

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003866.D
 Acq On : 11 Jul 2018 11:16
 Operator : SY/AP
 Sample : J3918-01
 Misc : 4.32G/5ML/MSVOA W/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VNJ-204-255-ETS

Quant Time: Jul 11 11:48:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

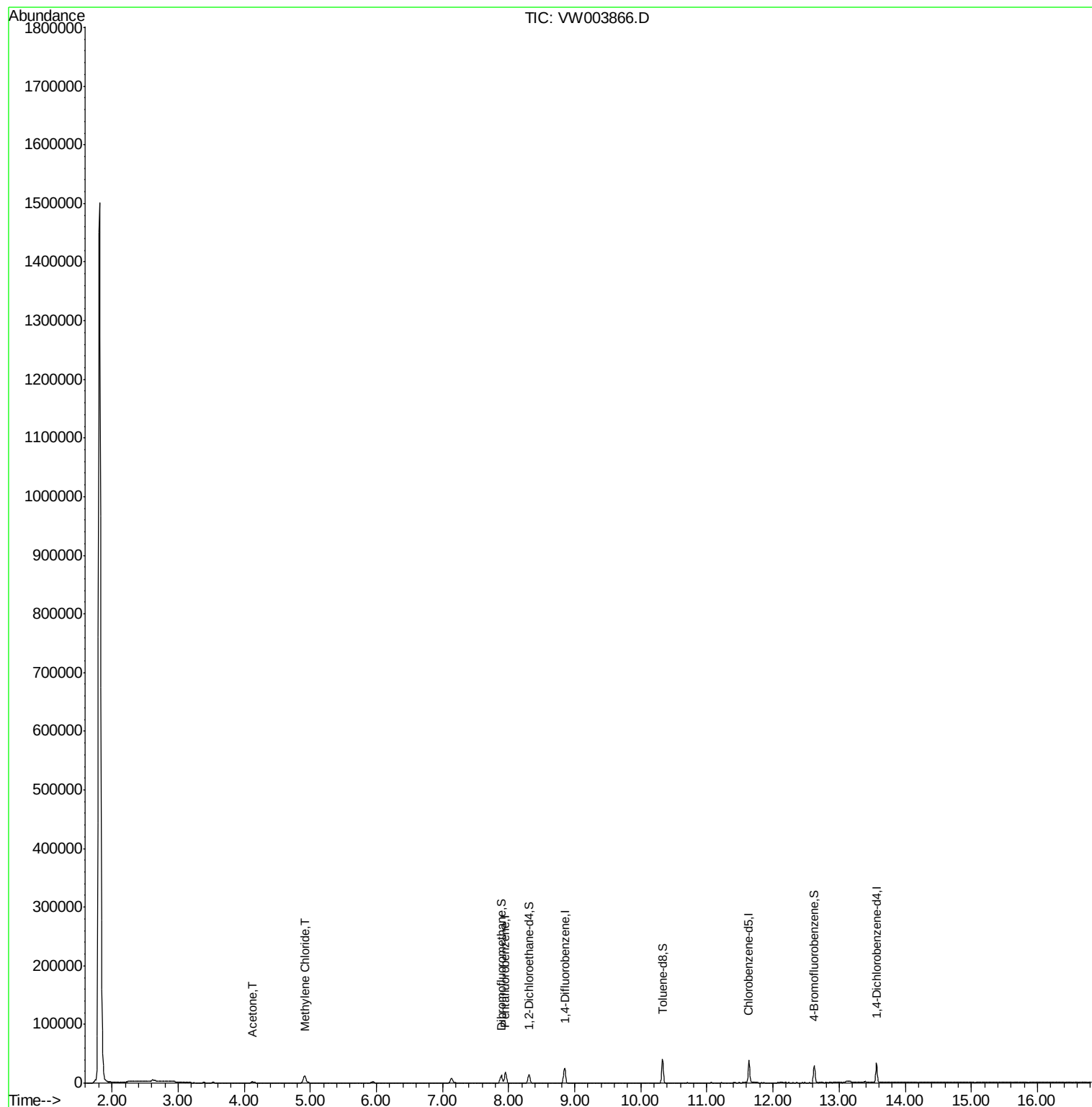
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	13006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	20216	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	19935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	8634	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	11501	67.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	135.24%	
35) Dibromofluoromethane	7.88	113	9301	65.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.48%	
50) Toluene-d8	10.33	98	26734	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
62) 4-Bromofluorobenzene	12.62	95	8962	45.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.54%	
Target Compounds						
16) Acetone	4.12	43	3672	124.44	ug/l	# 79
20) Methylene Chloride	4.92	84	8433	59.47	ug/l	91

