

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082118\
 Data File : VW004876.D
 Acq On : 22 Aug 2018 08:19
 Operator : SY/AP
 Sample : J4585-01
 Misc : 4.77G/5ML/MSVOA W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WS-GRAVEL-STAIN

Quant Time: Aug 22 11:00:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

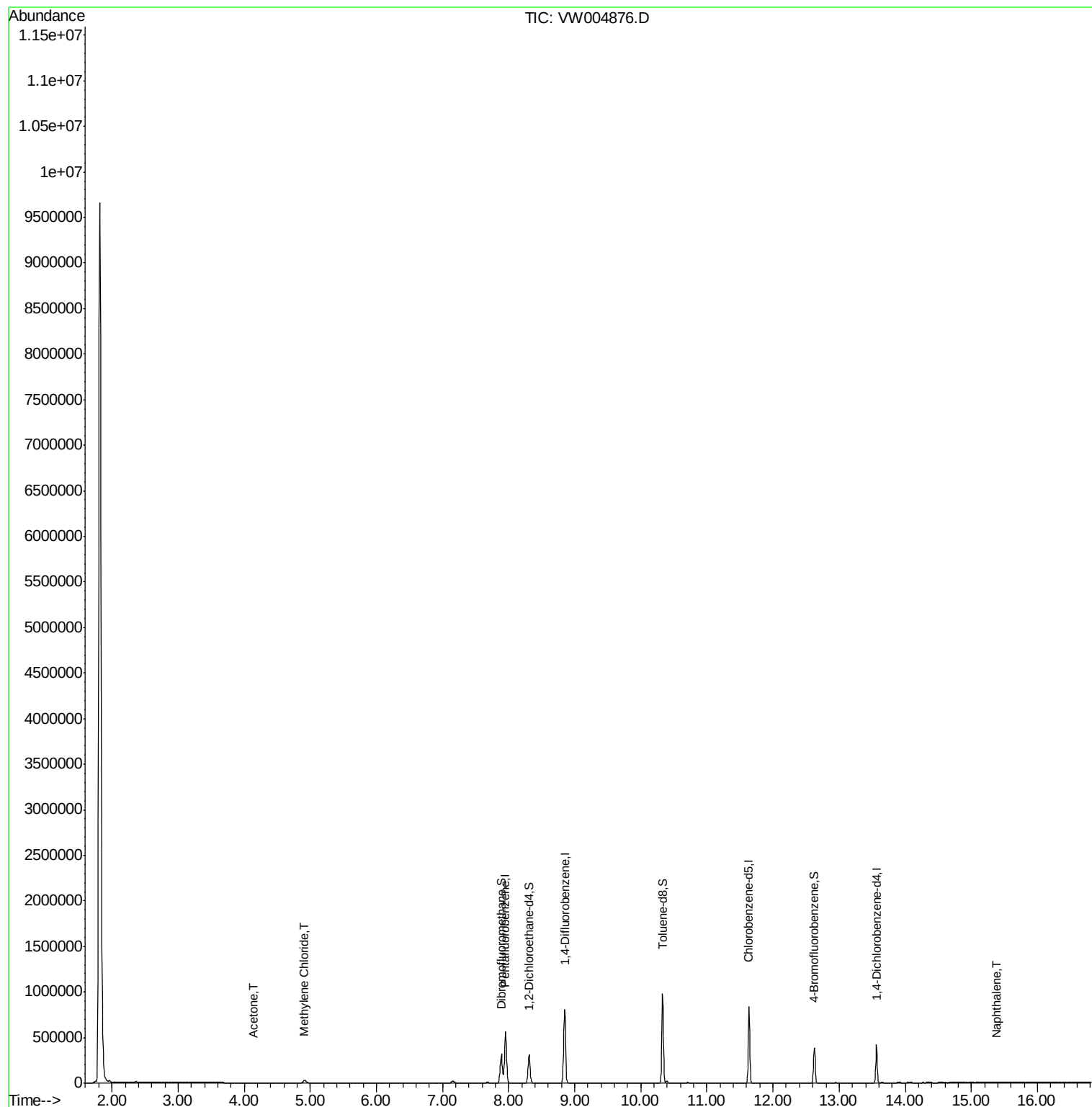
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	431157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	693710	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	485556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	115065	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	234861	56.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.68%	
35) Dibromofluoromethane	7.89	113	232176	52.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.74%	
50) Toluene-d8	10.33	98	660246	38.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.30%	
62) 4-Bromofluorobenzene	12.62	95	129499	20.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	41.60%	
Target Compounds						
16) Acetone	4.15	43	5601	5.26	ug/l	89
20) Methylene Chloride	4.92	84	25756	1.08	ug/l	95
95) Naphthalene	15.38	128	1104	3.72	ug/l #	86

