

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010919\
 Data File : VW008098.D
 Acq On : 09 Jan 2019 13:03
 Operator : SY/AP
 Sample : K1073-02RE
 Misc : 4.39G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RICH-REC-ROAD-STONE-9RE

Quant Time: Jan 10 06:16:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

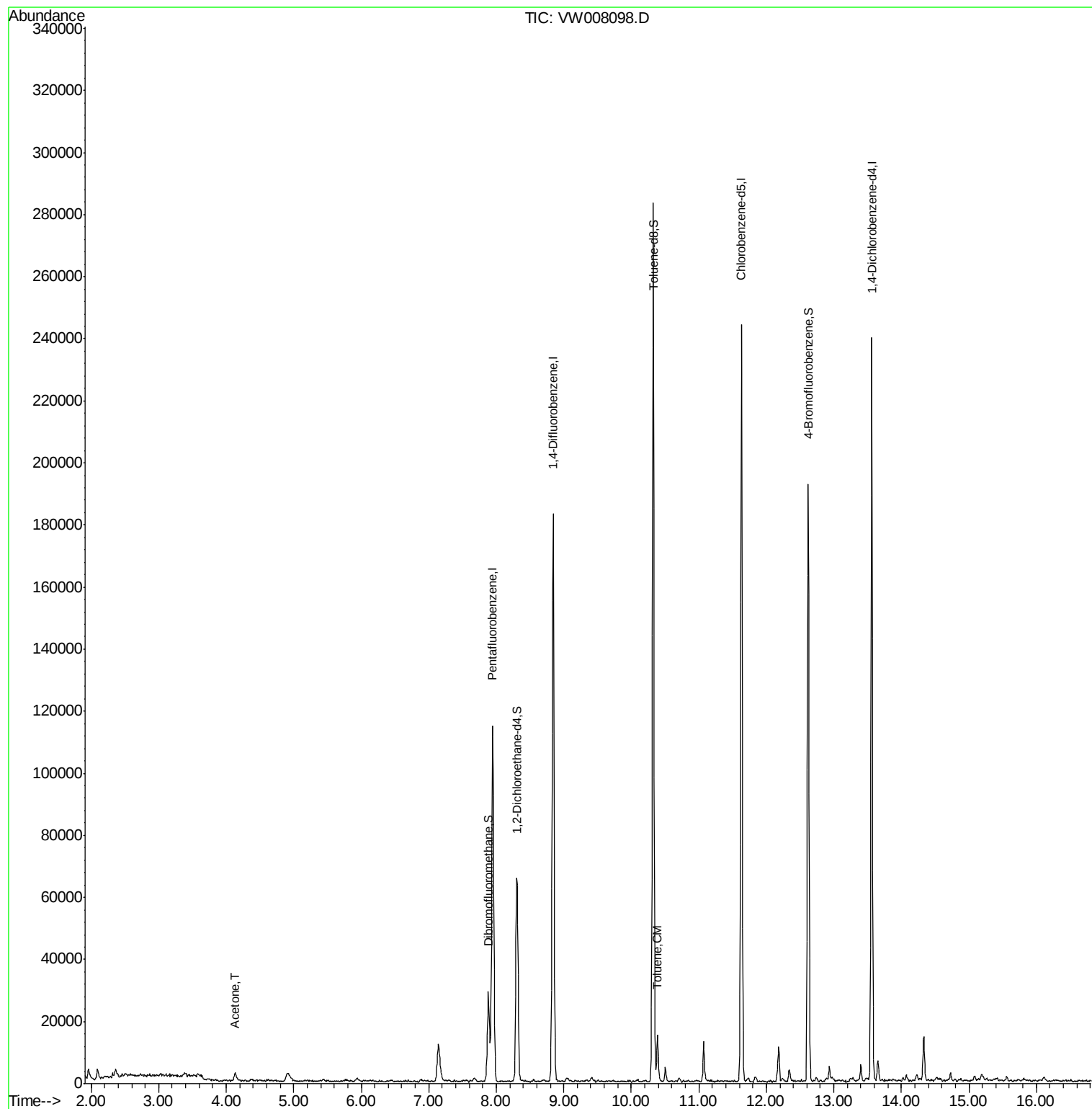
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	83028	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	148204	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	129835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	59316	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	49542	53.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.18%	
35) Dibromofluoromethane	7.88	113	20812	24.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	48.16%	
50) Toluene-d8	10.32	98	184571	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
62) 4-Bromofluorobenzene	12.62	95	61430	47.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.48%	
Target Compounds						
16) Acetone	4.14	43	4296	4.874	ug/l	99
52) Toluene	10.39	92	6310	2.386	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008098.D