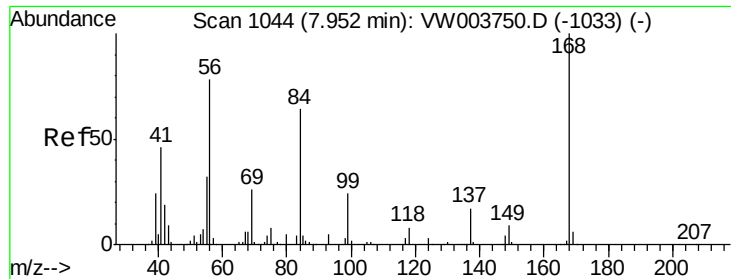
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 07 05:07:25 2018
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: VW003866.D

Acq: 11 Jul 2018 11:16

Instrument :

MSVOA_W

ClientSampleId :

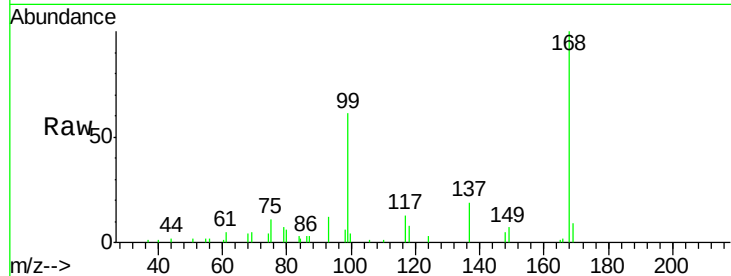
VNJ-204-255-ETS

Tot Ion:168 Resp: 13006

Ion Ratio Lower Upper

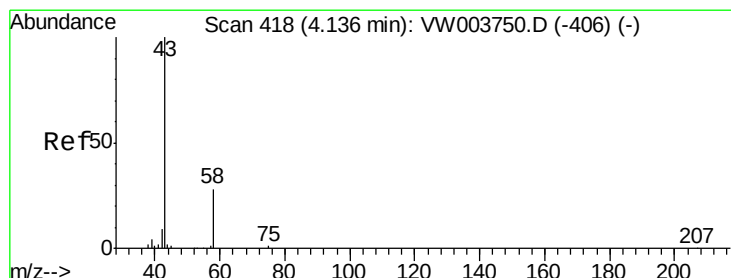
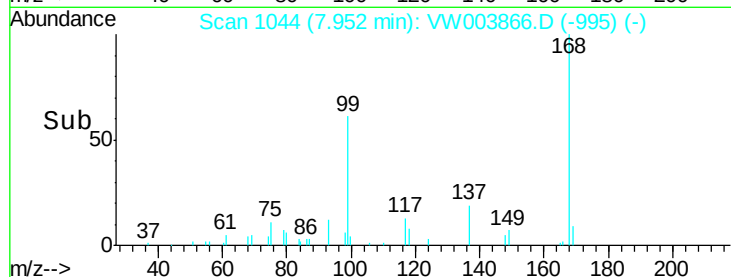
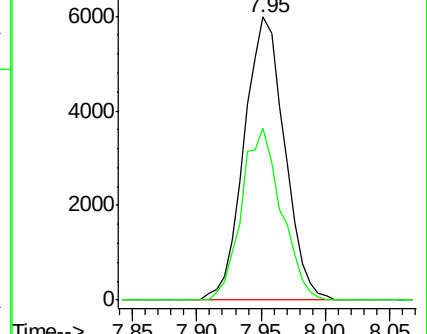
168 100

