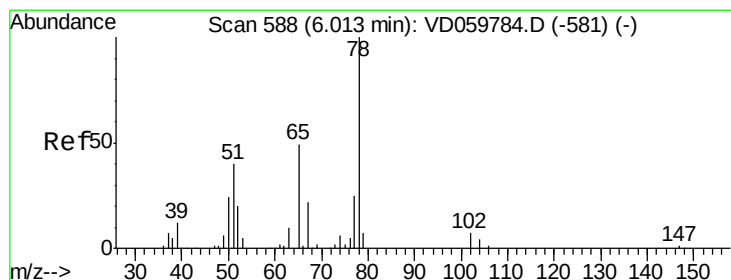
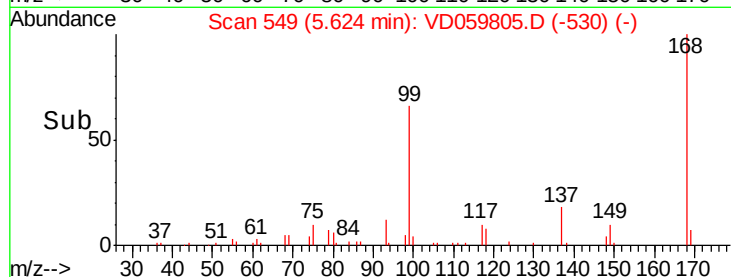
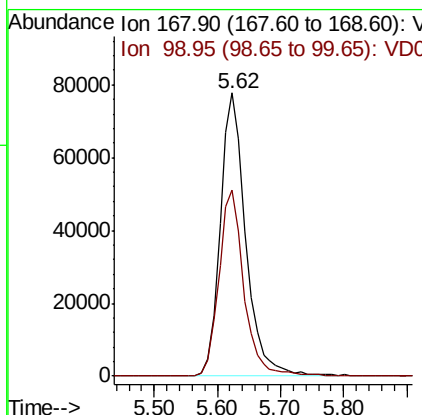
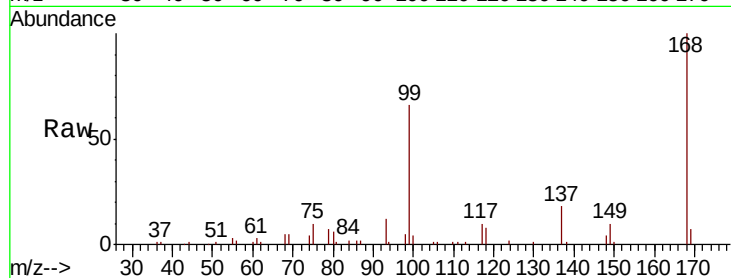




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.62 min Scan# 549
Delta R.T. -0.02 min
Lab File: VD059805.D
Acq: 15 Aug 2018 19:43

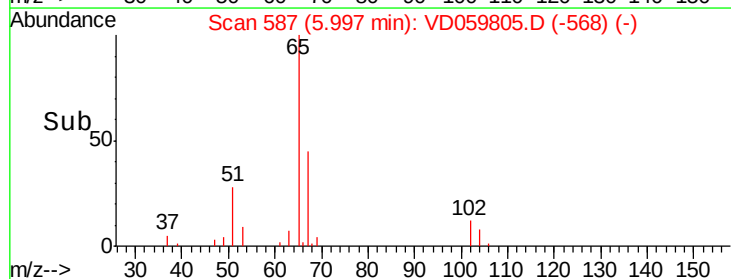
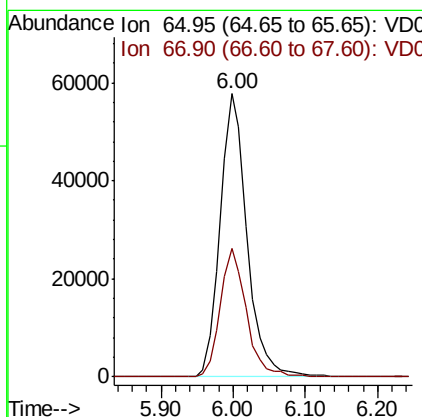
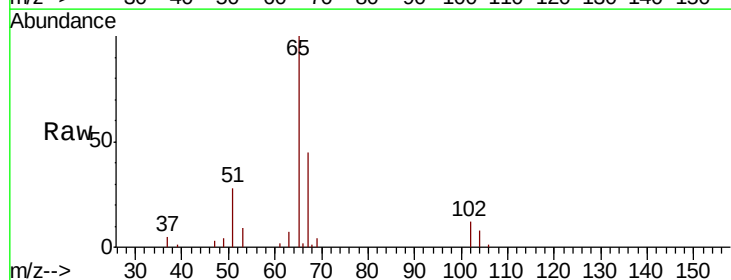
Instrument :
MSVOA_D
ClientSampleId :
RICH-REC-ROAD-STONE-5RE

