

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071118\
 Data File : VW003885.D
 Acq On : 12 Jul 2018 00:52
 Operator : SY/AP
 Sample : J3914-07RE
 Misc : 4.10G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NEMHRE

Quant Time: Jul 12 03:03:54 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

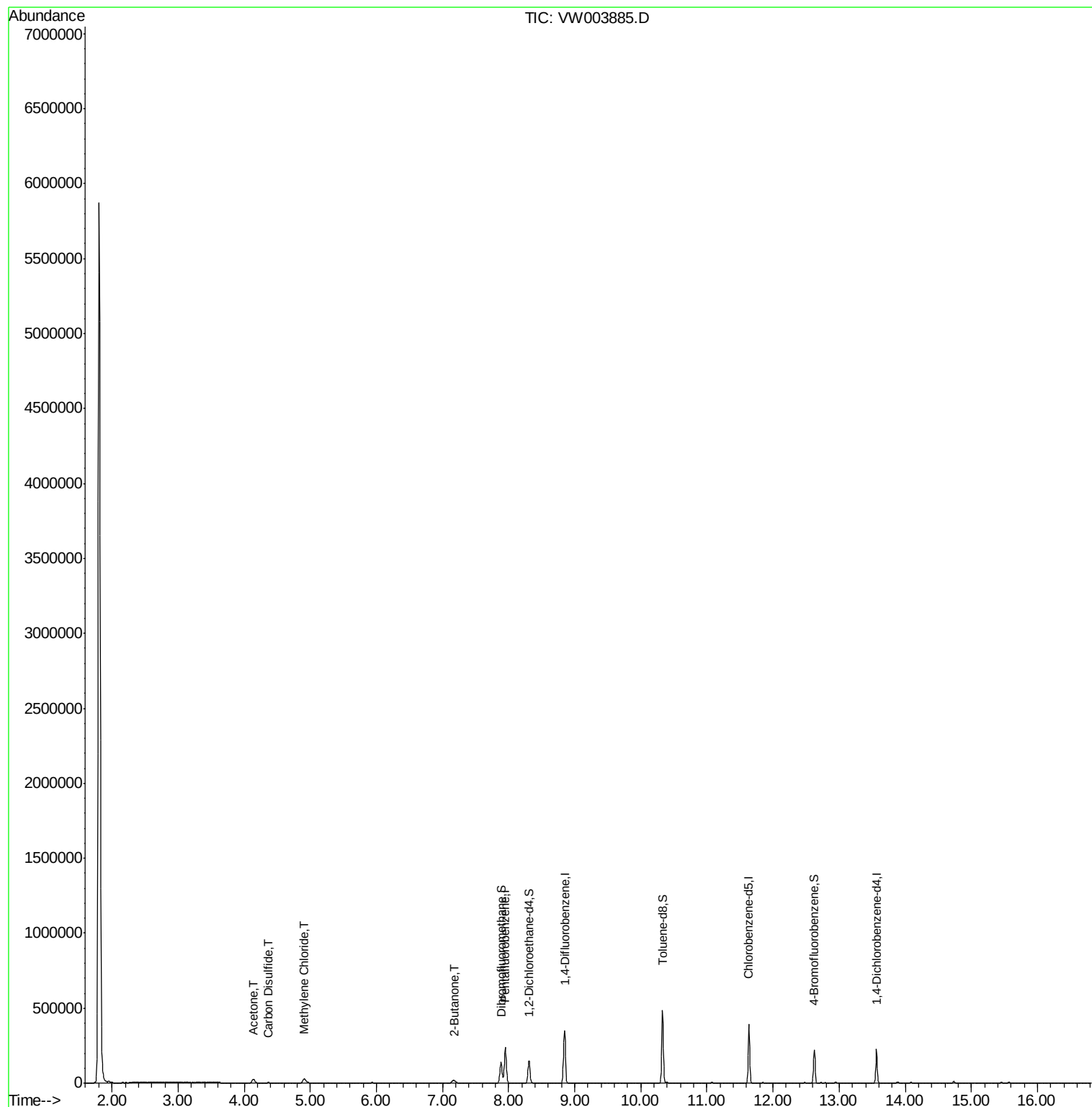
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	170058	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	281274	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	204732	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	55100	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	114860	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
35) Dibromofluoromethane	7.88	113	98646	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
50) Toluene-d8	10.33	98	319695	42.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.90%	
62) 4-Bromofluorobenzene	12.63	95	67539	24.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	49.58%	
Target Compounds						
16) Acetone	4.14	43	49370	127.956	ug/l	99
17) Carbon Disulfide	4.37	76	8212	1.568	ug/l	99
20) Methylene Chloride	4.91	84	23321	8.789	ug/l	97
25) 2-Butanone	7.18	43	16332	27.025	ug/l	95