Acq: 09 Jan 2019 13:03

Instrument :

MSVOA_W

ClientSampleId :

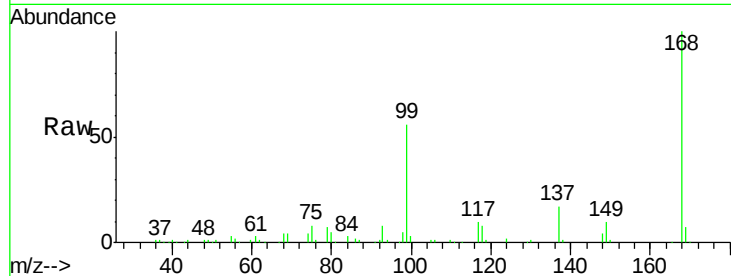
RICH-REC-ROAD-STONE-9RE

Tot Ion:168 Resp: 83028

Ion Ratio Lower Upper

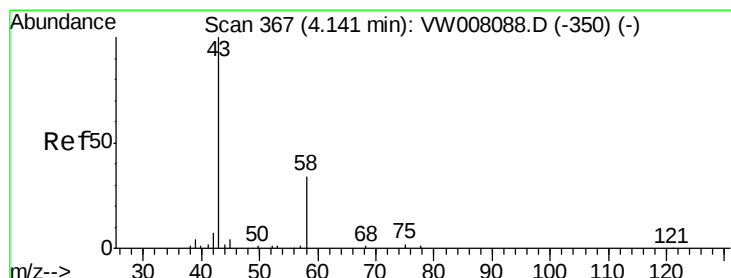
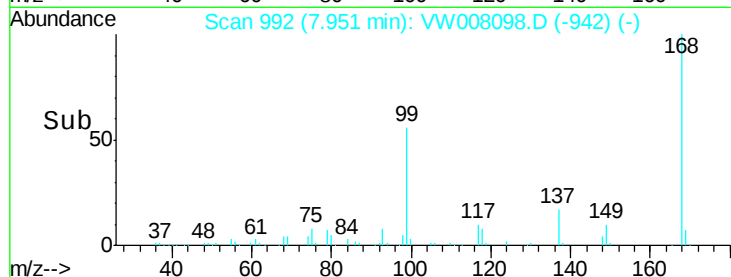
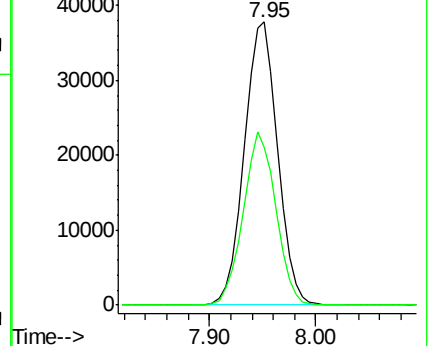
168 100

99 56.0 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 4.874 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW008098.D

