

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003857.D
 Acq On : 11 Jul 2018 06:48
 Operator : SY/AP
 Sample : J3914-07
 Misc : 4.60G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NEMH

Quant Time: Jul 11 07:11:57 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

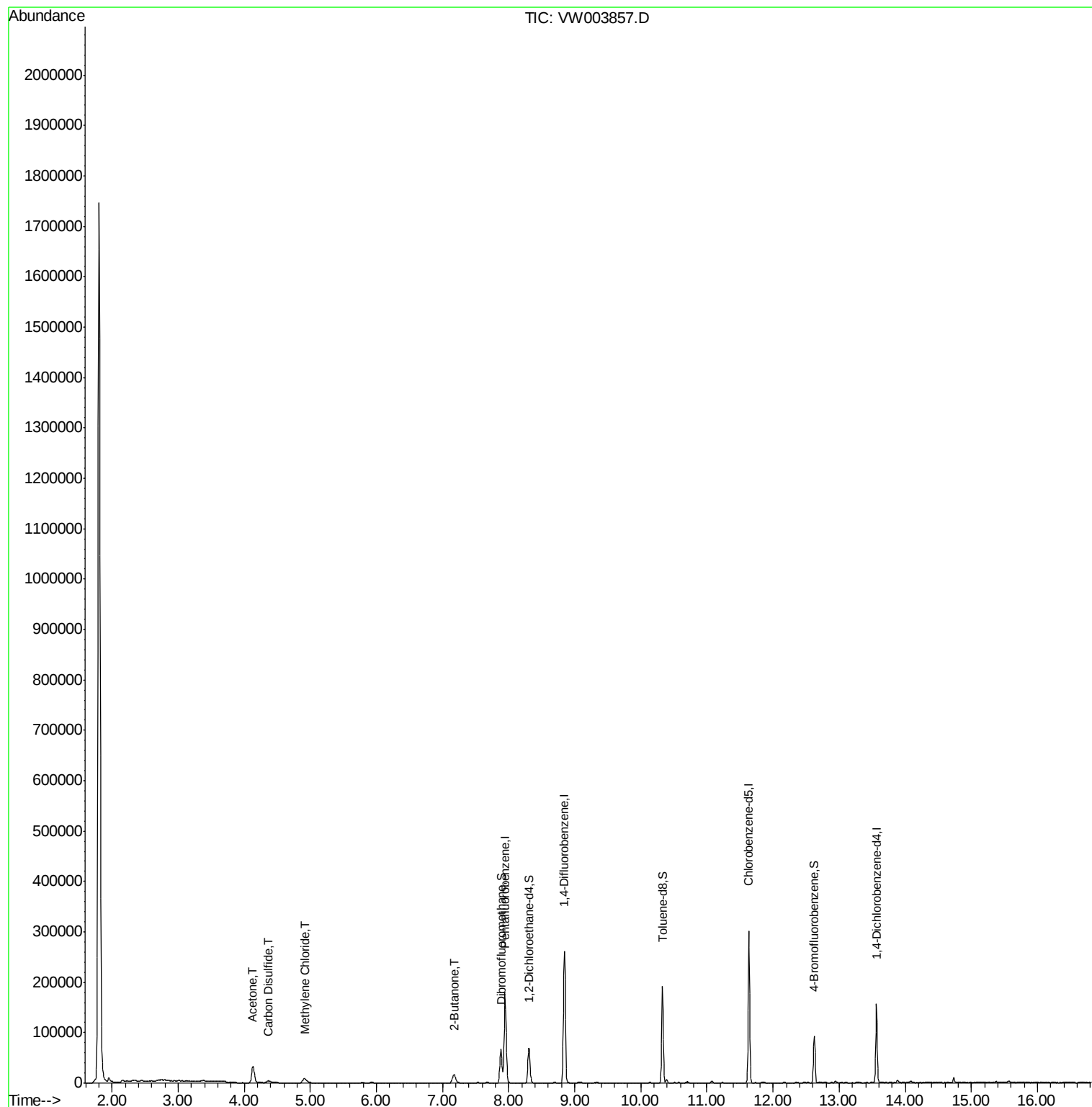
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	126059	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	208877	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	155754	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	39410	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	54278	32.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.86%	
35) Dibromofluoromethane	7.88	113	46030	31.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.98%	
50) Toluene-d8	10.33	98	123619	22.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	44.22%	
62) 4-Bromofluorobenzene	12.62	95	27462	13.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	27.14%	
Target Compounds						
16) Acetone	4.14	43	60893	212.91	ug/l	94
17) Carbon Disulfide	4.37	76	10734	2.76	ug/l #	87
20) Methylene Chloride	4.92	84	8081	1.55	ug/l	99
25) 2-Butanone	7.18	43	16131	36.01	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003857.D