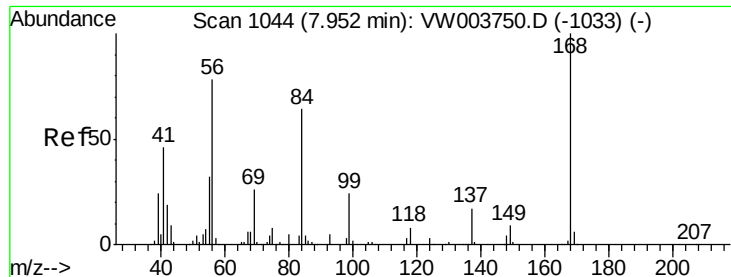
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071118\
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Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003885.D

Acq: 12 Jul 2018 00:52

Instrument :

MSVOA_W

ClientSampleId :

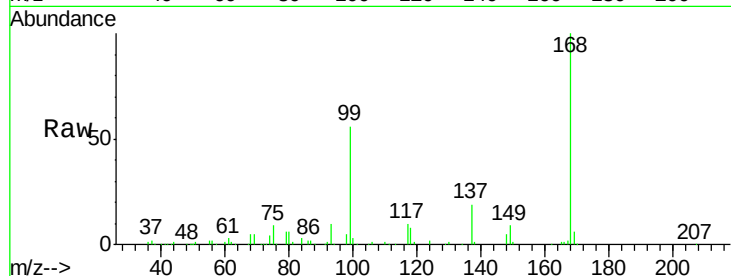
NEMHRE

Tot Ion:168 Resp: 170058

Ion Ratio Lower Upper

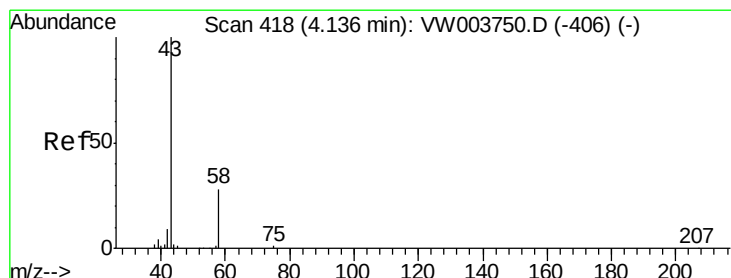
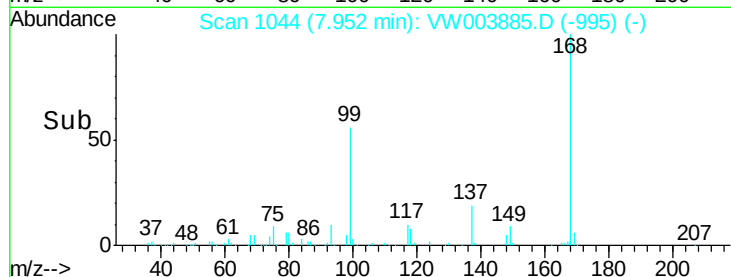
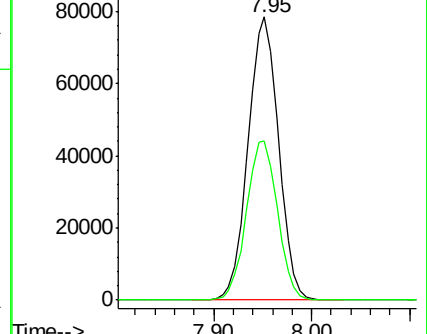
168 100