99 60.7 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 124.44 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.01 min

Lab File: VW003866.D

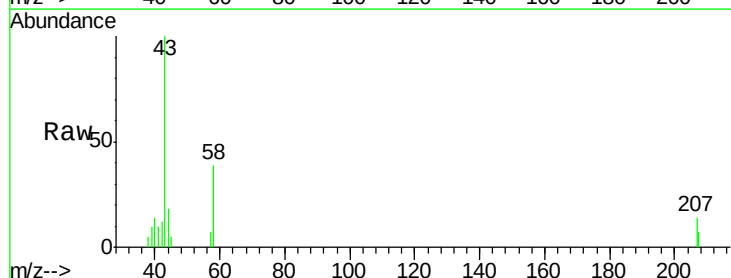
Acq: 11 Jul 2018 11:16

Tgt Ion: 43 Resp: 3672

Ion Ratio Lower Upper

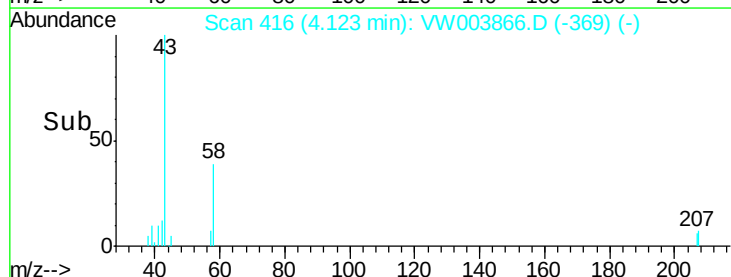
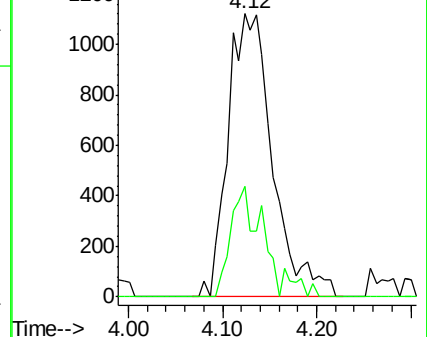
43 100

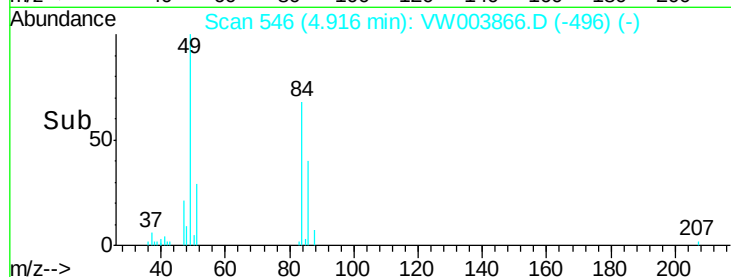
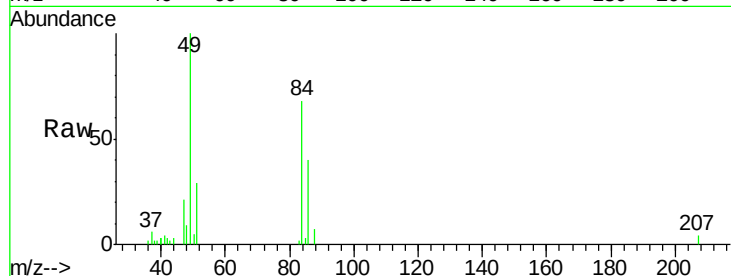
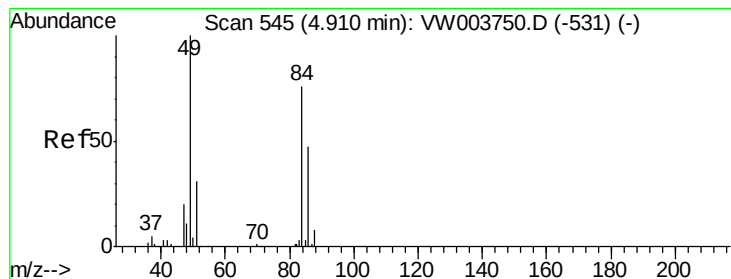
58 39.2 22.6 34.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 59.47 ug/l