Acq: 11 Jul 2018 06:48

Instrument :

MSVOA_W

ClientSampleId :

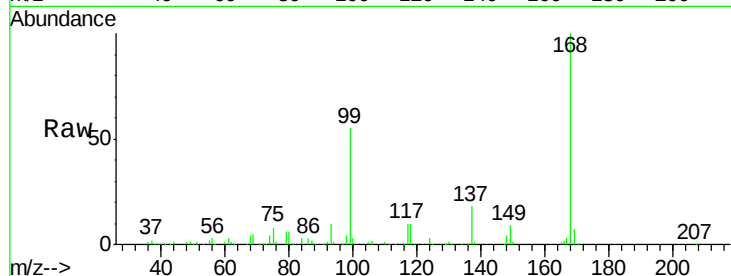
NEMH

Tot Ion:168 Resp: 126059

Ion Ratio Lower Upper

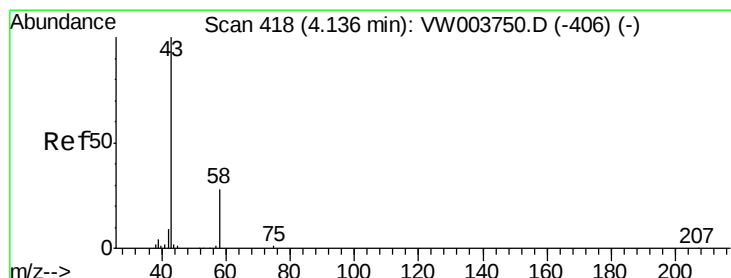
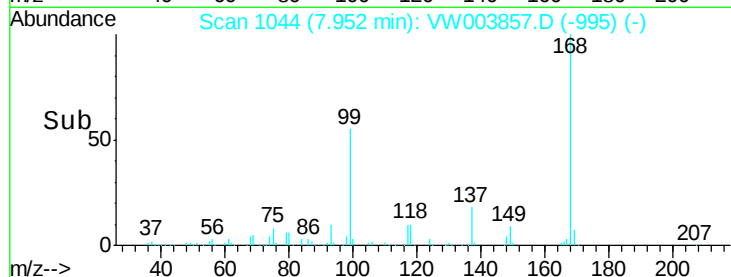
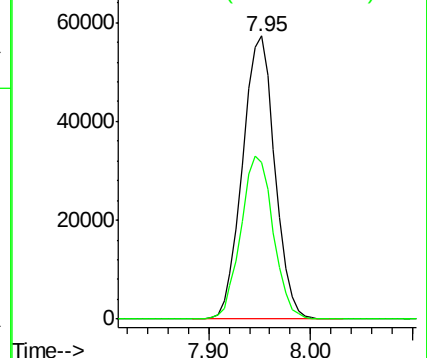
168 100

99 55.4 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: 212.91 ug/l

RT: 4.14 min Scan# 418

Delta R.T. -0.00 min

Lab File: VW003857.D

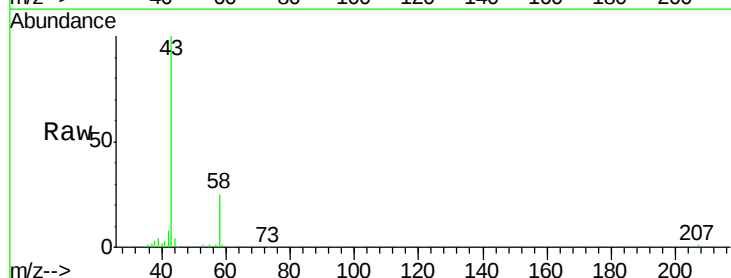
Acq: 11 Jul 2018 06:48

Tgt Ion: 43 Resp: 60893

Ion Ratio Lower Upper

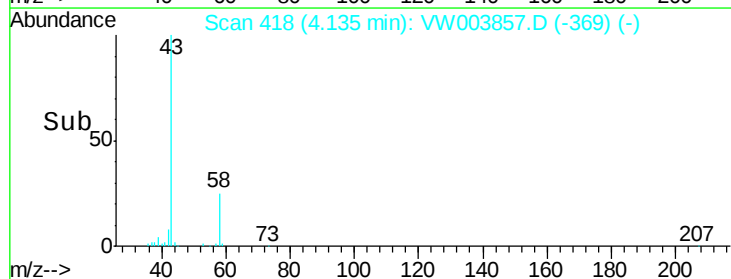
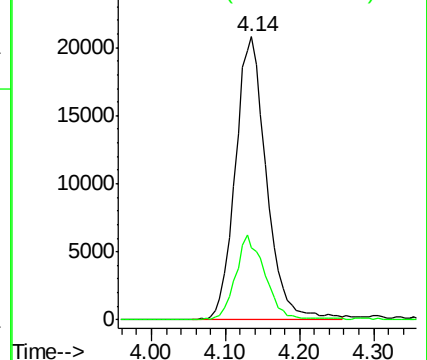
43 100