99 56.2 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: 127.956 ug/l

RT: 4.14 min Scan# 418

Delta R.T. -0.00 min

Lab File: VW003885.D

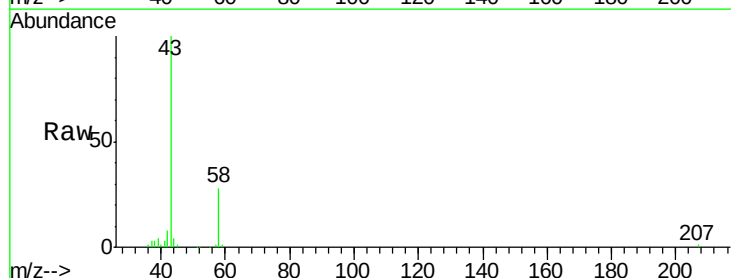
Acq: 12 Jul 2018 00:52

Tgt Ion: 43 Resp: 49370

Ion Ratio Lower Upper

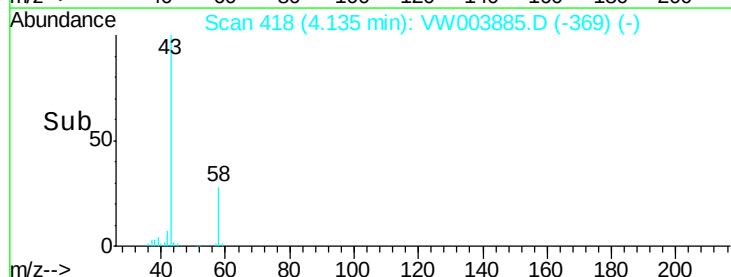
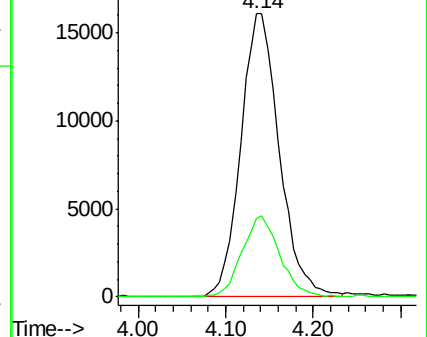
43 100

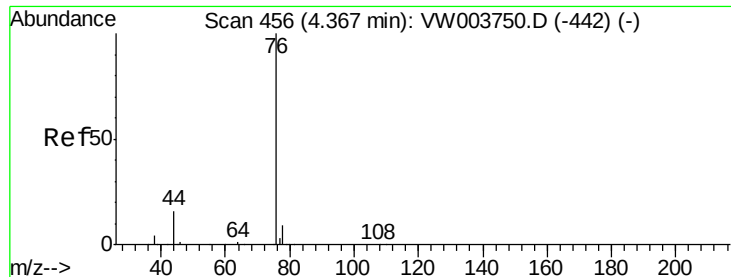
58 27.9 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