RT: 4.92 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW003866.D

Acq: 11 Jul 2018 11:16

Instrument :

MSVOA_W

ClientSampleId :

VNJ-204-255-ETS

Tot Ion: 84 Resp: 8433

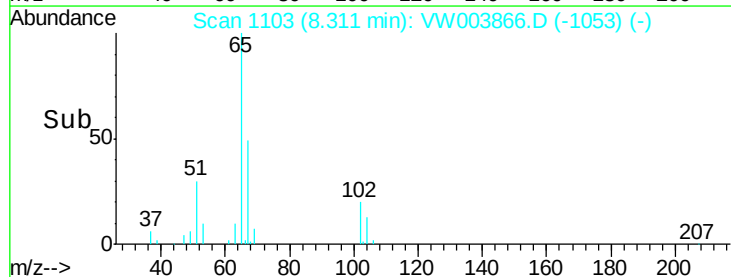
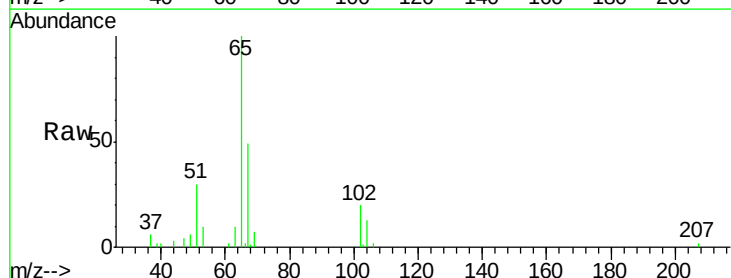
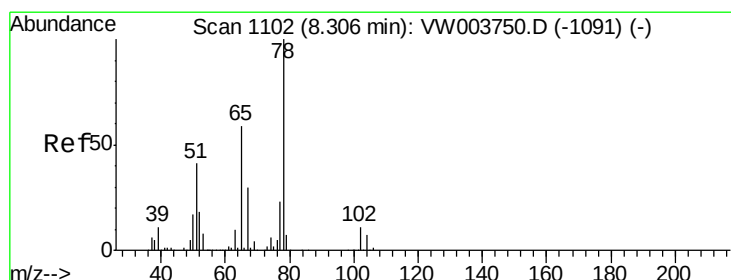
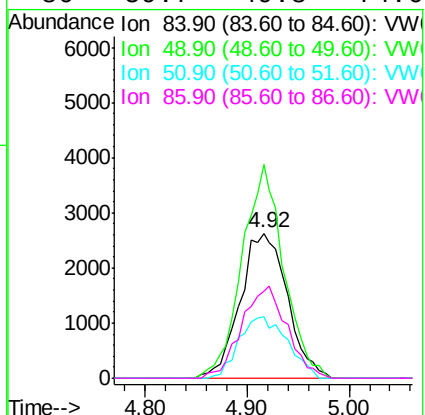
Ion Ratio Lower Upper