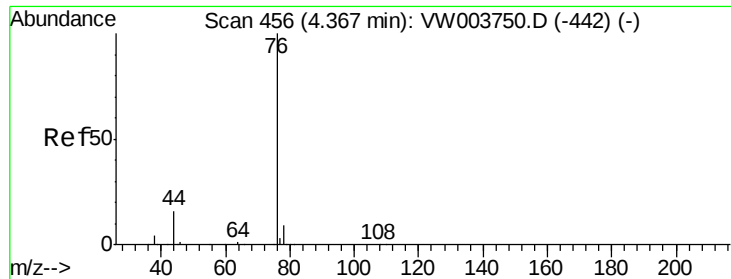
58 25.4 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 2.76 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW003857.D

Acq: 11 Jul 2018 06:48

Instrument :

MSVOA_W

ClientSampled :

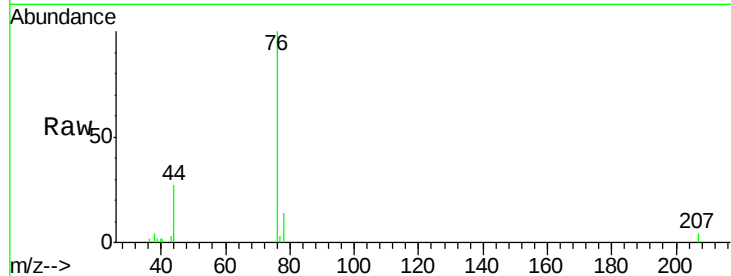
NEMH

Tot Ion: 76 Resp: 10734

Ion Ratio Lower Upper

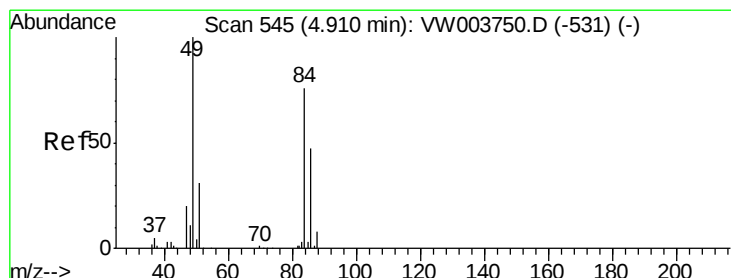
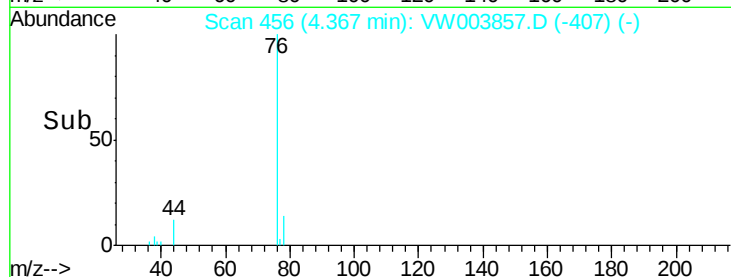
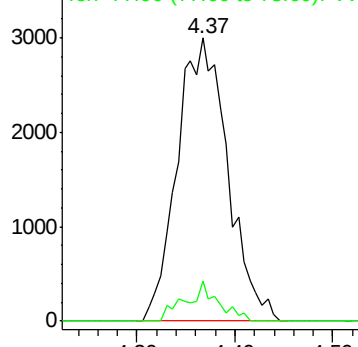
76 100

78 14.1 7.4 11.2#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: 1.55 ug/l