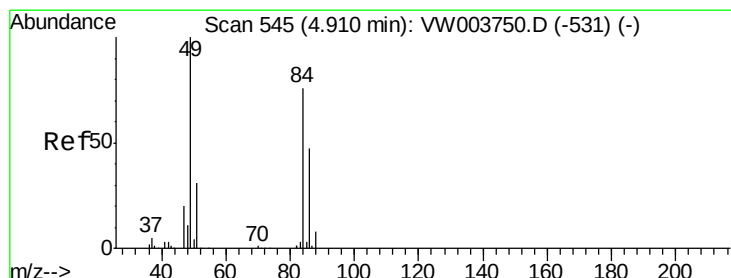
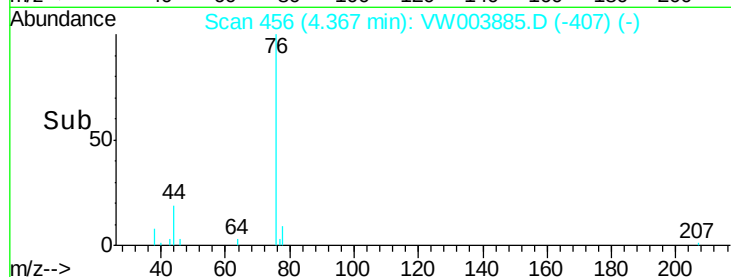
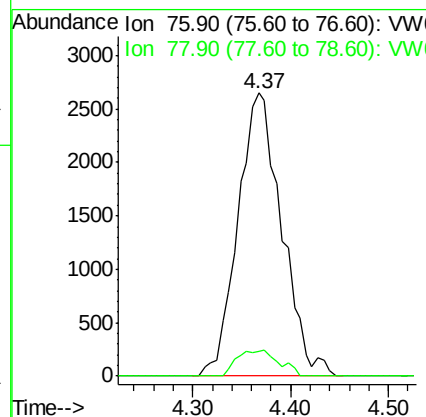
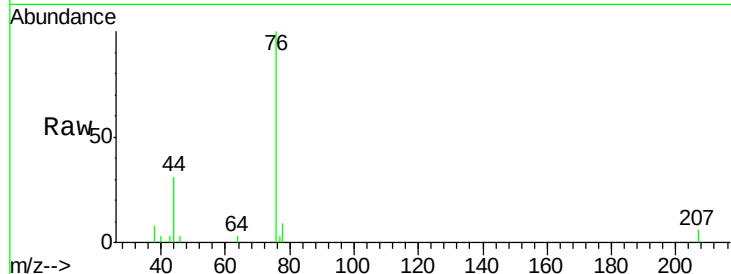




#17
Carbon Disulfide
Concen: 1.568 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW003885.D
Acq: 12 Jul 2018 00:52

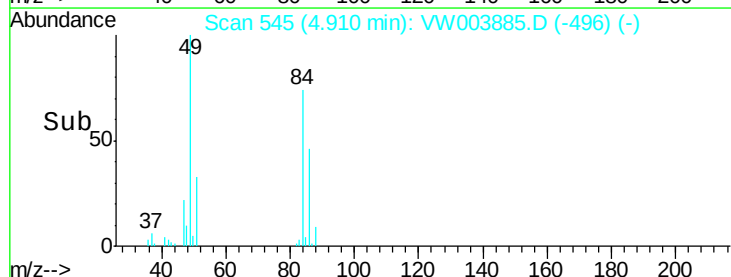
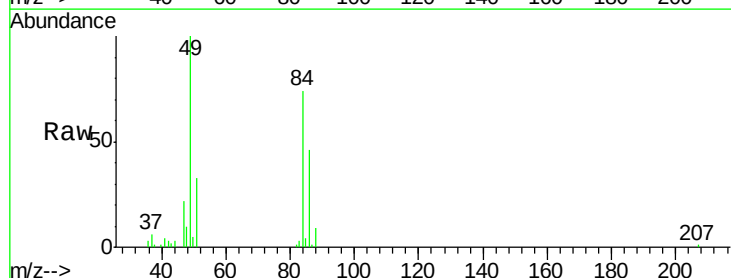
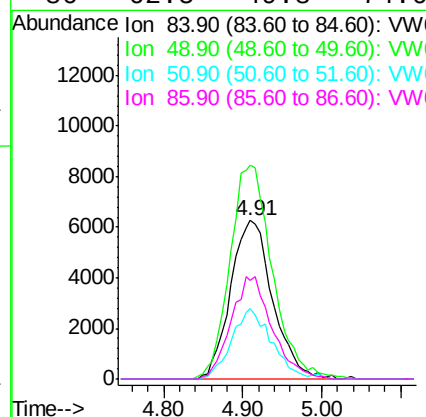
Instrument :
MSVOA_W
ClientSampled :
NEMHRE