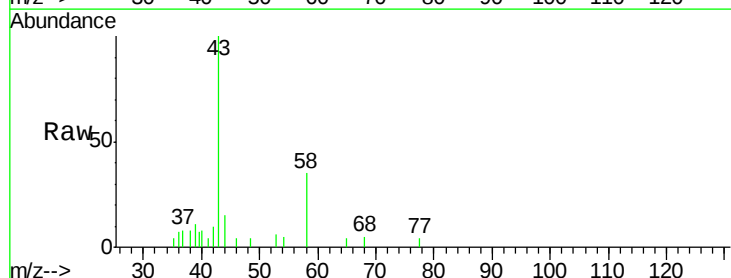
Acq: 09 Jan 2019 13:03

Tgt Ion: 43 Resp: 4296

Ion Ratio Lower Upper

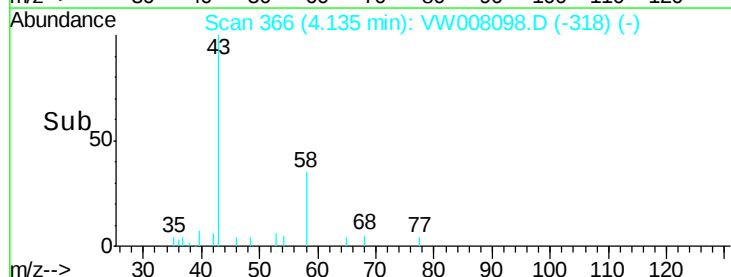
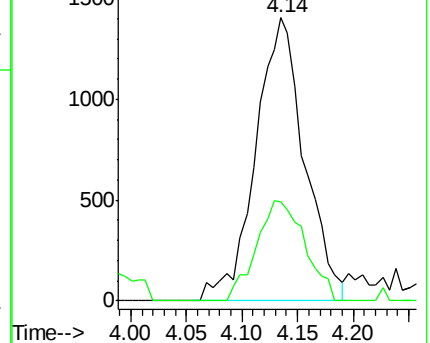
43 100

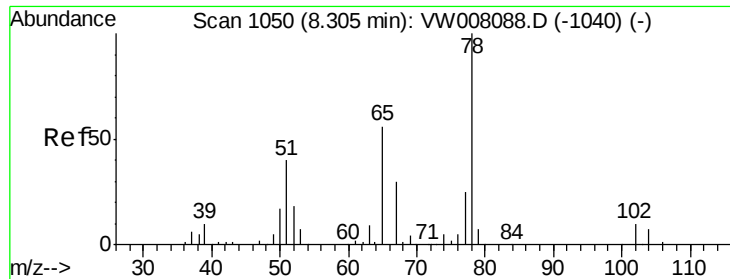
58 35.1 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

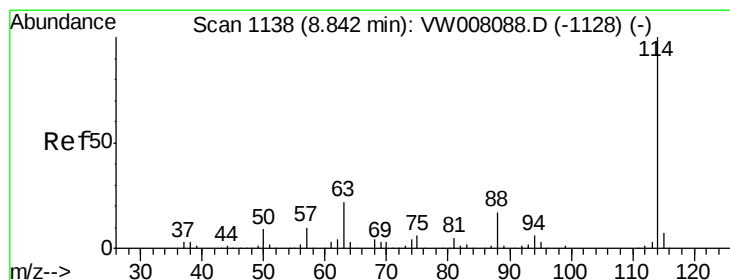
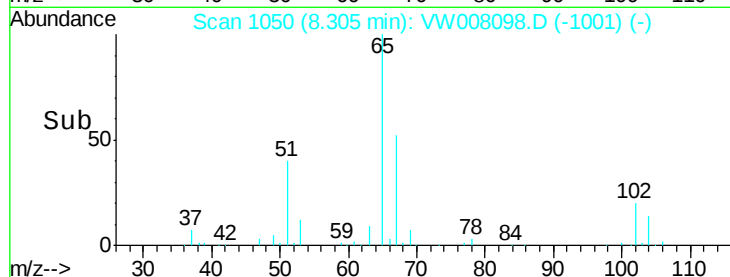
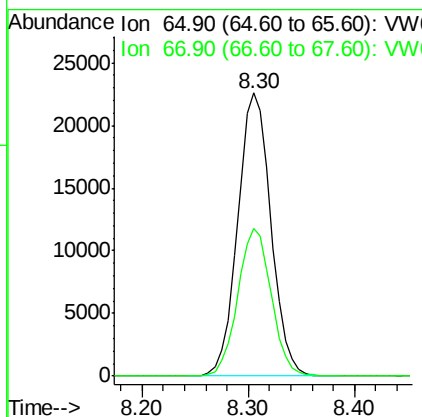
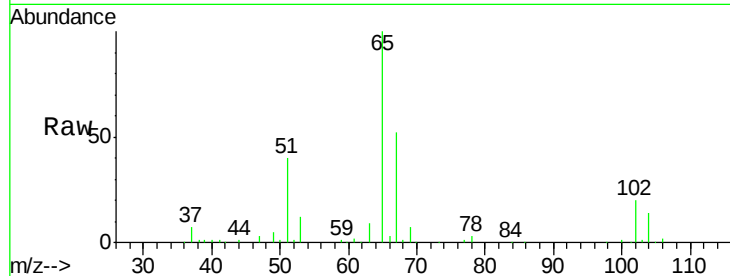




#33
 1,2-Dichloroethane-d4
 Concen: 53.090 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008098.D
 Acq: 09 Jan 2019 13:03

