

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091818\
 Data File : VW005489.D
 Acq On : 18 Sep 2018 19:38
 Operator : SY/AP
 Sample : J4936-15RE
 Misc : 2.76G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 138-KVRE

Quant Time: Sep 19 06:36:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	87260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	96155	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	32395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	7030	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.32	65	37808	41.74	ug/l	0.00
Spiked Amount			Recovery	=	83.48%	
35) Dibromofluoromethane	7.90	113	34394	63.80	ug/l	0.00
Spiked Amount			Recovery	=	127.60%	
50) Toluene-d8	10.33	98	78299	31.71	ug/l	0.00
Spiked Amount			Recovery	=	63.42%	
62) 4-Bromofluorobenzene	12.62	95	12071	13.33	ug/l	0.00
Spiked Amount			Recovery	=	26.66%	

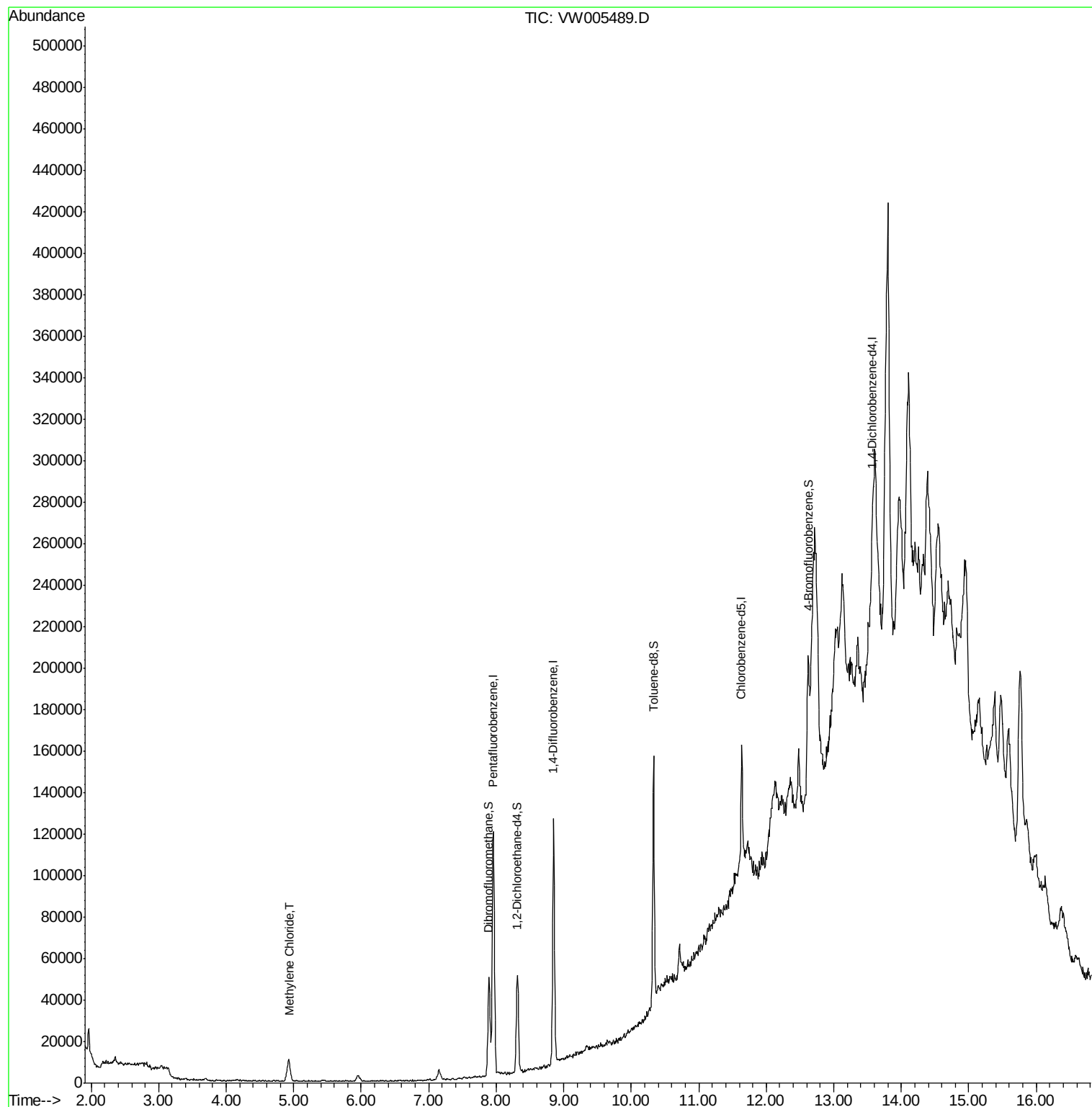
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.93	84	7596	3.06	ug/l	98