RT: 4.92 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW003857.D

Acq: 11 Jul 2018 06:48

Tgt Ion: 84 Resp: 8081

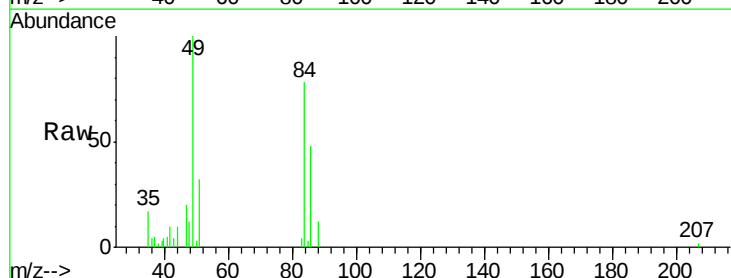
Ion Ratio Lower Upper

84 100

49 128.8 105.1 157.7

51 40.9 32.5 48.7

86 62.5 49.8 74.6

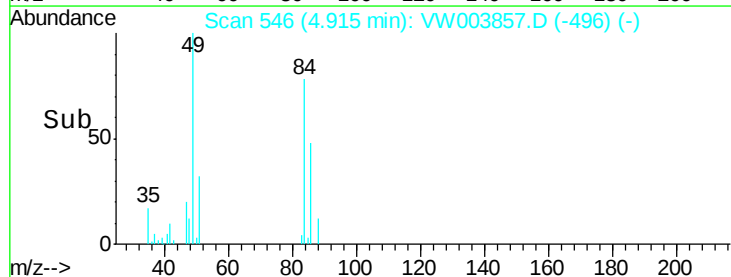
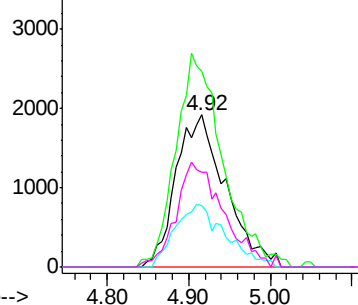


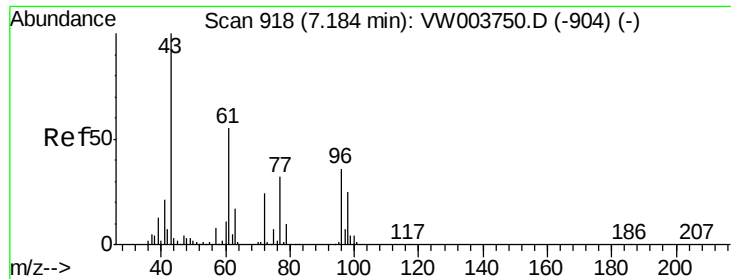
Abundance Ion 83.90 (83.60 to 84.60): VW

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





#25

2-Butanone

Concen: 36.01 ug/l

RT: 7.18 min Scan# 918

Delta R.T. -0.00 min

Lab File: VW003857.D

Acq: 11 Jul 2018 06:48

Instrument :

MSVOA_W

ClientSampled :

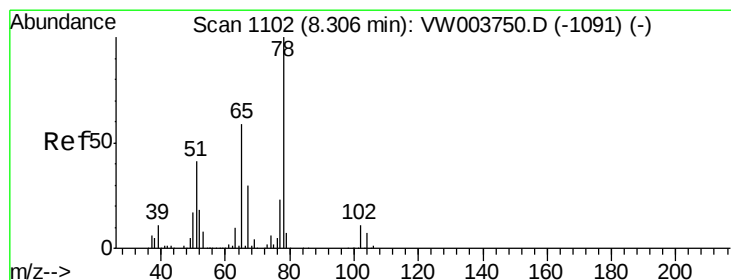
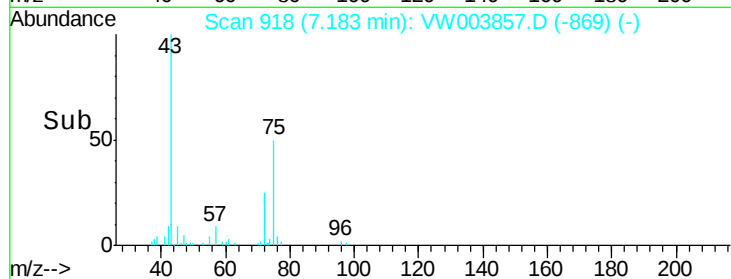
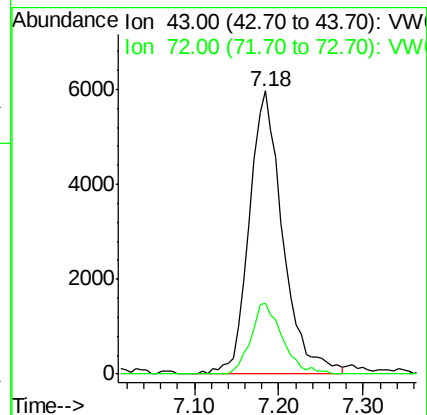
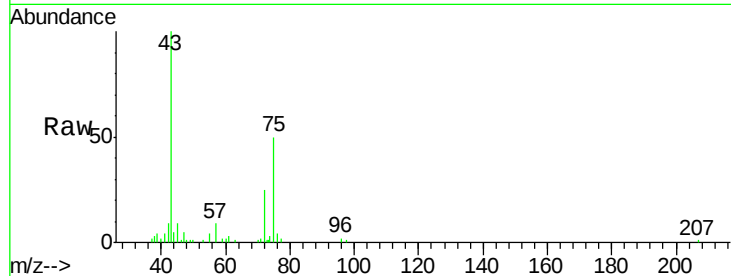
NEMH