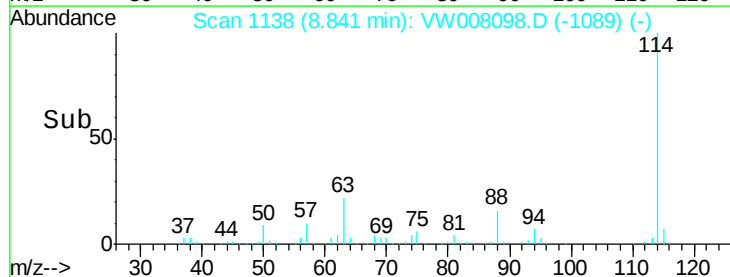
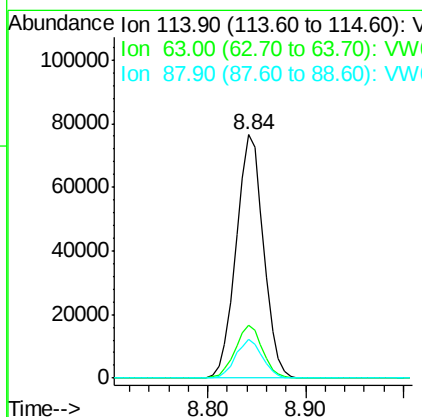
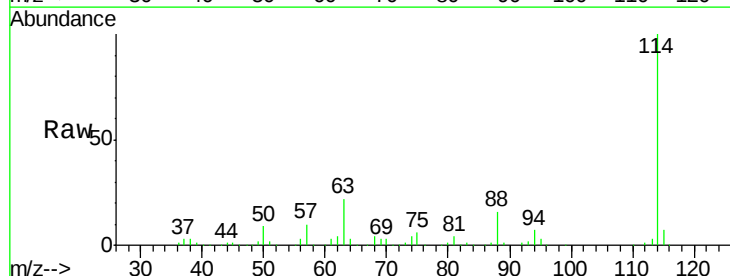
Instrument :
 MSVOA_W
 ClientSampleId :
 RICH-REC-ROAD-STONE-9RE

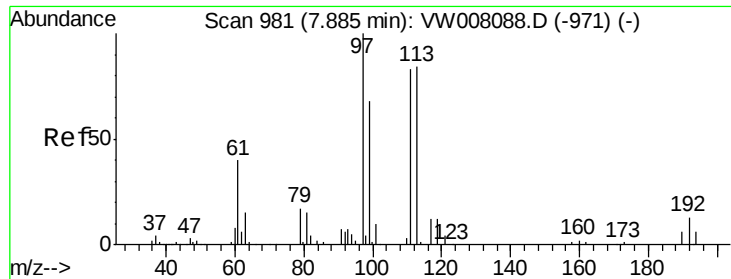
Tot Ion: 65 Resp: 49542
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008098.D
 Acq: 09 Jan 2019 13:03

Tgt Ion: 114 Resp: 148204
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.4
 88 16.0 0.0 33.4