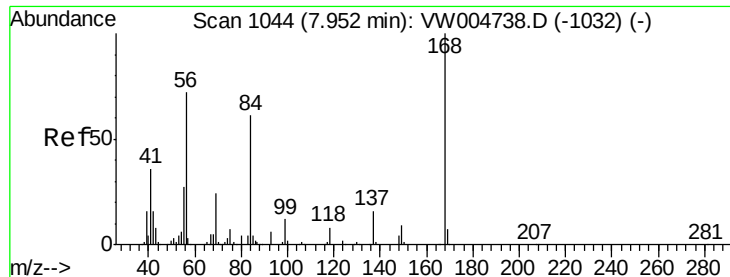
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004876.D

Acq: 22 Aug 2018 08:19

Instrument :

MSVOA_W

ClientSampleId :

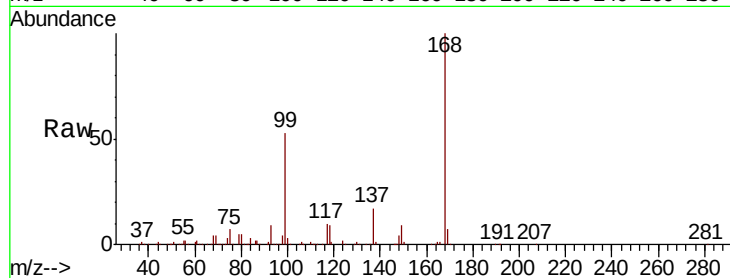
WS-GRAVEL-STAIN

Tot Ion:168 Resp: 431157

Ion Ratio Lower Upper

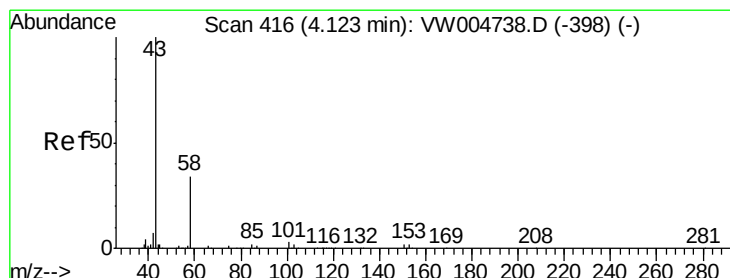
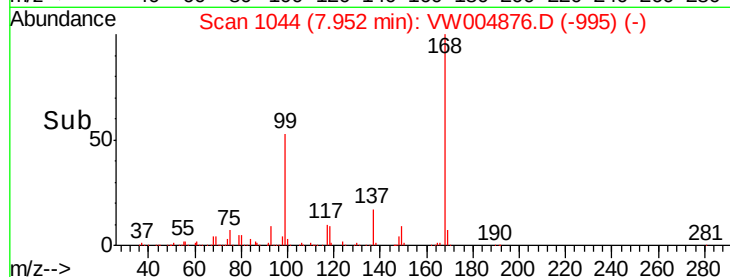
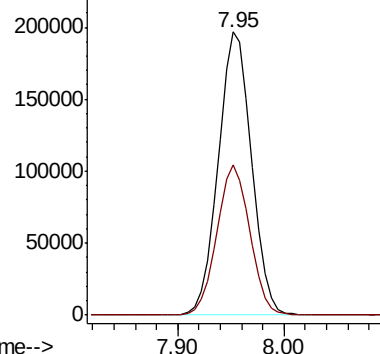
168 100

99 52.9 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 5.26 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.02 min