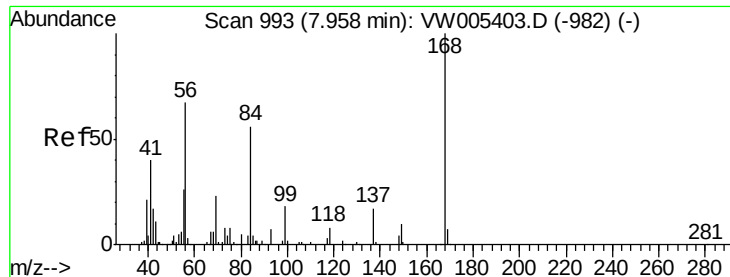
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005489.D

Acq: 18 Sep 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

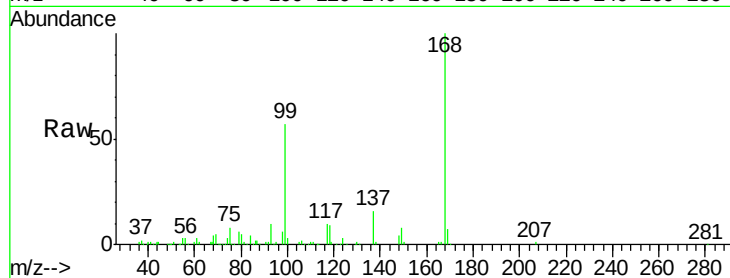
138-KVRE

Tot Ion:168 Resp: 87260

Ion Ratio Lower Upper

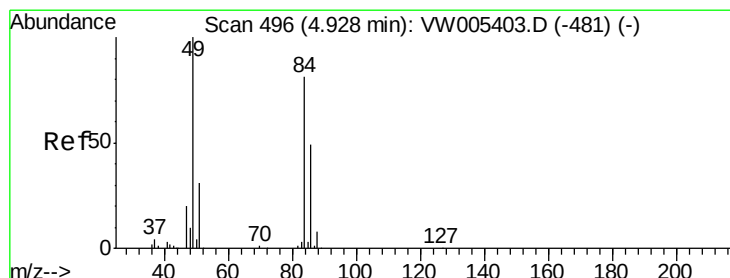
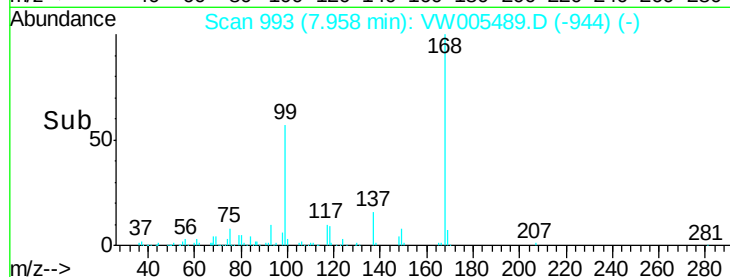
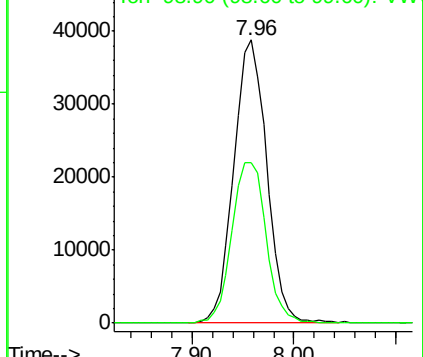
168 100