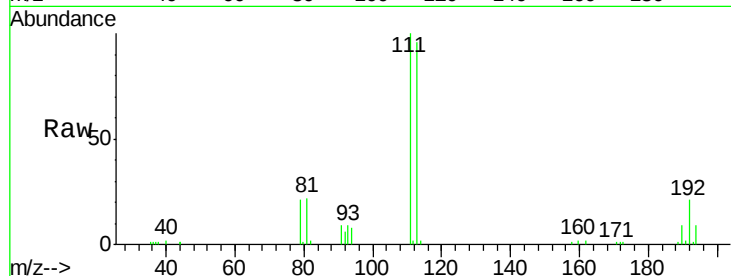




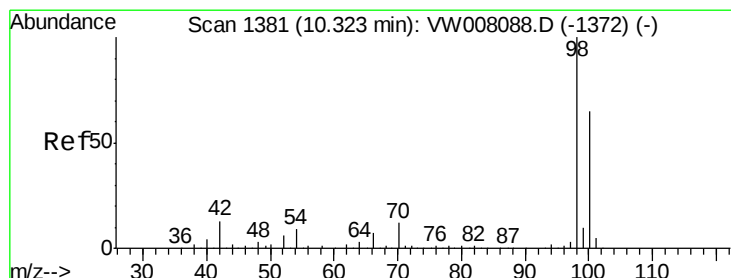
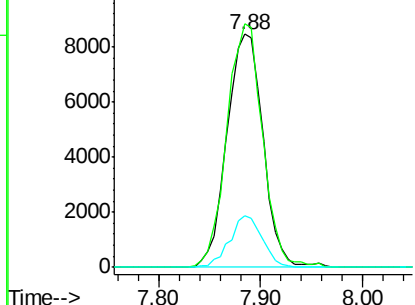
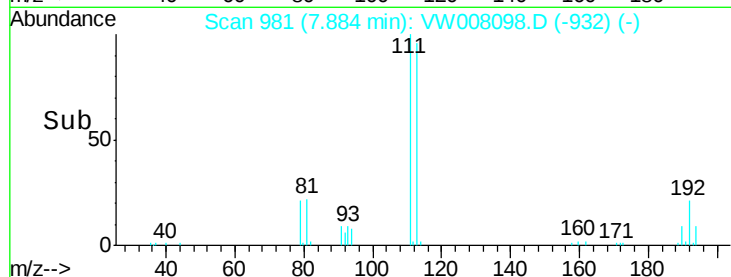
#35
Dibromofluoromethane
Concen: 24.077 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW008098.D
Acq: 09 Jan 2019 13:03

Instrument :
MSVOA_W
ClientSampleId :
RICH-REC-ROAD-STONE-9RE

Tot Ion:113 Resp: 20812
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.8
192 20.0 12.8 19.2#

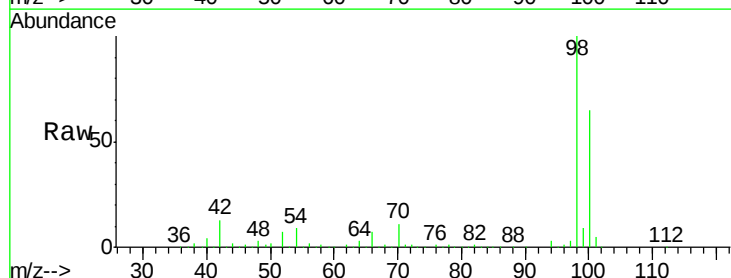


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

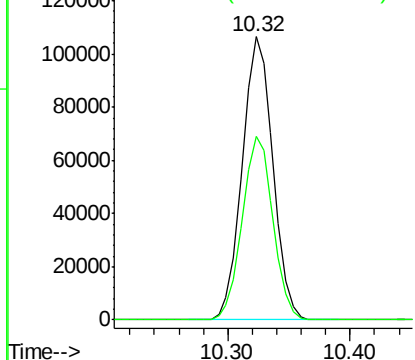
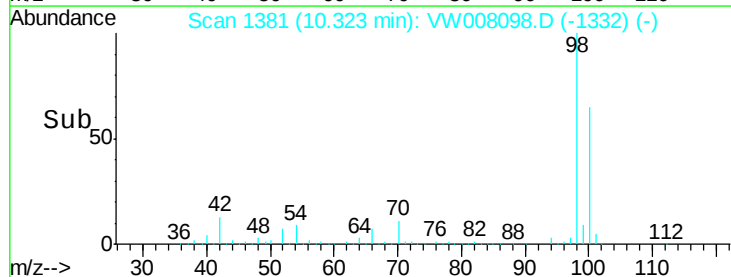


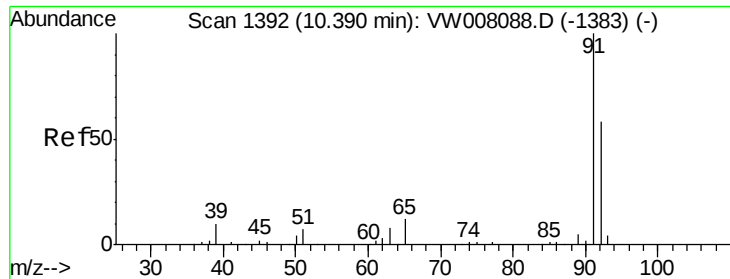
#50
Toluene-d8
Concen: 50.884 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008098.D
Acq: 09 Jan 2019 13:03

Tgt Ion: 98 Resp: 184571
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 2.386 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008098.D

Acq: 09 Jan 2019 13:03

Instrument :

MSVOA_W

ClientSampleId :