Lab File: VW004876.D

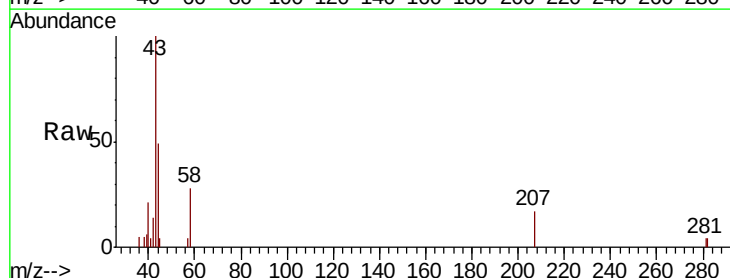
Acq: 22 Aug 2018 08:19

Tgt Ion: 43 Resp: 5601

Ion Ratio Lower Upper

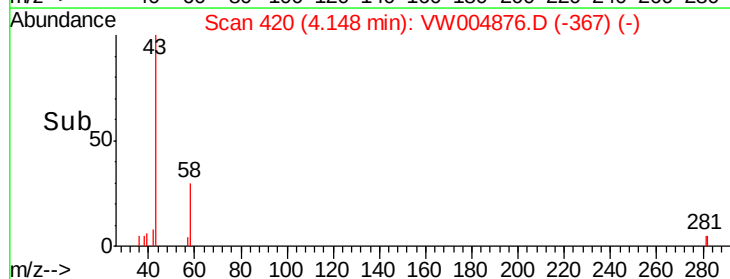
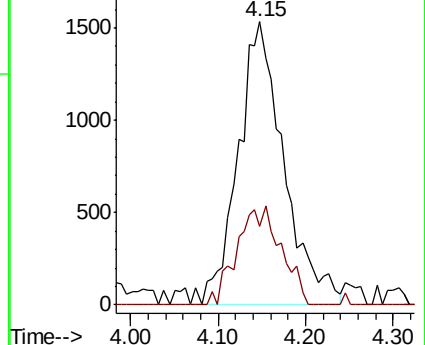
43 100

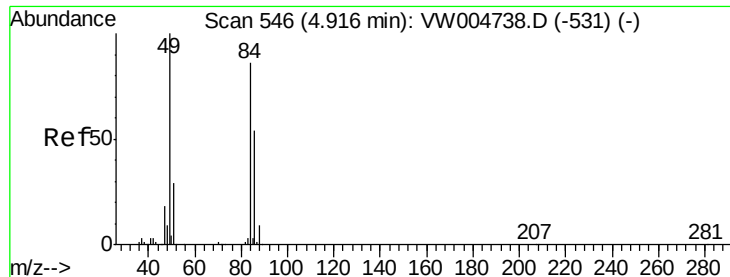
58 27.8 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

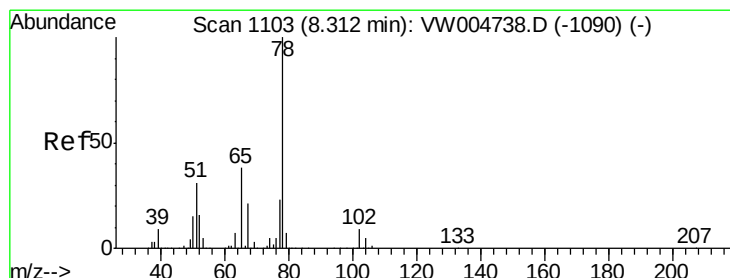
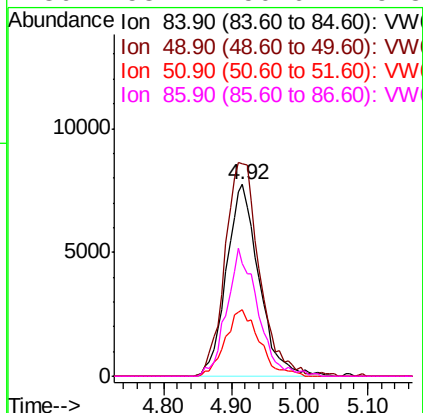
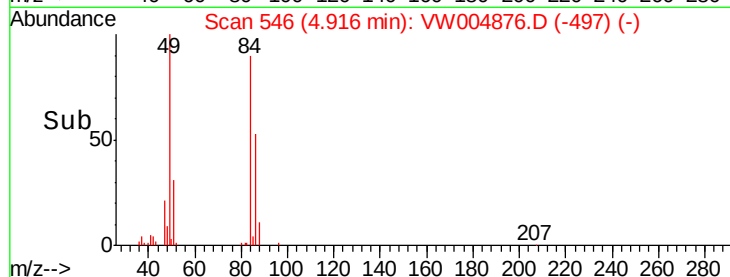
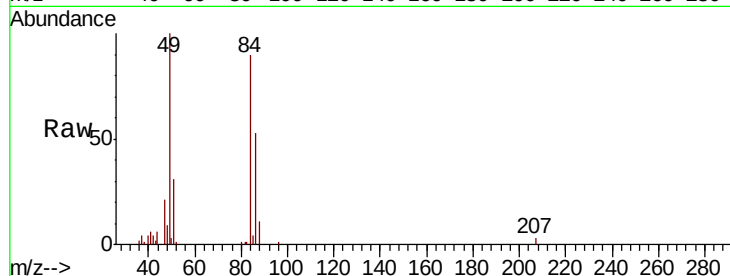