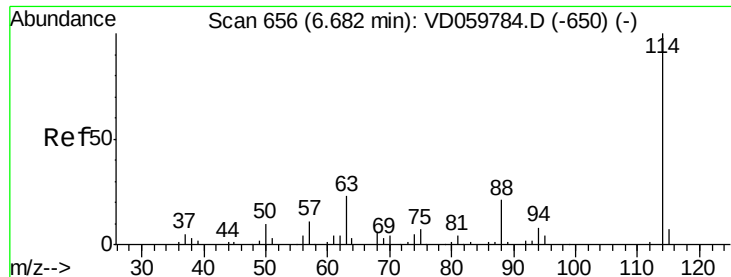
Tot Ion:168 Resp: 218083
Ion Ratio Lower Upper
168 100
99 65.9 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.00 min Scan# 587
Delta R.T. -0.02 min
Lab File: VD059805.D
Acq: 15 Aug 2018 19:43

Tgt Ion: 65 Resp: 148485
Ion Ratio Lower Upper
65 100
67 45.3 0.0 87.8

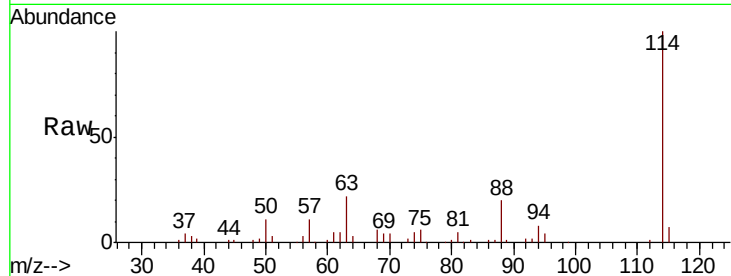




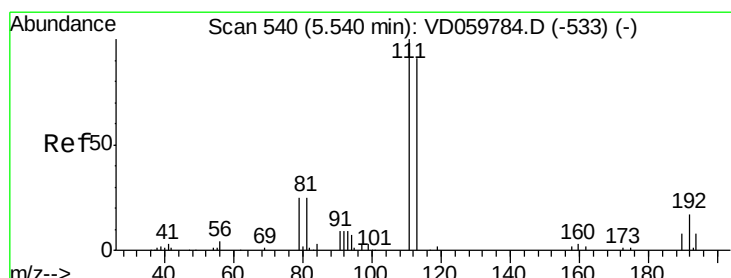
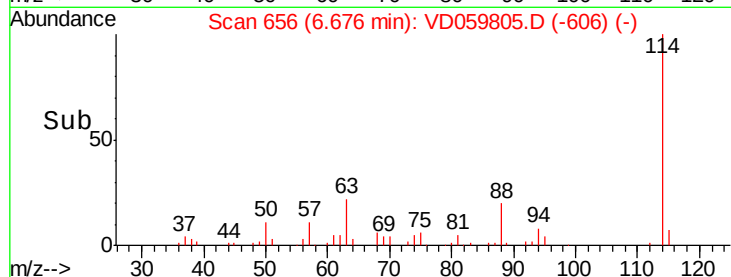
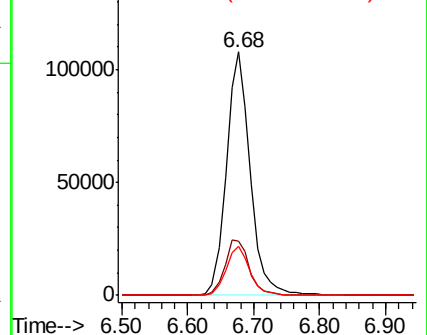
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: VD059805.D
 Acq: 15 Aug 2018 19:43