84 100

49 147.5 105.1 157.7

51 42.9 32.5 48.7

86 59.7 49.8 74.6



#33

1,2-Dichloroethane-d4

Concen: 67.62 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW003866.D

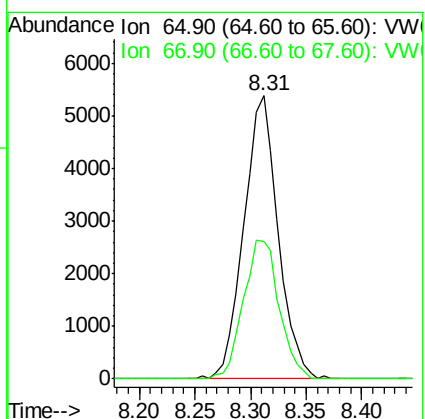
Acq: 11 Jul 2018 11:16

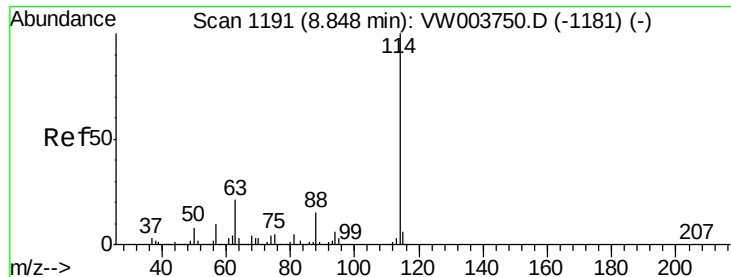
Tgt Ion: 65 Resp: 11501

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW003866.D

Acq: 11 Jul 2018 11:16

Instrument :

MSVOA_W

ClientSampleId :

VNJ-204-255-ETS

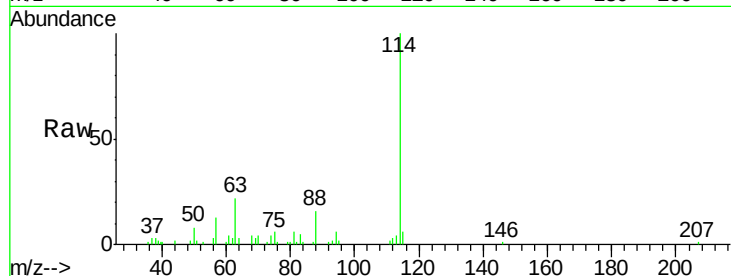
Tot Ion:114 Resp: 20216

Ion Ratio Lower Upper

114 100

63 21.7 0.0 41.8

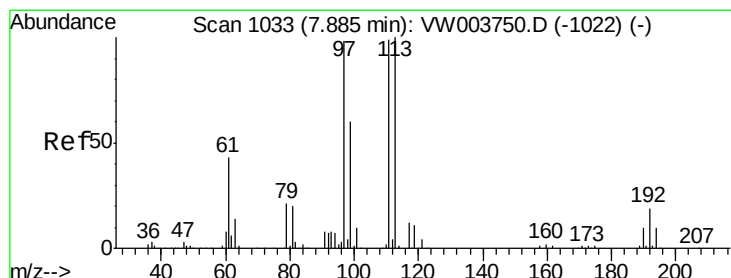
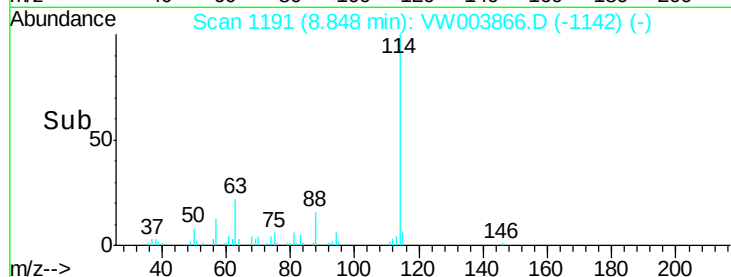
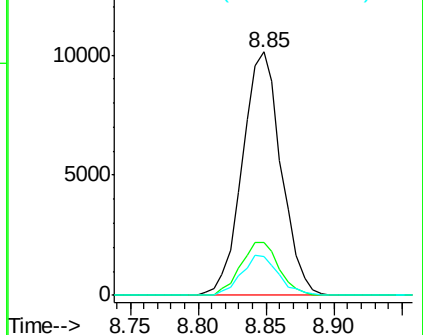
88 16.2 0.0 30.2