#20
Methylene Chloride
Concen: 1.08 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.00 min
Lab File: VW004876.D
Acq: 22 Aug 2018 08:19

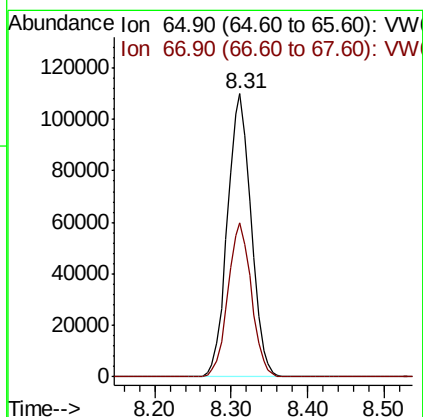
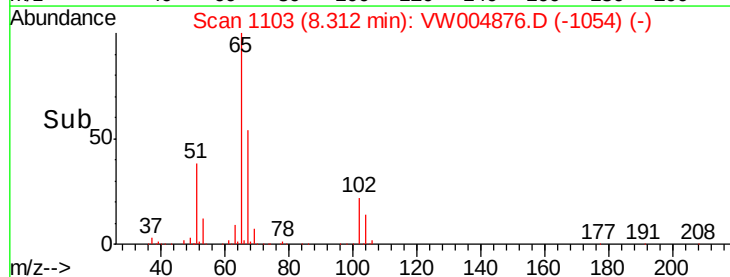
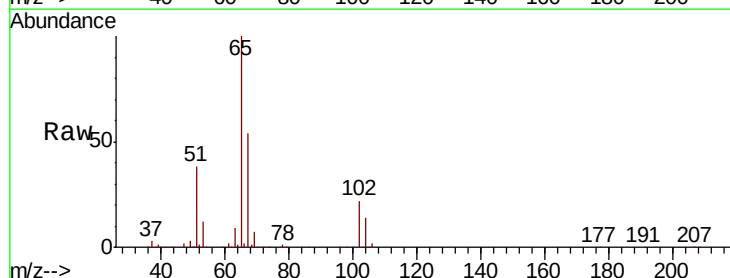
Instrument :
MSVOA_W
ClientSampleId :
WS-GRAVEL-STAIN

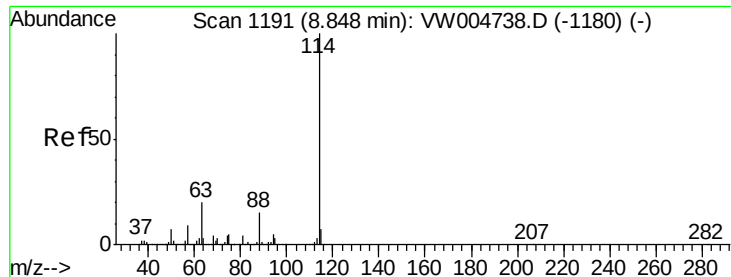
Tot Ion:	84	Resp:	25756
Ion	Ratio	Lower	Upper
84	100		
49	110.5	93.2	139.8
51	34.7	27.4	41.0
86	58.4	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 56.34 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW004876.D
Acq: 22 Aug 2018 08:19

Tgt Ion:	65	Resp:	234861
Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	109.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004876.D

Acq: 22 Aug 2018 08:19

Instrument :

MSVOA_W

ClientSampleId :