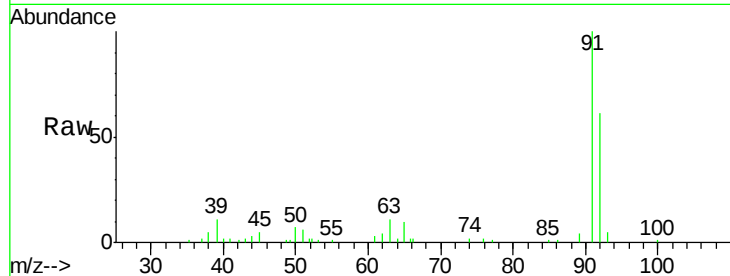
RICH-REC-ROAD-STONE-9RE

Tot Ion: 92 Resp: 6310

Ion Ratio Lower Upper

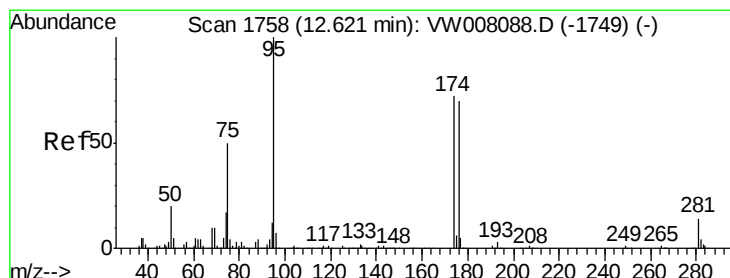
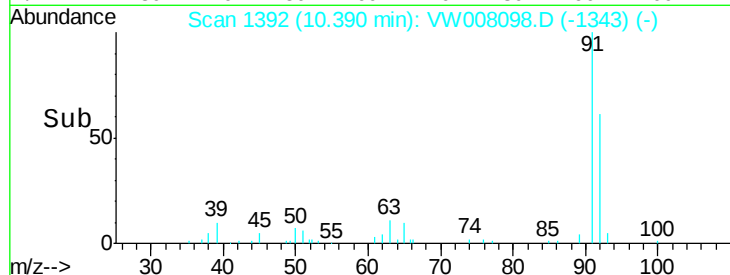
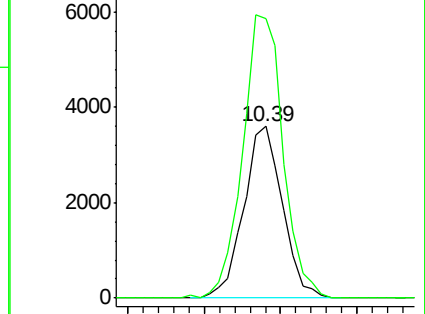
92 100

91 172.3 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#62

4-Bromofluorobenzene

Concen: 47.240 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008098.D

Acq: 09 Jan 2019 13:03

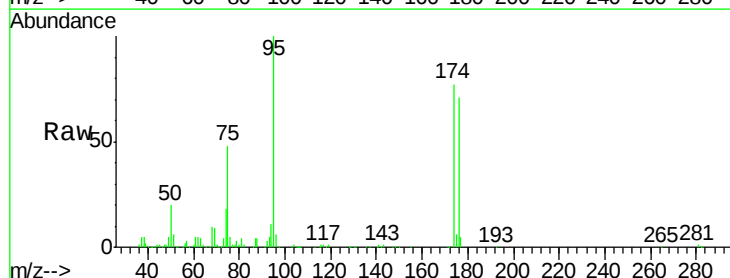
Tgt Ion: 95 Resp: 61430

Ion Ratio Lower Upper

95 100

174 77.1 0.0 143.0

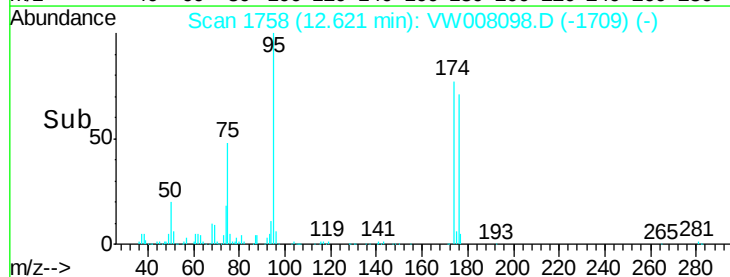
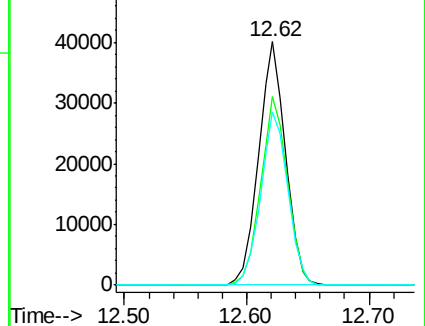
176 72.2 0.0 140.2