Instrument :
 MSVOA_D
 ClientSampleId :
 RICH-REC-ROAD-STONE-5RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	45.0
88	20.2	0.0	41.2

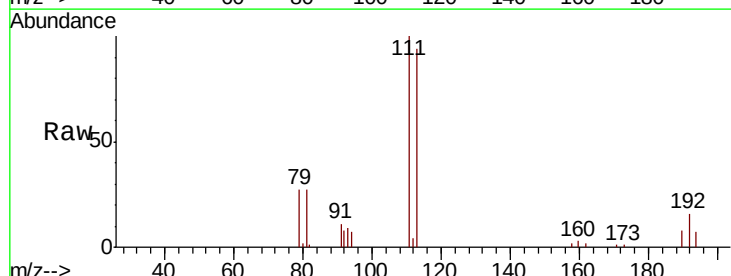


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

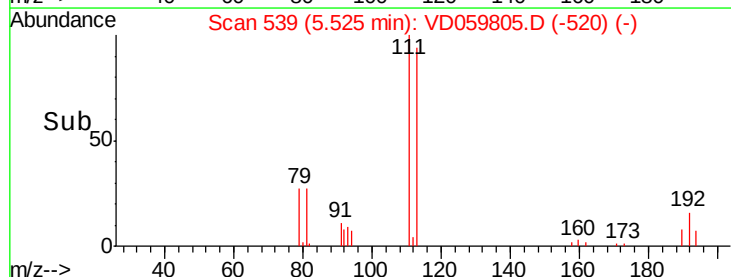
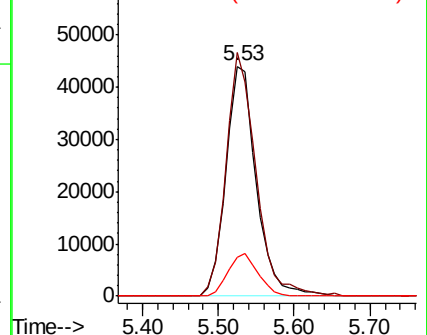


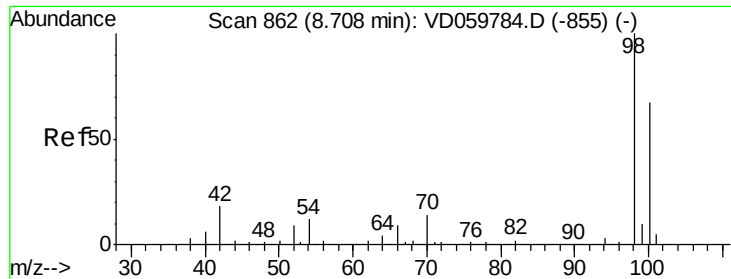
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.53 min Scan# 539
 Delta R.T. -0.02 min
 Lab File: VD059805.D
 Acq: 15 Aug 2018 19:43

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.8	87.7	131.5
192	16.9	14.6	21.8