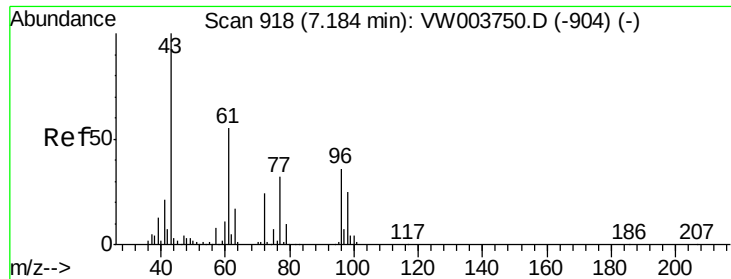
Tot Ion: 76 Resp: 8212
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2



#20
Methylene Chloride
Concen: 8.789 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003885.D
Acq: 12 Jul 2018 00:52

Tgt Ion: 84 Resp: 23321
Ion Ratio Lower Upper
84 100
49 134.6 105.1 157.7
51 44.6 32.5 48.7
86 62.5 49.8 74.6





#25

2-Butanone

Concen: 27.025 ug/l

RT: 7.18 min Scan# 918

Delta R.T. -0.00 min

Lab File: VW003885.D

Acq: 12 Jul 2018 00:52

Instrument :

MSVOA_W

ClientSampleId :

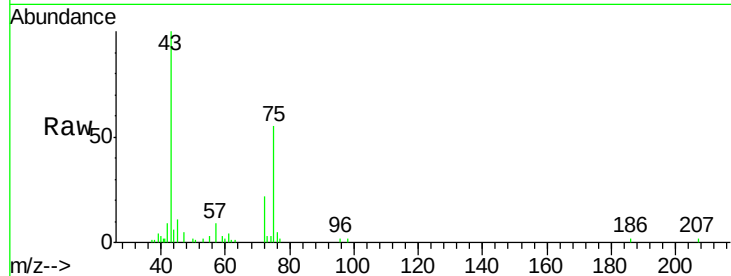
NEMHRE

Tot Ion: 43 Resp: 16332

Ion Ratio Lower Upper

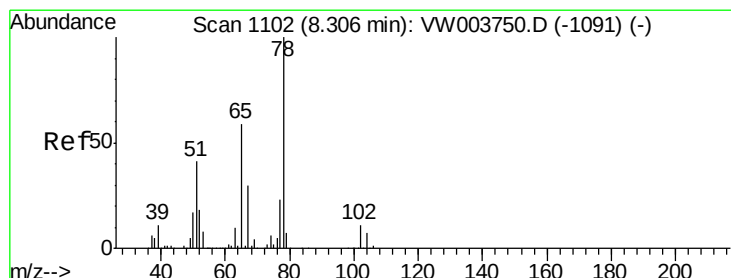
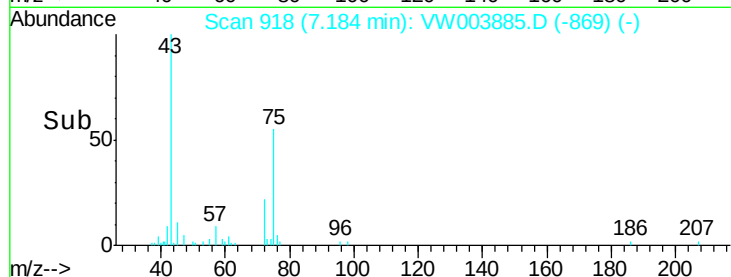
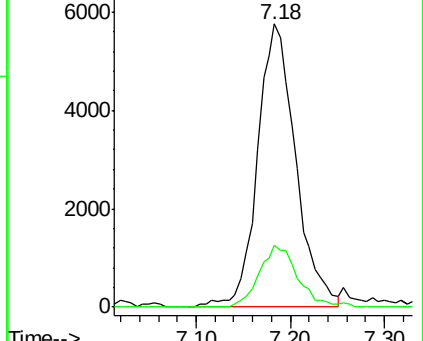
43 100