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: 65.74 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW003866.D

Acq: 11 Jul 2018 11:16

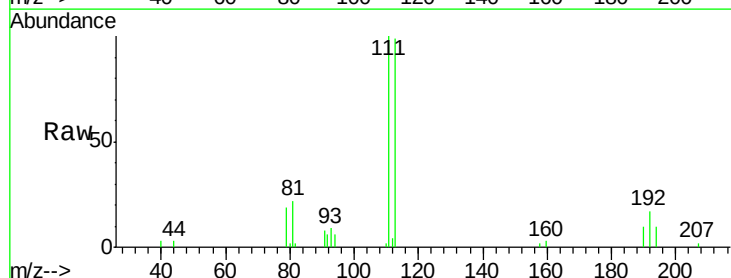
Tgt Ion:113 Resp: 9301

Ion Ratio Lower Upper

113 100

111 103.6 81.7 122.5

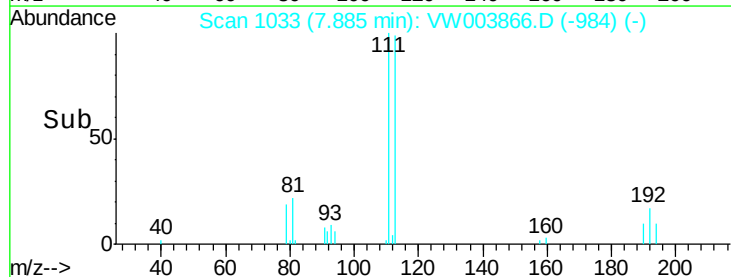
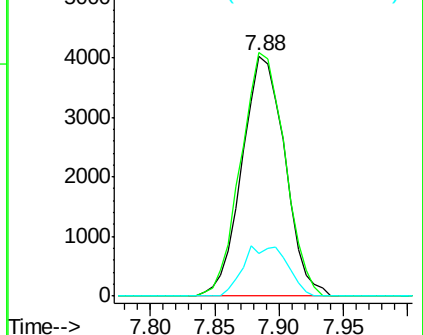
192 21.4 15.8 23.8

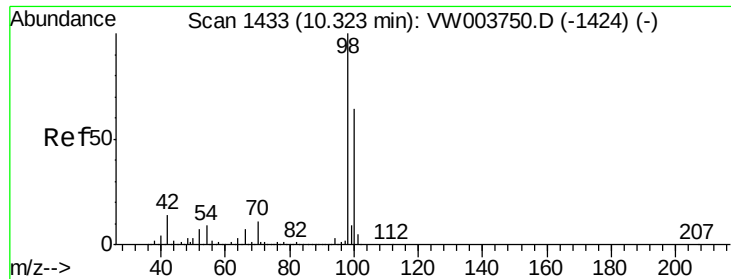


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.40 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003866.D

Acq: 11 Jul 2018 11:16

Instrument :

MSVOA_W

ClientSampleId :