Tot Ion: 43 Resp: 16131

Ion Ratio Lower Upper

43 100

72 24.9 19.4 29.2



#33

1,2-Dichloroethane-d4

Concen: 32.93 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW003857.D

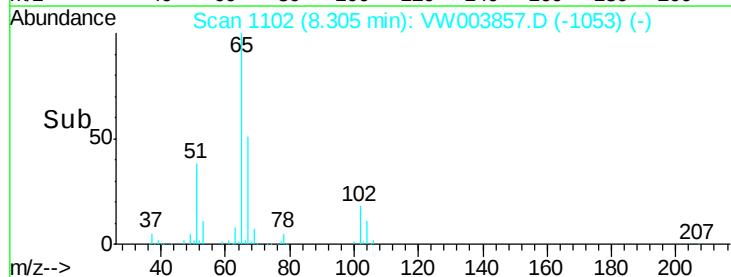
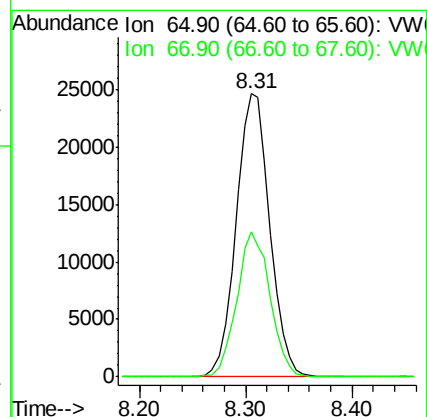
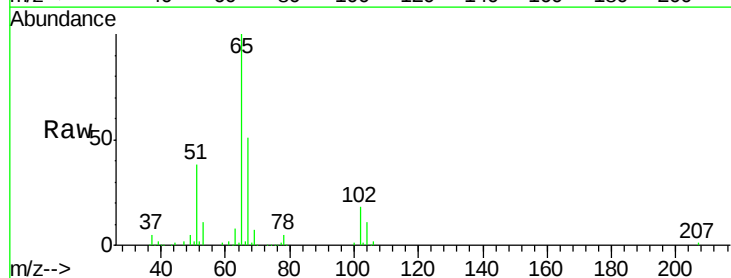
Acq: 11 Jul 2018 06:48

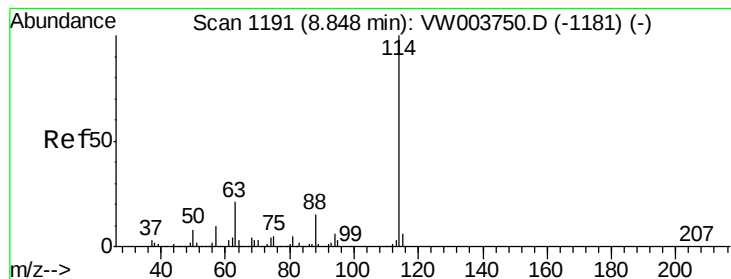
Tgt Ion: 65 Resp: 54278

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.84 min Scan# 1190

Delta R.T. -0.01 min

Lab File: VW003857.D

Acq: 11 Jul 2018 06:48

Instrument :

MSVOA_W

ClientSampleId :