WS-GRAVEL-STAIN

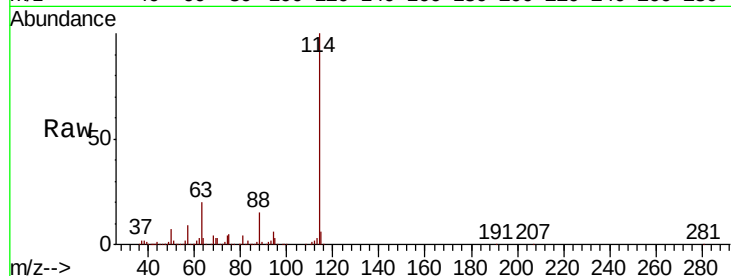
Tot Ion:114 Resp: 693710

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.0

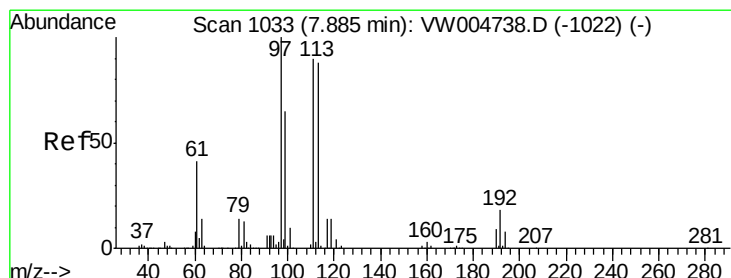
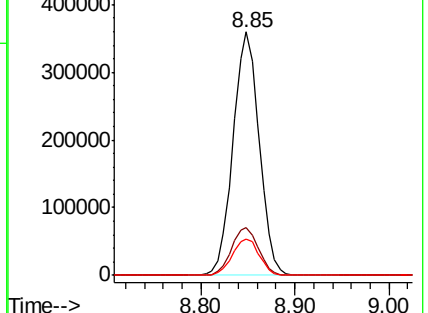
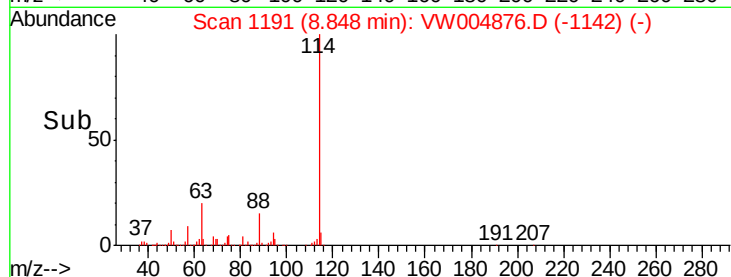
88 15.1 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 52.37 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW004876.D

Acq: 22 Aug 2018 08:19

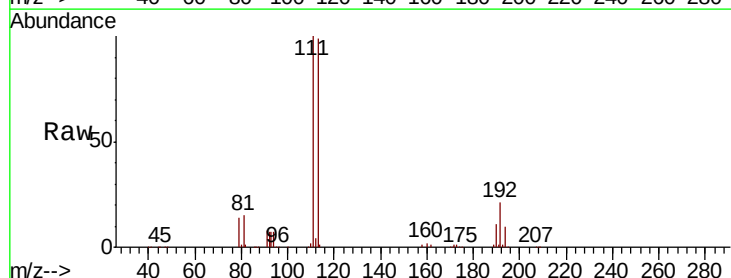
Tgt Ion:113 Resp: 232176

Ion Ratio Lower Upper

113 100

111 101.3 82.4 123.6

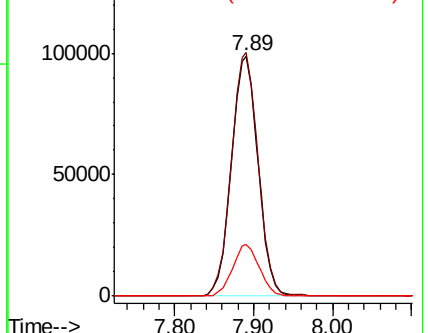
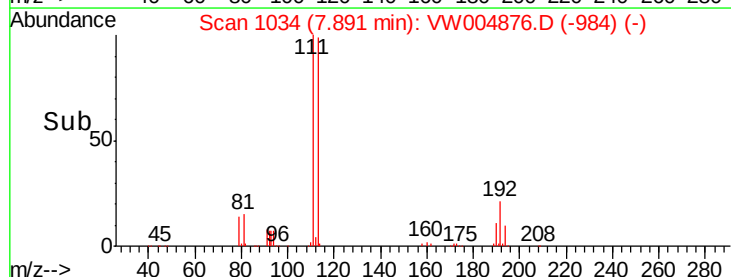
192 21.5 16.7 25.1