99 56.6 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 3.06 ug/l

RT: 4.93 min Scan# 497

Delta R.T. 0.01 min

Lab File: VW005489.D

Acq: 18 Sep 2018 19:38

Tgt Ion: 84 Resp: 7596

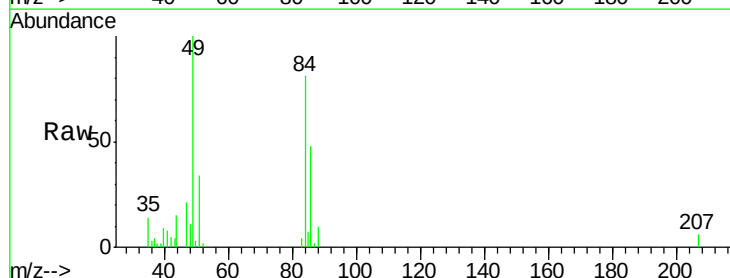
Ion Ratio Lower Upper

84 100

49 124.1 99.3 148.9

51 41.6 31.1 46.7

86 59.1 49.1 73.7

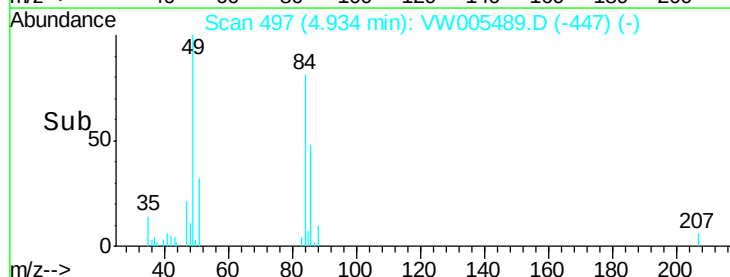
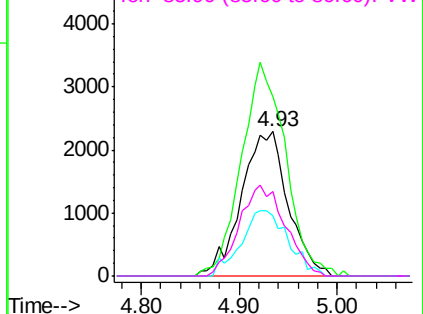


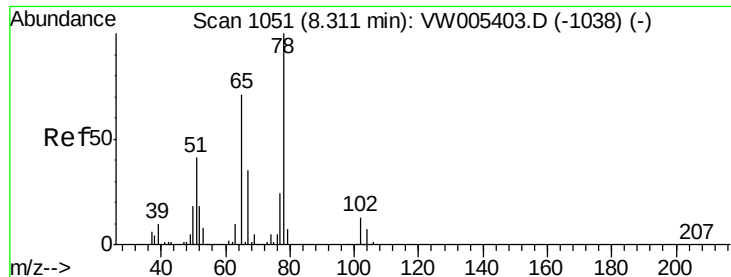
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

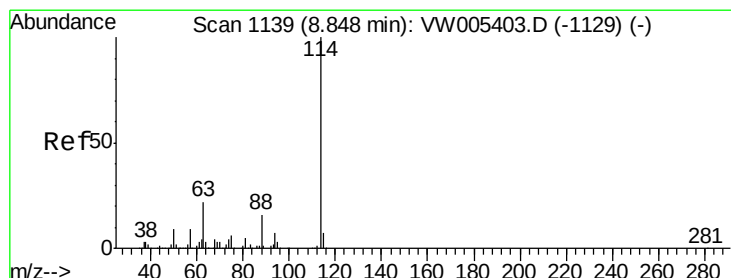
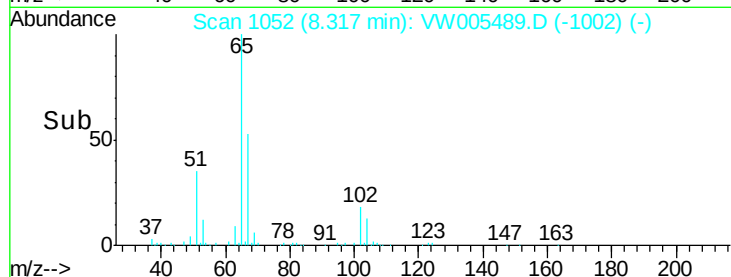
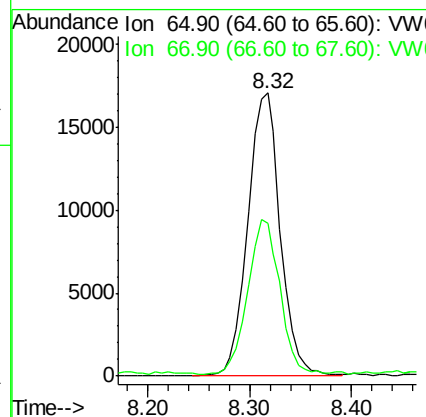
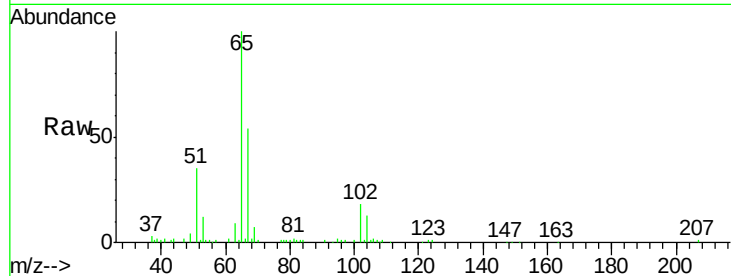