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

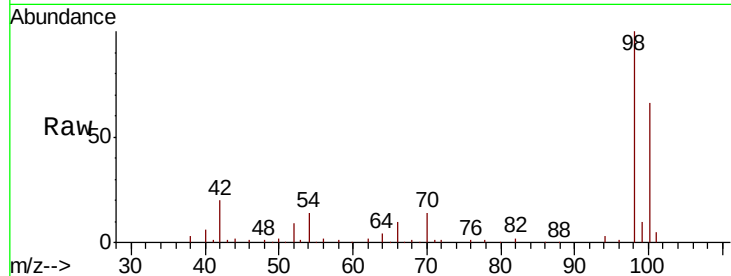




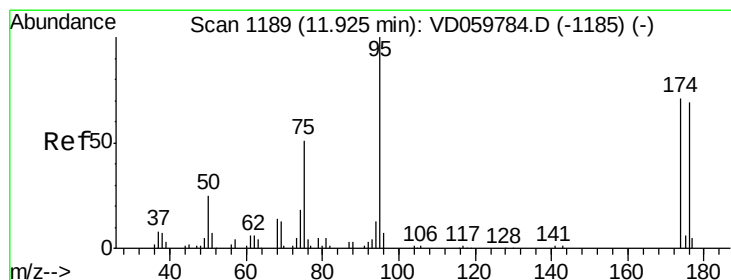
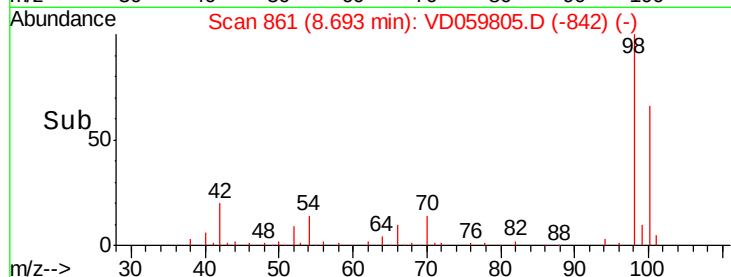
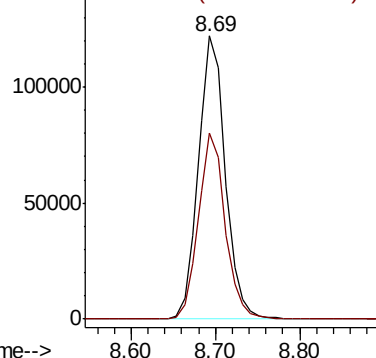
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 861
Delta R.T. -0.02 min
Lab File: VD059805.D
Acq: 15 Aug 2018 19:43

Instrument :
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Tot Ion: 98 Resp: 270522
Ion Ratio Lower Upper
98 100
100 66.0 54.2 81.4

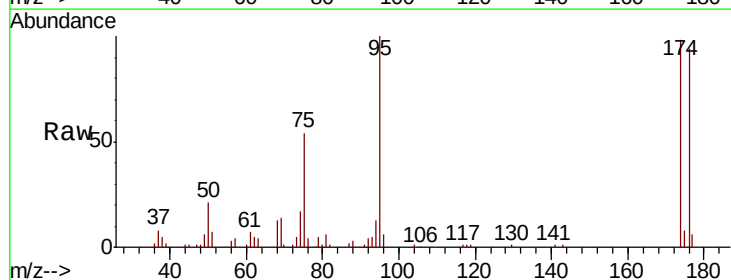


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

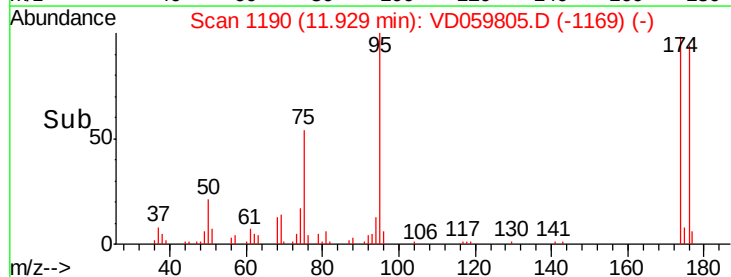
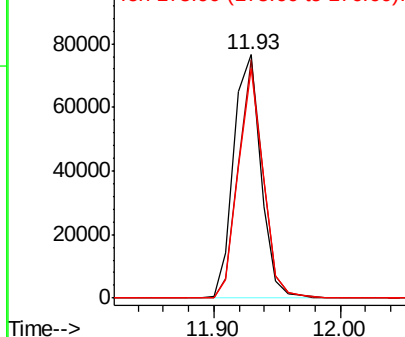


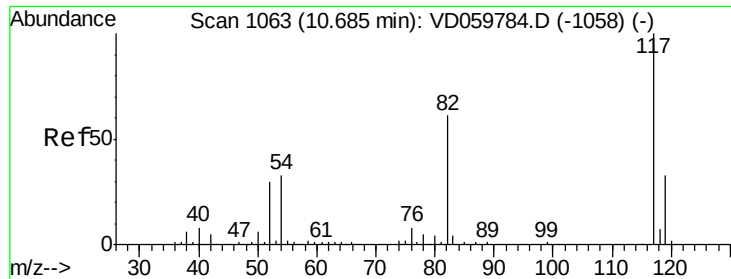
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1190
Delta R.T. 0.00 min
Lab File: VD059805.D
Acq: 15 Aug 2018 19:43