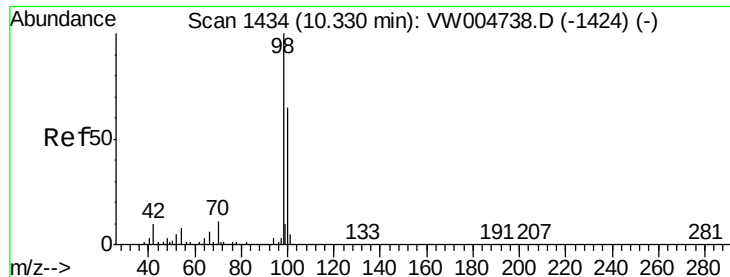


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 38.15 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004876.D

Acq: 22 Aug 2018 08:19

Instrument :

MSVOA_W

ClientSampleId :

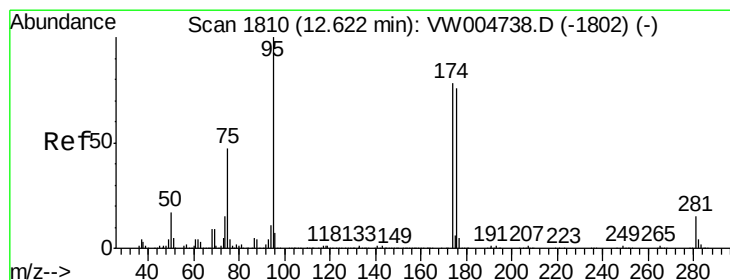
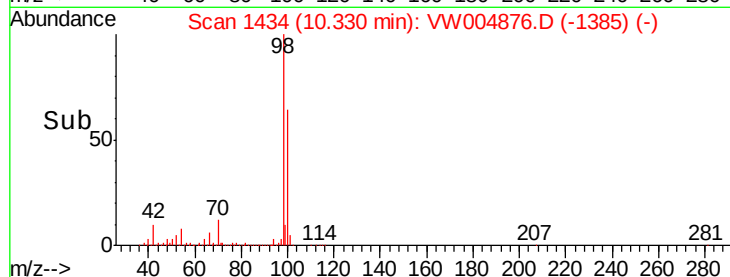
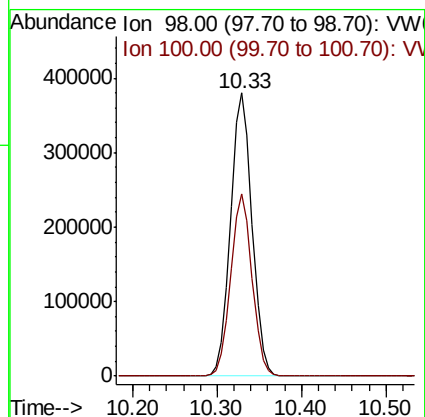
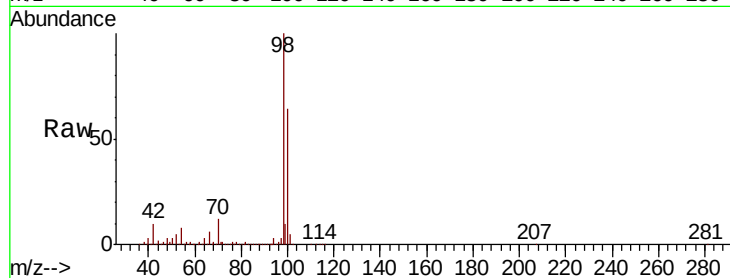
WS-GRAVEL-STAIN

Tot Ion: 98 Resp: 660246

Ion Ratio Lower Upper

98 100

100 63.6 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 20.80 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004876.D