#33
 1,2-Dichloroethane-d4
 Concen: 41.74 ug/l
 RT: 8.32 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VW005489.D
 Acq: 18 Sep 2018 19:38

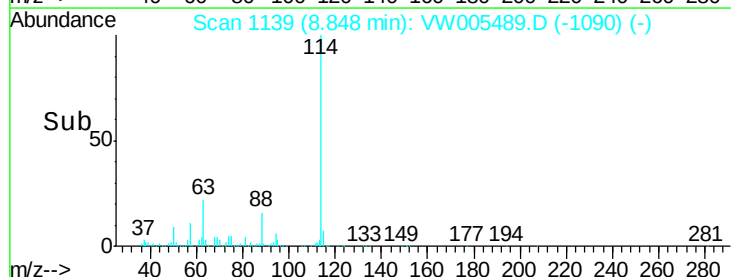
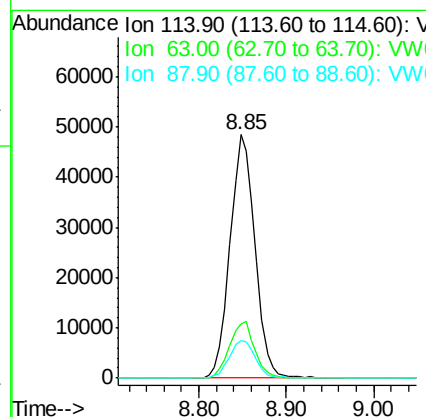
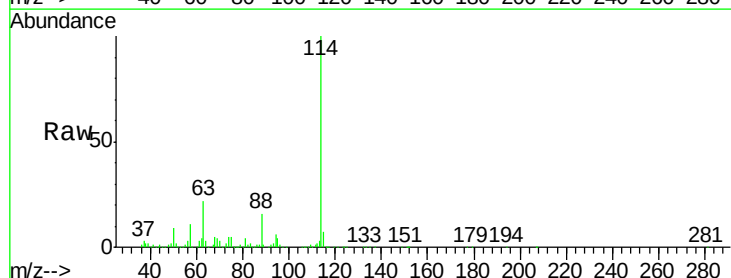
Instrument :
 MSVOA_W
 ClientSampleId :
 138-KVRE

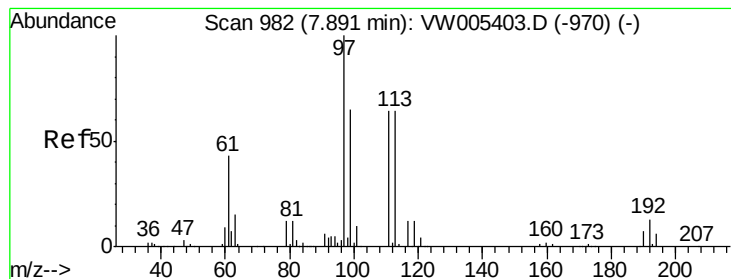
Tot Ion: 65 Resp: 37808
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005489.D
 Acq: 18 Sep 2018 19:38