72 21.9 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#33

1,2-Dichloroethane-d4

Concen: 51.648 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW003885.D

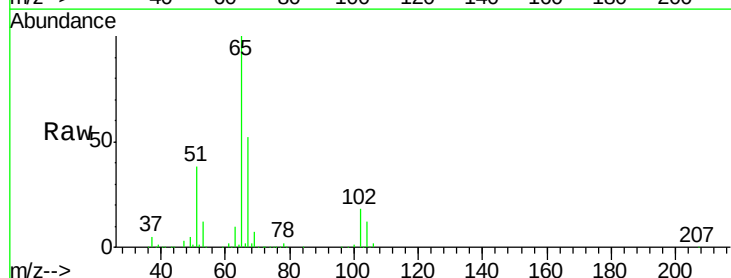
Acq: 12 Jul 2018 00:52

Tgt Ion: 65 Resp: 114860

Ion Ratio Lower Upper

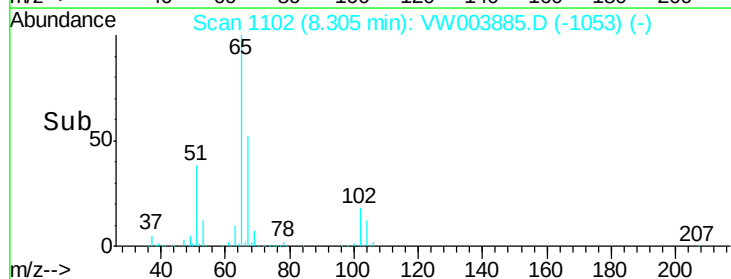
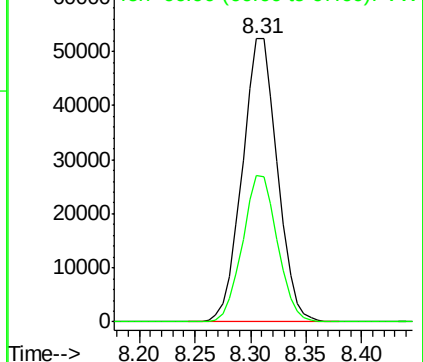
65 100

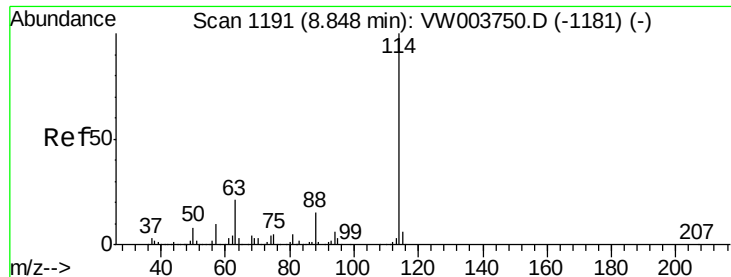
67 51.4 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW003885.D

Acq: 12 Jul 2018 00:52

Instrument :

MSVOA_W

ClientSampleId :