NEMH

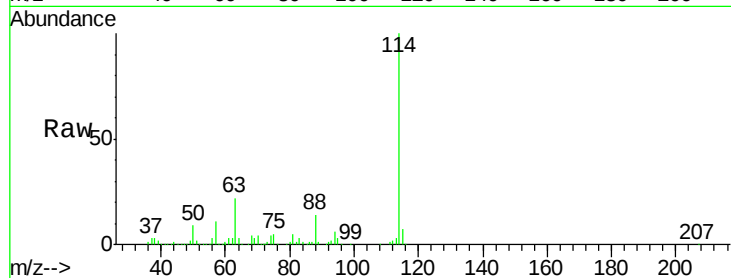
Tot Ion:114 Resp: 208877

Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.8

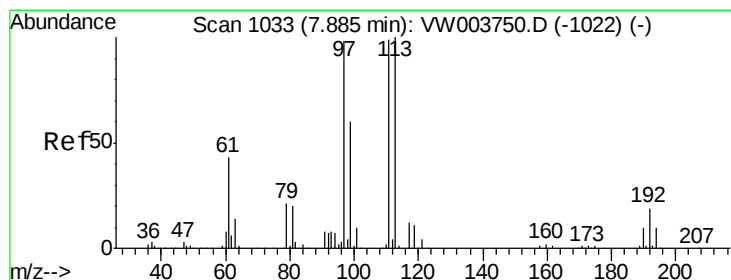
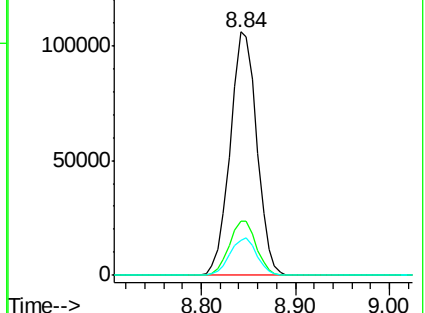
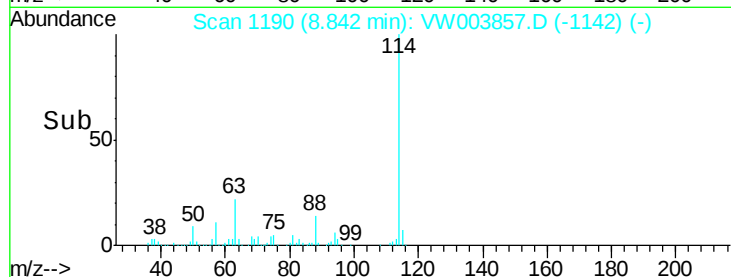
88 14.3 0.0 30.2



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: 31.49 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW003857.D

Acq: 11 Jul 2018 06:48

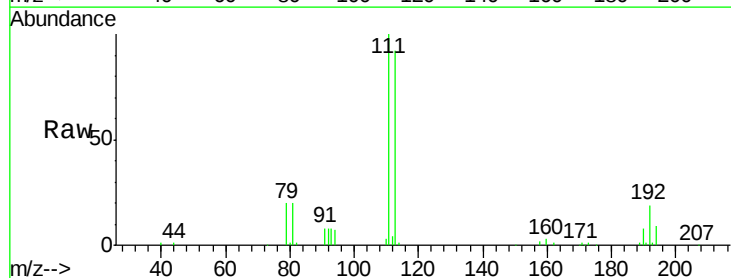
Tgt Ion:113 Resp: 46030

Ion Ratio Lower Upper

113 100

111 102.4 81.7 122.5

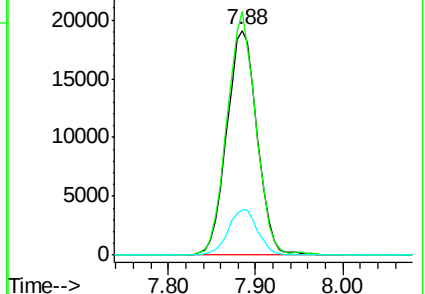
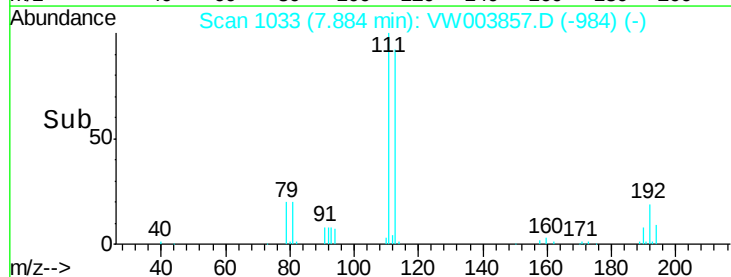
192 19.8 15.8 23.8

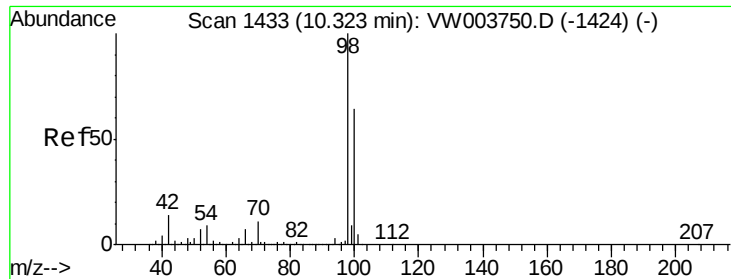


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 22.11 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003857.D