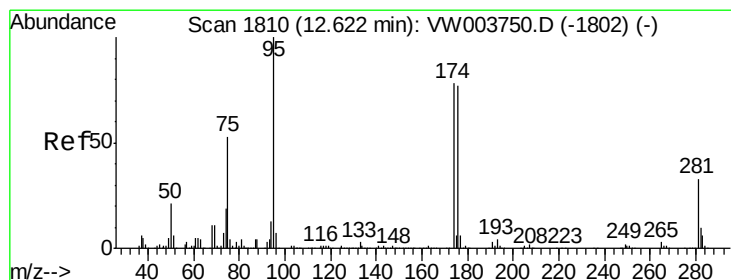
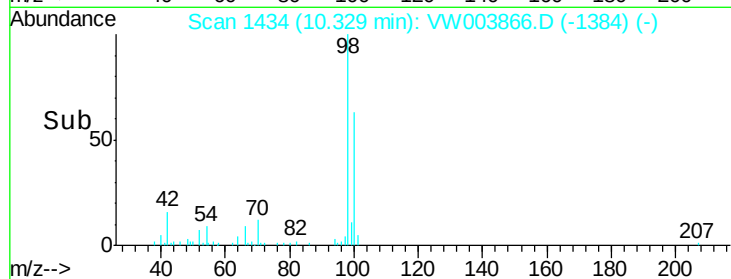
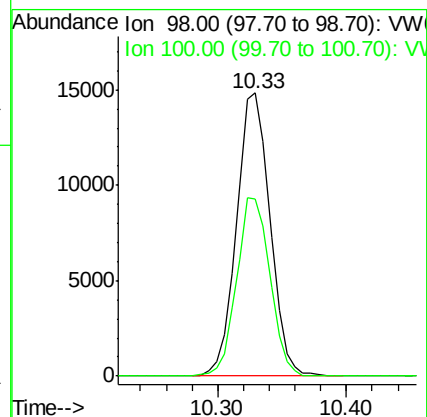
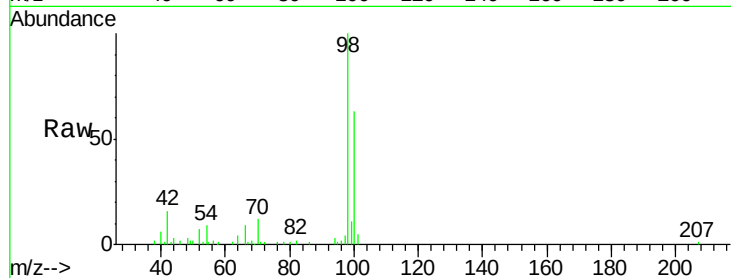
VNJ-204-255-ETS

Tot Ion: 98 Resp: 26734

Ion Ratio Lower Upper

98 100

100 62.9 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 45.77 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003866.D

Acq: 11 Jul 2018 11:16

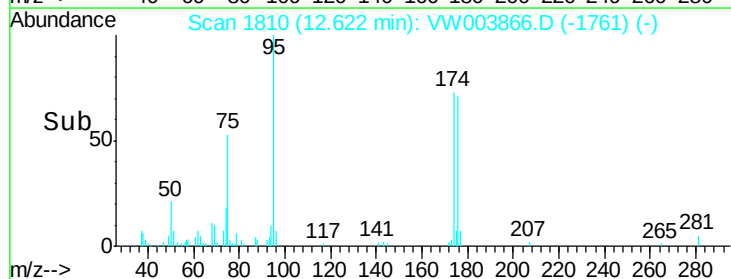
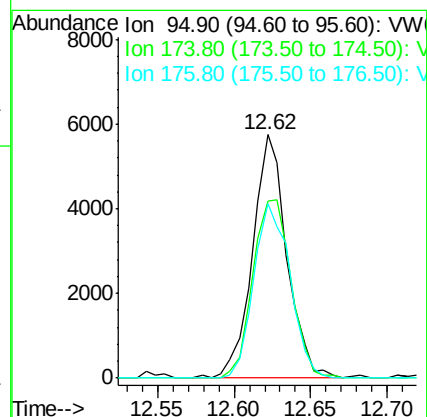
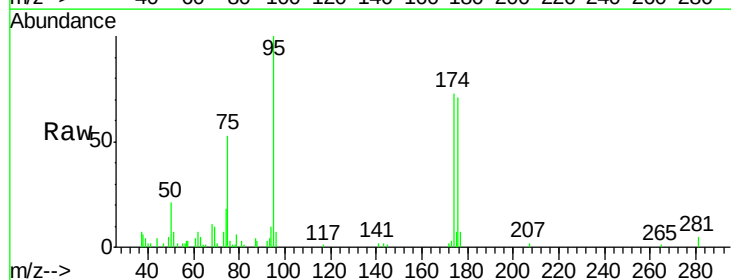
Tgt Ion: 95 Resp: 8962