Tgt Ion: 95 Resp: 113739
Ion Ratio Lower Upper
95 100
174 97.9 0.0 142.2
176 94.1 0.0 137.4



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.68 min Scan# 1063

Delta R.T. -0.01 min

Lab File: VD059805.D

Acq: 15 Aug 2018 19:43

Instrument :

MSVOA_D

ClientSampleId :

RICH-REC-ROAD-STONE-5RE

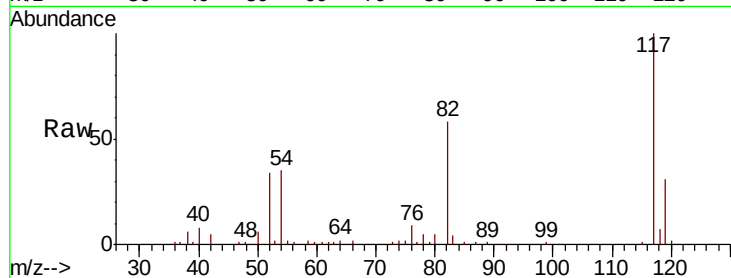
Tot Ion:117 Resp: 232779

Ion Ratio Lower Upper

117 100

82 58.1 49.0 73.6

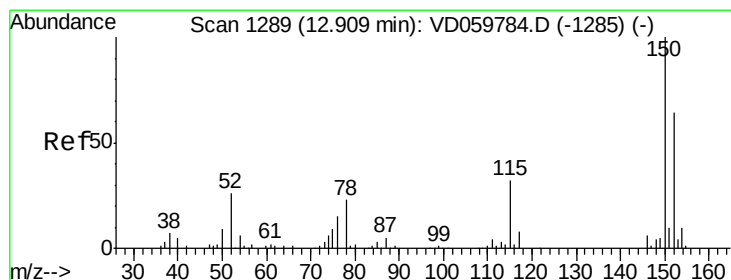
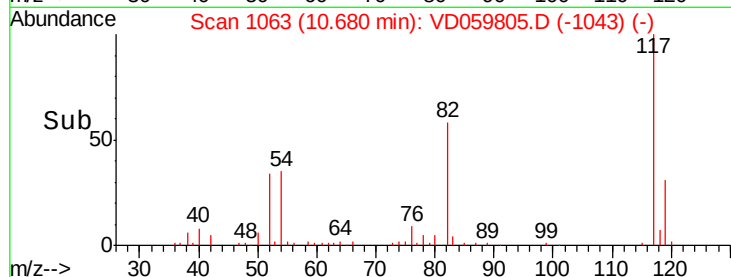
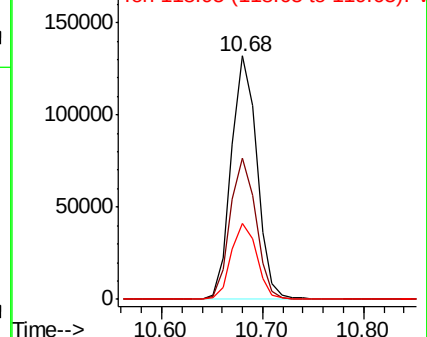
119 31.3 26.2 39.2



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: 50.00 ug/l

RT: 12.90 min Scan# 1289

Delta R.T. -0.01 min

Lab File: VD059805.D

Acq: 15 Aug 2018 19:43

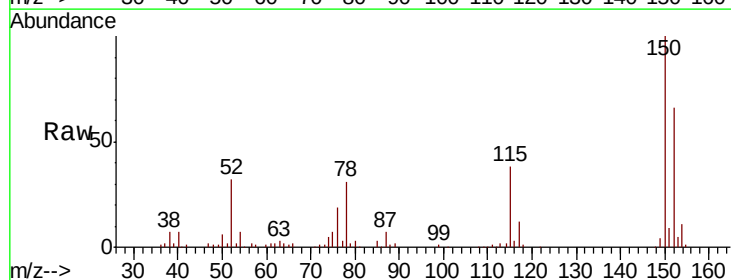
Tgt Ion:152 Resp: 114361

Ion Ratio Lower Upper

152 100

115 58.1 27.2 81.5

150 151.6 0.0 312.4



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