Tgt Ion: 114 Resp: 96155
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.4
 88 15.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 63.80 ug/l

RT: 7.90 min Scan# 983

Delta R.T. 0.01 min

Lab File: VW005489.D

Acq: 18 Sep 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

138-KVRE

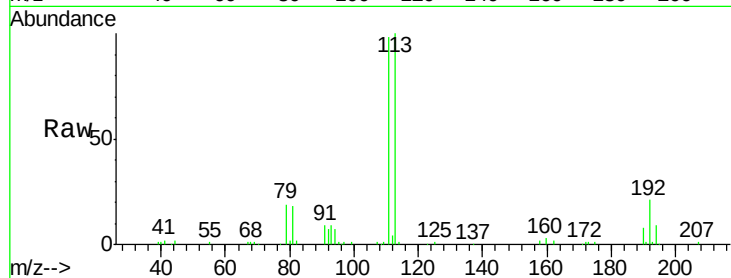
Tot Ion:113 Resp: 34394

Ion Ratio Lower Upper

113 100

111 105.0 82.3 123.5

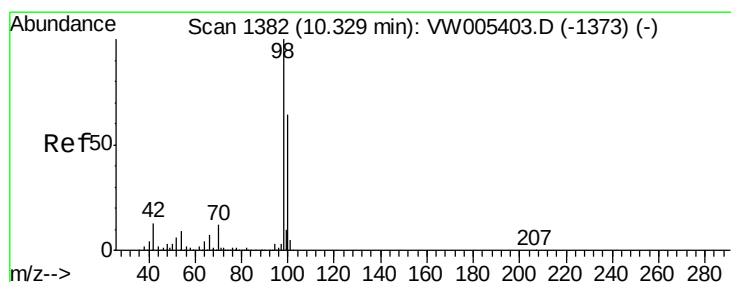
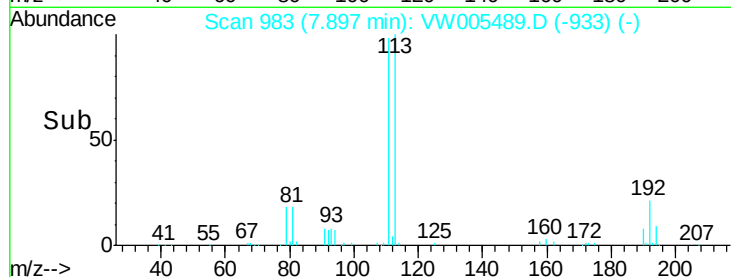
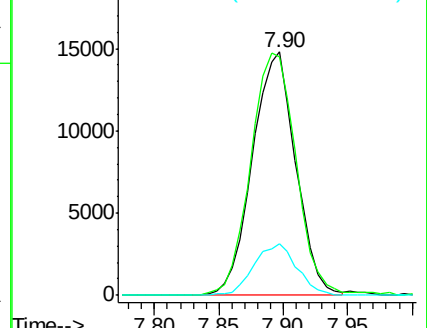
192 21.1 16.5 24.7



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: 31.71 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005489.D