Acq: 11 Jul 2018 06:48

Instrument :

MSVOA_W

ClientSampleId :

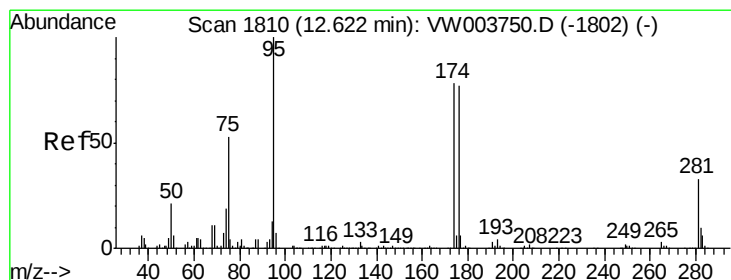
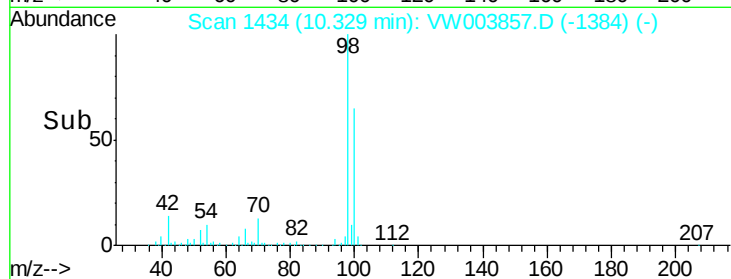
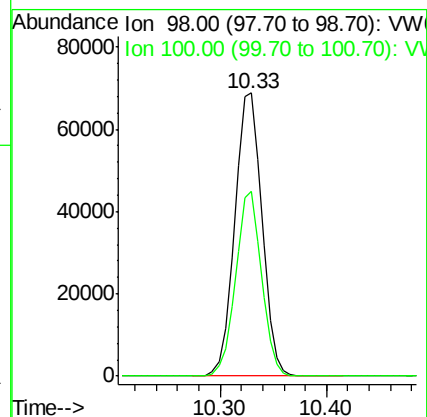
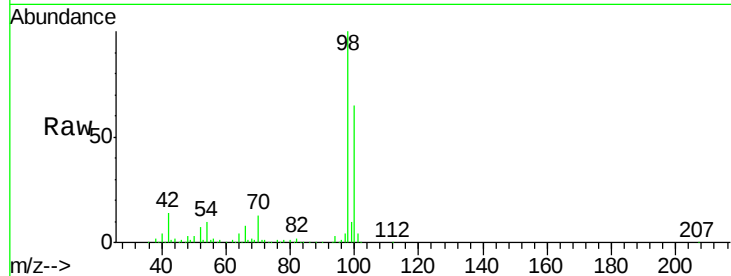
NEMH

Tot Ion: 98 Resp: 123619

Ion Ratio Lower Upper

98 100

100 62.3 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 13.57 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003857.D

Acq: 11 Jul 2018 06:48

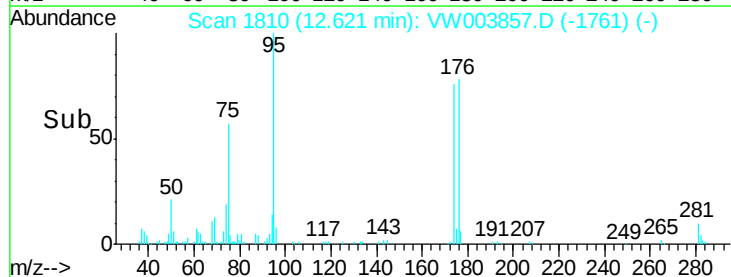
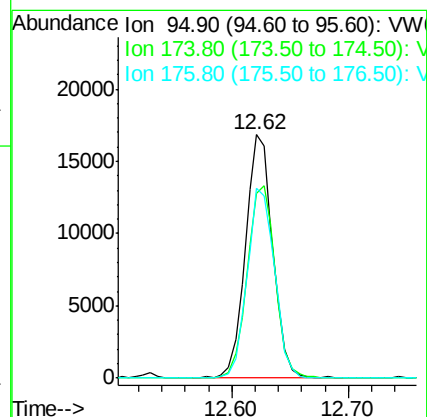
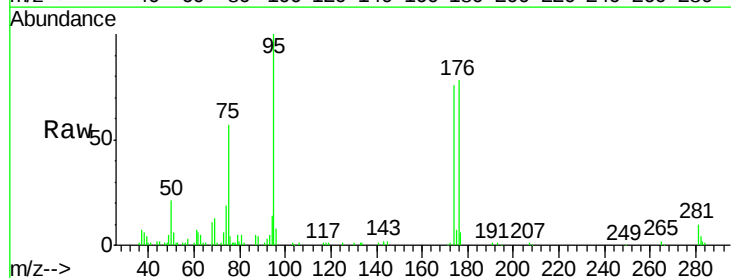
Tgt Ion: 95 Resp: 27462