NEMHRE

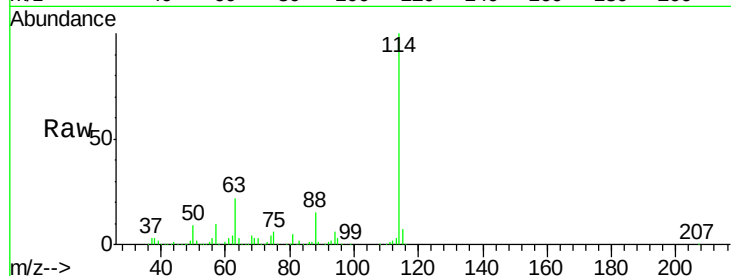
Tot Ion:114 Resp: 281274

Ion Ratio Lower Upper

114 100

63 21.7 0.0 41.8

88 15.5 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

150000

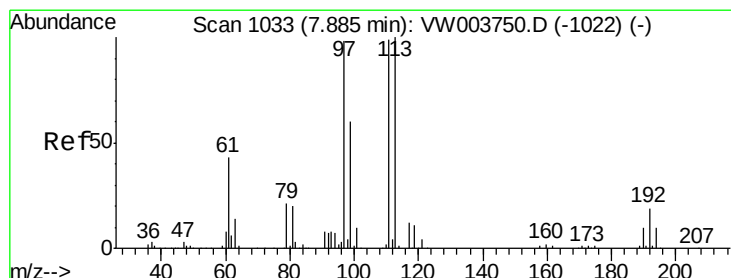
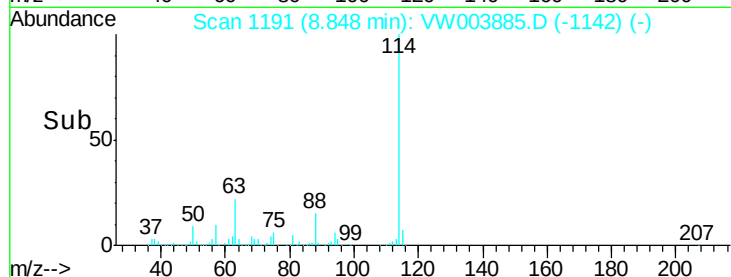
100000