Acq: 22 Aug 2018 08:19

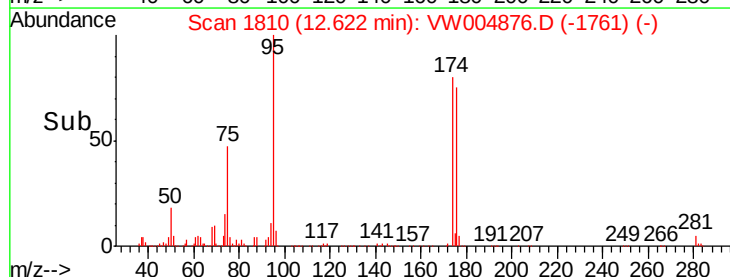
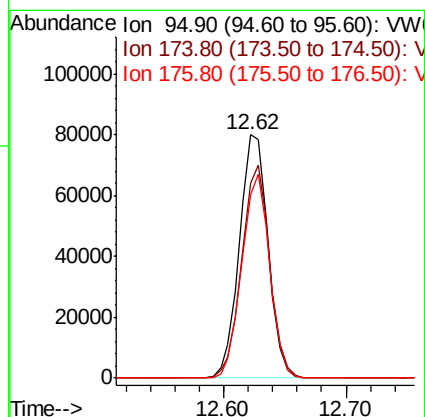
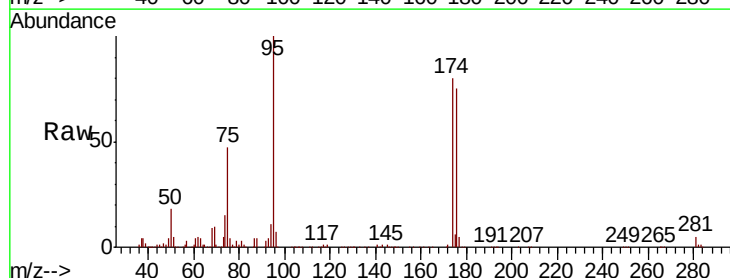
Tgt Ion: 95 Resp: 129499

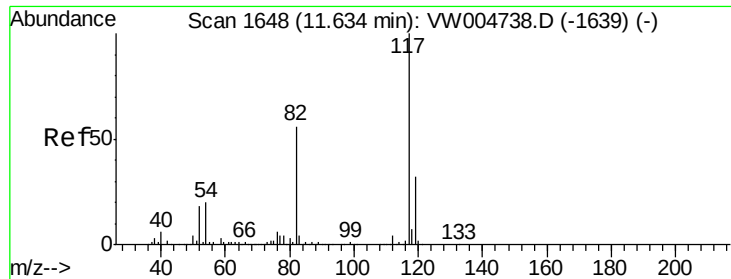
Ion Ratio Lower Upper

95 100

174 86.0 0.0 165.8

176 81.7 0.0 159.8

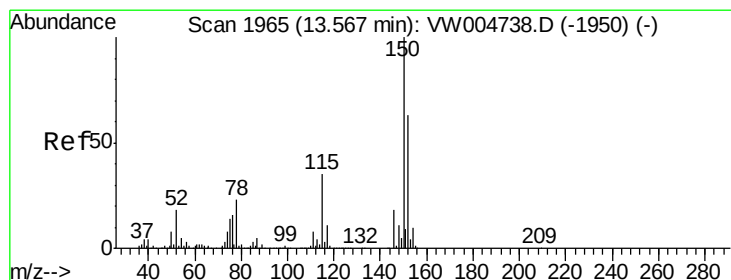
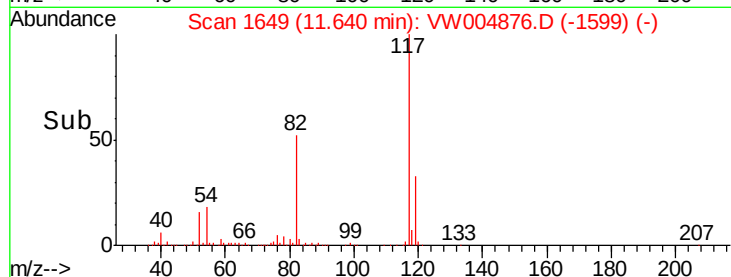
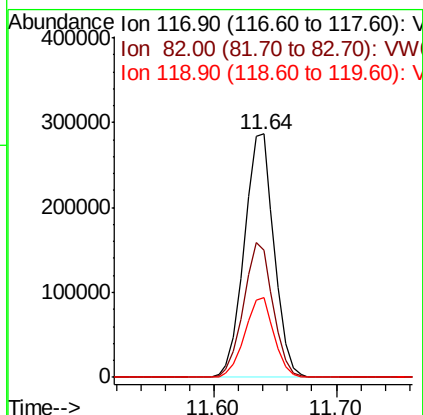
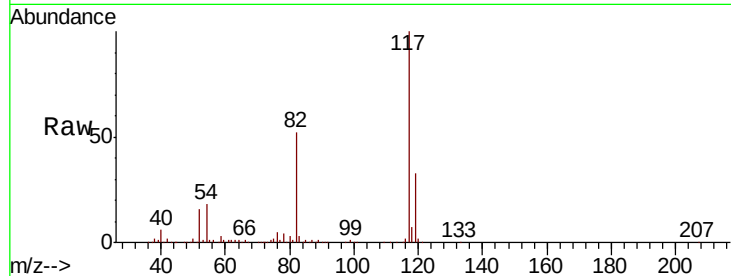