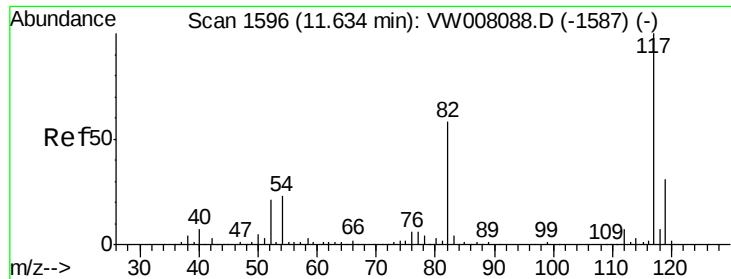


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

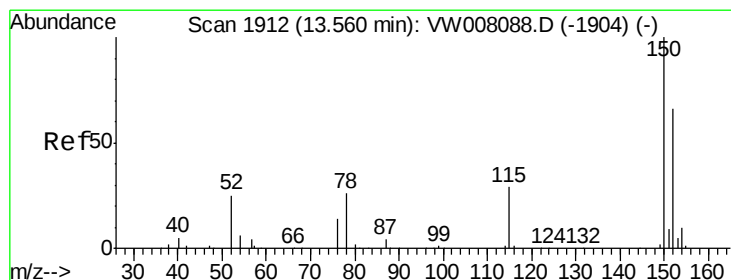
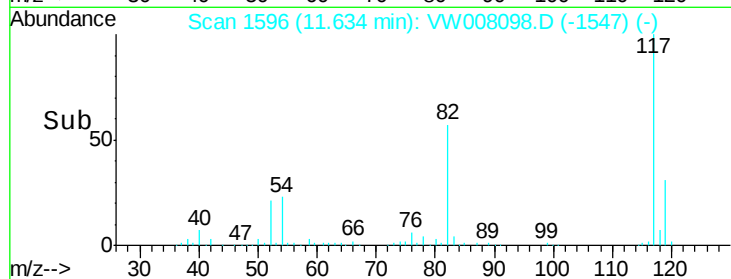
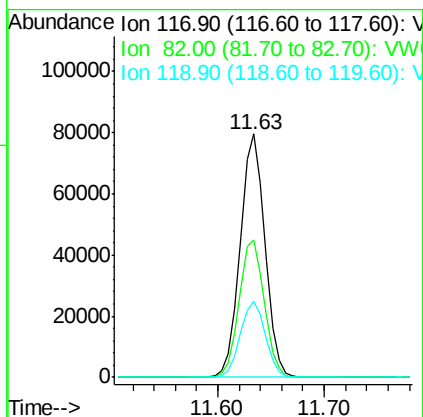
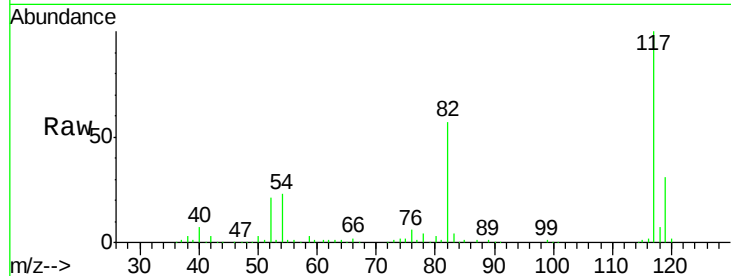




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008098.D
Acq: 09 Jan 2019 13:03

Instrument :
MSVOA_W
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RICH-REC-ROAD-STONE-9RE

Tot Ion:117 Resp: 129835
Ion Ratio Lower Upper
117 100
82 56.6 46.4 69.6
119 31.1 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008098.D
Acq: 09 Jan 2019 13:03

Tgt Ion:152 Resp: 59316
Ion Ratio Lower Upper
152 100
115 60.7 30.8 92.4
150 158.4 0.0 350.2