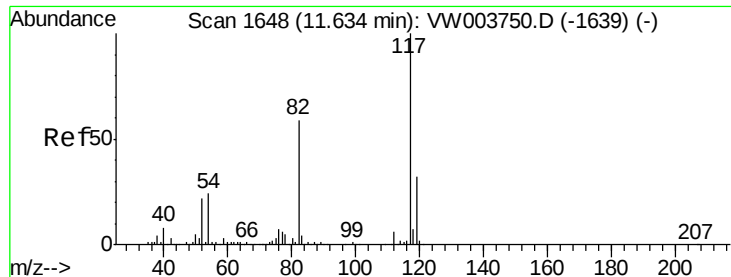
Ion Ratio Lower Upper

95 100

174 80.6 0.0 163.4

176 78.3 0.0 156.8

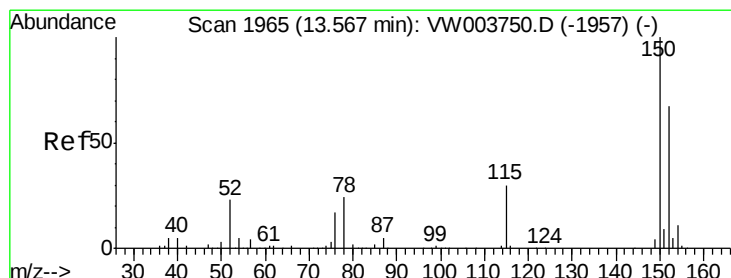
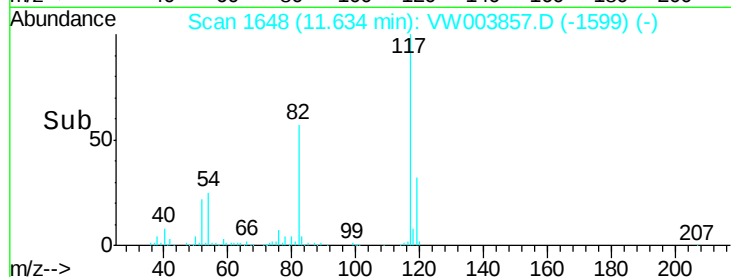
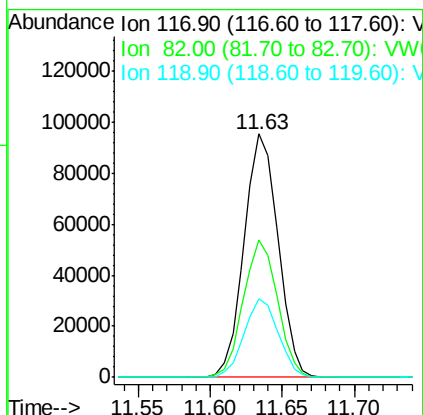
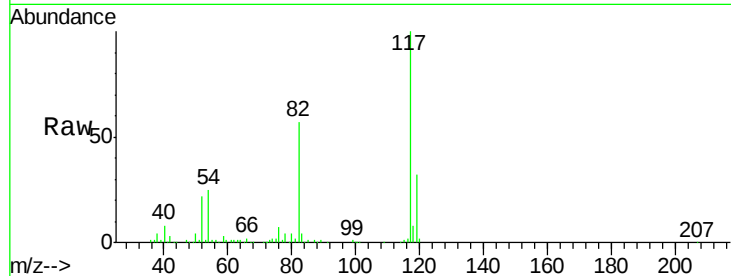




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003857.D
Acq: 11 Jul 2018 06:48

Instrument :
MSVOA_W
ClientSampleId :
NEMH

Tot Ion:117 Resp: 155754
Ion Ratio Lower Upper
117 100
82 56.5 46.9 70.3
119 32.1 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: VW003857.D
Acq: 11 Jul 2018 06:48

Tgt Ion:152 Resp: 39410
Ion Ratio Lower Upper
152 100
115 58.4 28.9 86.8
150 156.4 0.0 342.4