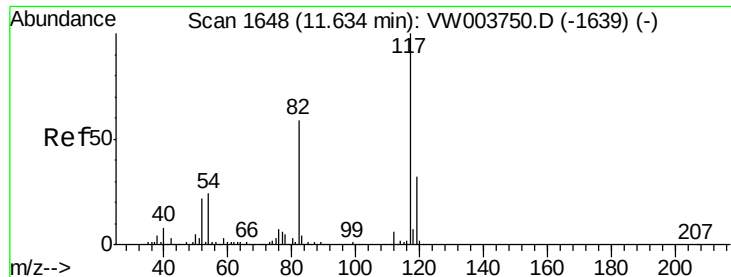
Ion Ratio Lower Upper

95 100

174 81.7 0.0 163.4

176 75.6 0.0 156.8

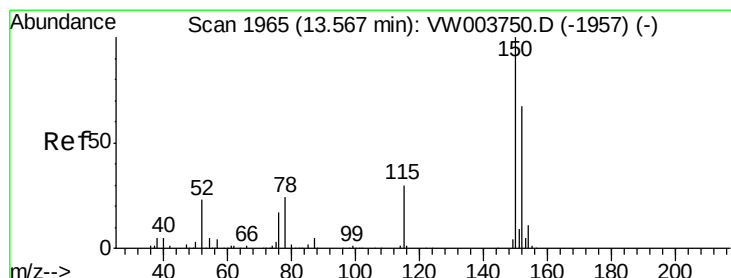
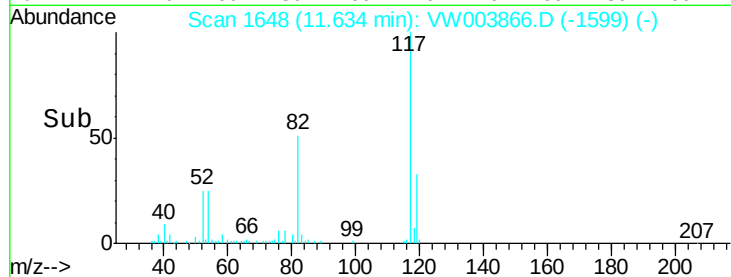
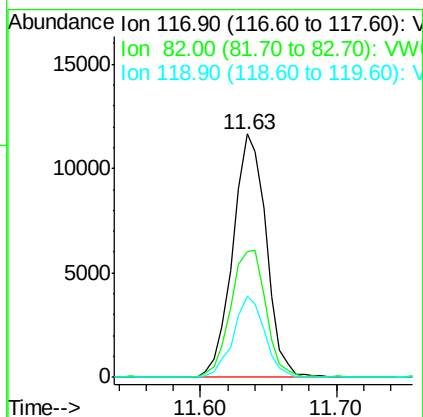
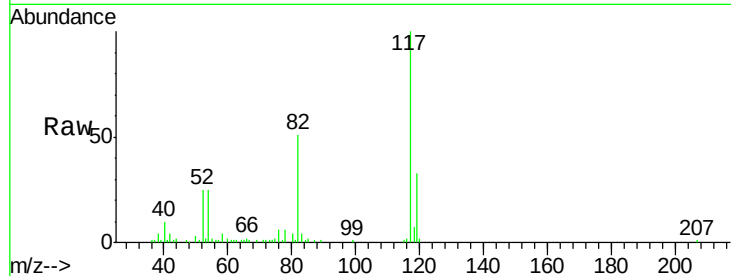




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003866.D
Acq: 11 Jul 2018 11:16

Instrument :
MSVOA_W
ClientSampleId :
VNJ-204-255-ETS

Tot Ion:117 Resp: 19935
Ion Ratio Lower Upper
117 100
82 51.4 46.9 70.3
119 33.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003866.D
Acq: 11 Jul 2018 11:16

Tgt Ion:152 Resp: 8634
Ion Ratio Lower Upper
152 100
115 57.9 28.9 86.8
150 149.7 0.0 342.4