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW004876.D
Acq: 22 Aug 2018 08:19

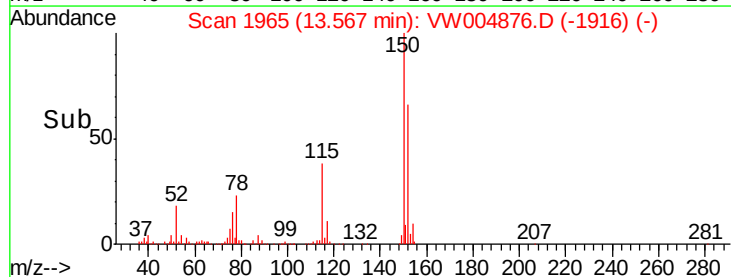
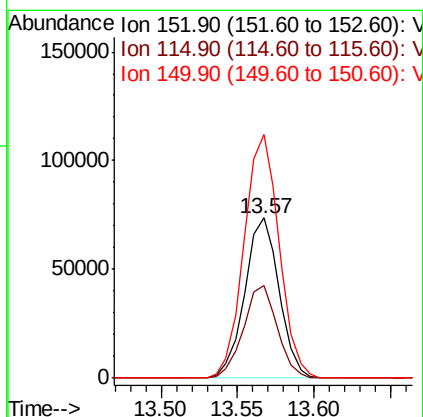
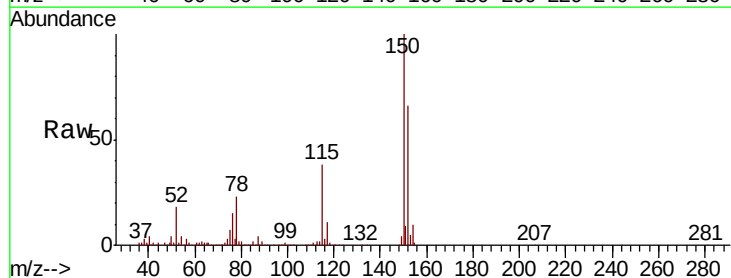
Instrument :
MSVOA_W
ClientSampleId :
WS-GRAVEL-STAIN

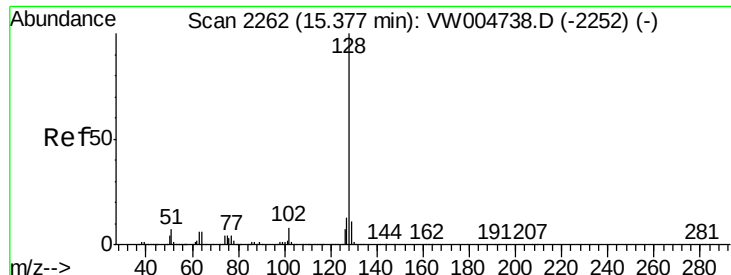
Tot Ion:117 Resp: 485556
Ion Ratio Lower Upper
117 100
82 52.4 44.6 67.0
119 32.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004876.D
Acq: 22 Aug 2018 08:19

Tgt Ion:152 Resp: 115065
Ion Ratio Lower Upper
152 100
115 57.1 28.5 85.5
150 155.3 0.0 344.8





#95

Naphthalene

Concen: 3.72 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004876.D

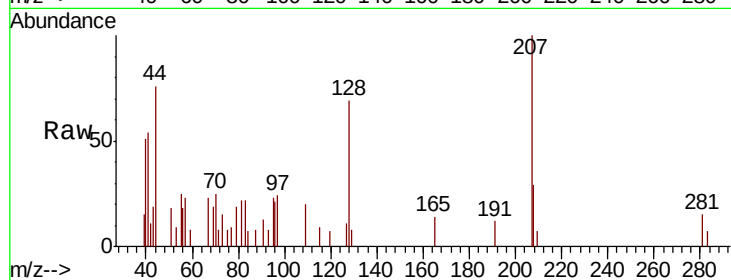
Acq: 22 Aug 2018 08:19

Instrument :

MSVOA_W

ClientSampleId :

WS-GRAVEL-STAIN



Tot Ion:	128	Resp:	1104
Ion	Ratio	Lower	Upper
128	100		
127	4.8	10.4	15.6#
129	8.7	8.6	13.0