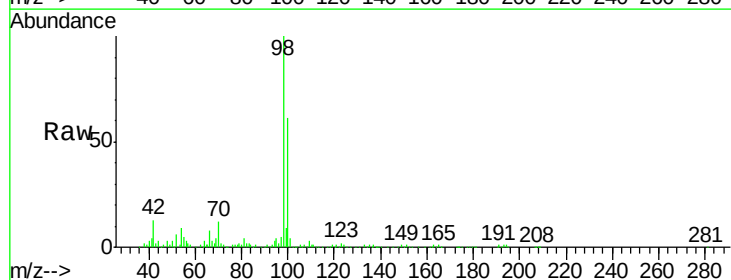
Acq: 18 Sep 2018 19:38

Tgt Ion: 98 Resp: 78299

Ion Ratio Lower Upper

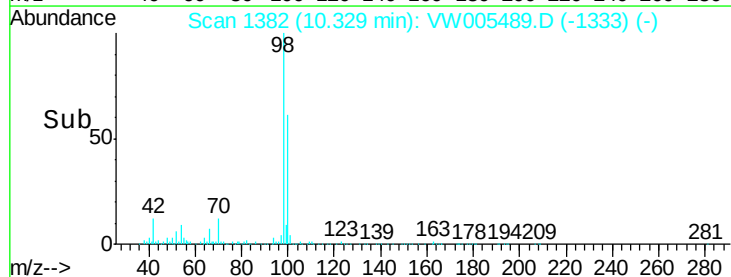
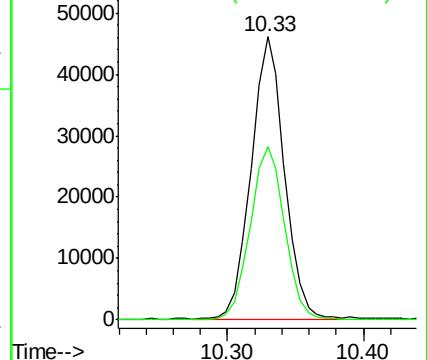
98 100

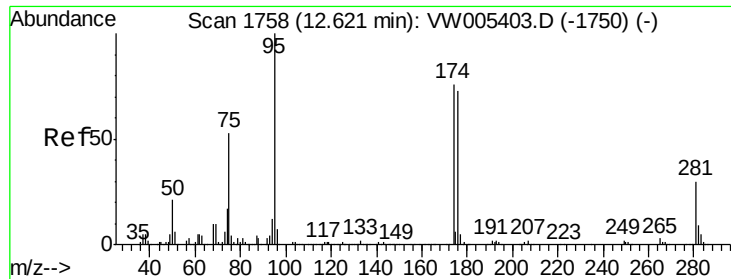
100 63.9 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

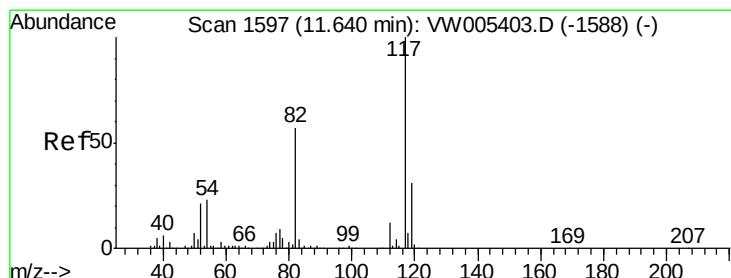
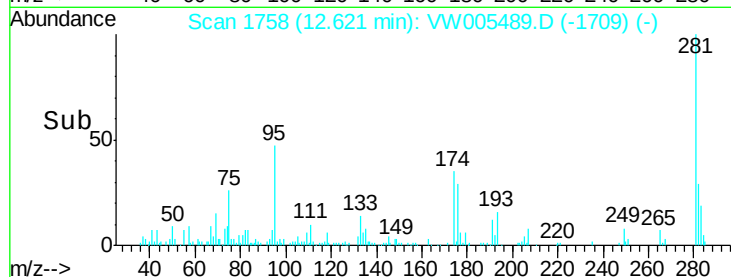
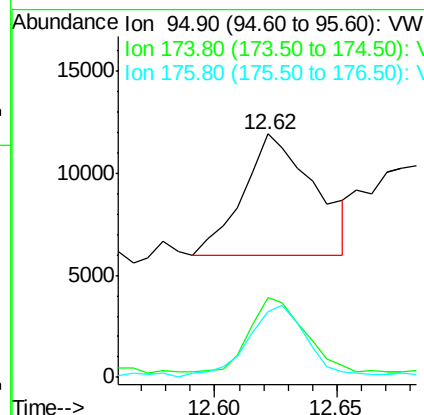
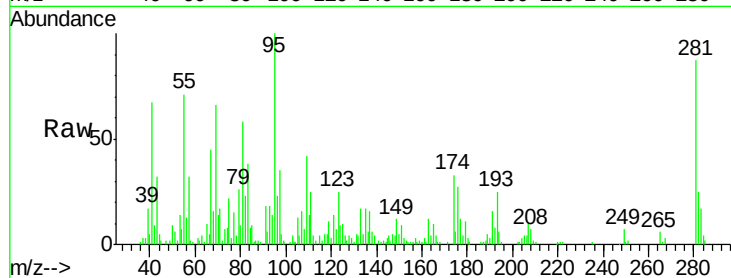




#62
4-Bromofluorobenzene
Concen: 13.33 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW005489.D
Acq: 18 Sep 2018 19:38

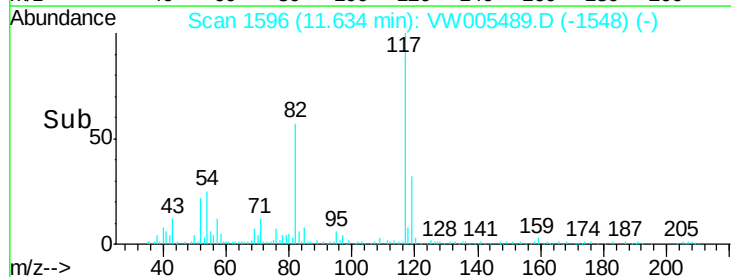
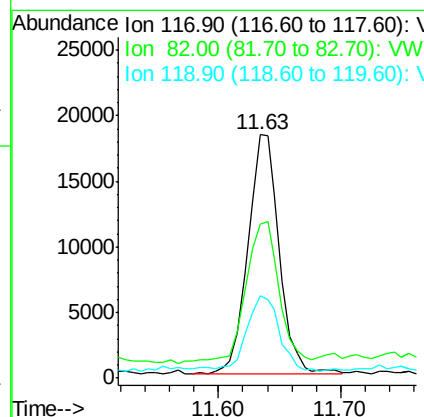
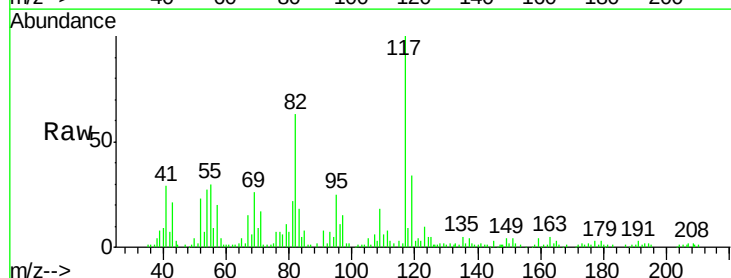
Instrument :
MSVOA_W
ClientSampleId :
138-KVRE

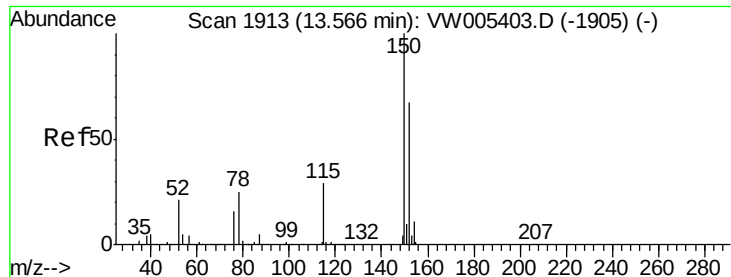
Tot Ion: 95 Resp: 12071
Ion Ratio Lower Upper
95 100
174 47.1 0.0 161.2
176 49.6 0.0 156.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005489.D
Acq: 18 Sep 2018 19:38

Tgt Ion: 117 Resp: 32395
Ion Ratio Lower Upper
117 100
82 57.3 45.9 68.9
119 31.0 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005489.D

Acq: 18 Sep 2018 19:38

Instrument :

MSVOA_W

ClientSampleId :

138-KVRE

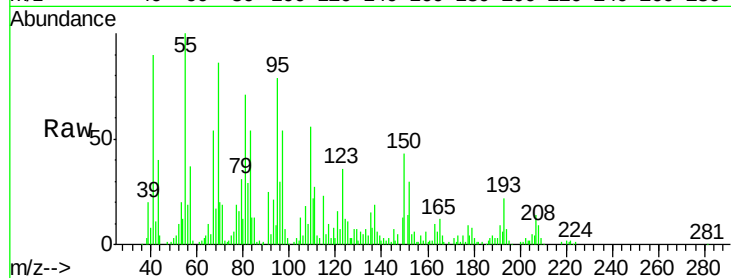
Tot Ion:152 Resp: 7030

Ion Ratio Lower Upper

152 100

115 67.1 29.5 88.5

150 152.9 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