50000

0

8.80 8.90

Time-->



#35

Dibromofluoromethane

Concen: 50.110 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW003885.D

Acq: 12 Jul 2018 00:52

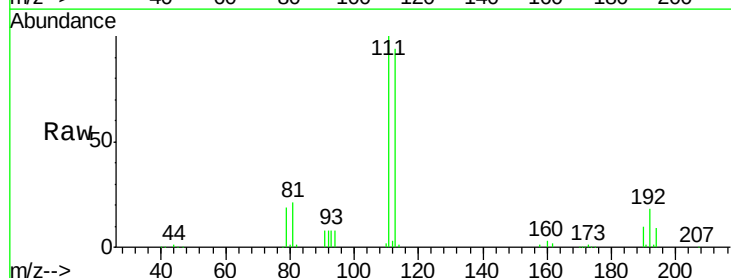
Tgt Ion:113 Resp: 98646

Ion Ratio Lower Upper

113 100

111 102.7 81.7 122.5

192 19.3 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

60000

50000

40000

30000

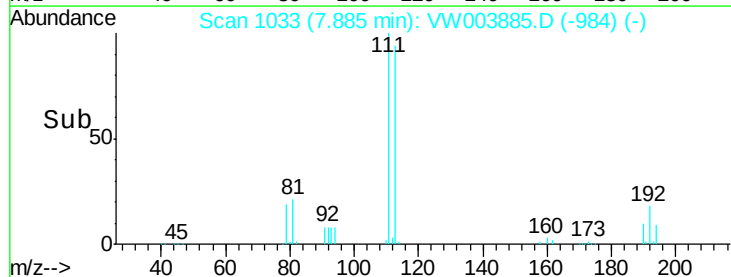
20000

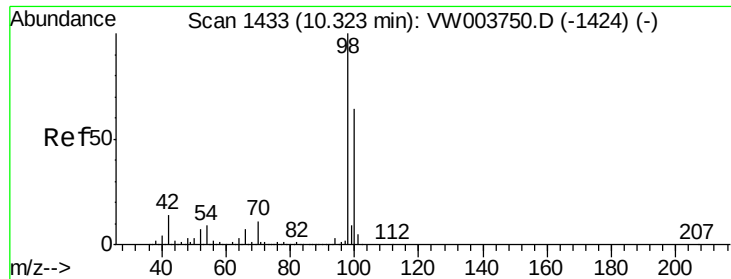
10000

0

7.80 7.90 8.00

Time-->

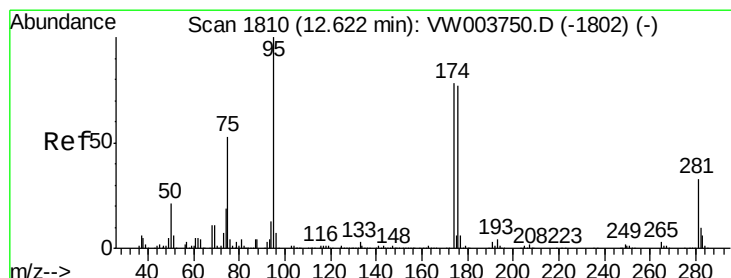
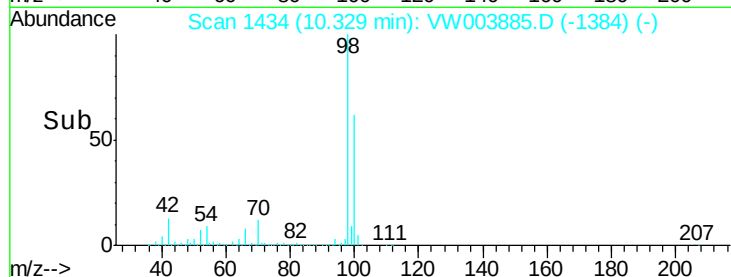
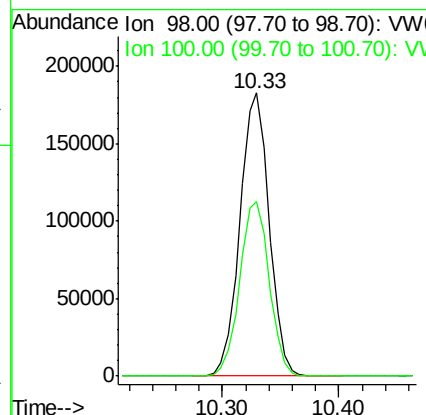
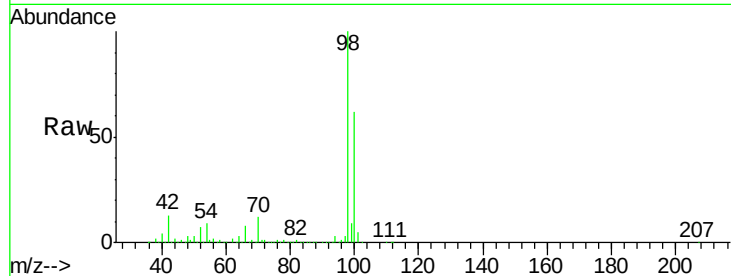




#50
Toluene-d8
Concen: 42.454 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VW003885.D
Acq: 12 Jul 2018 00:52

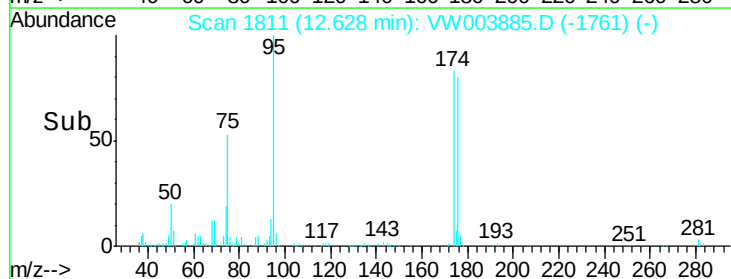
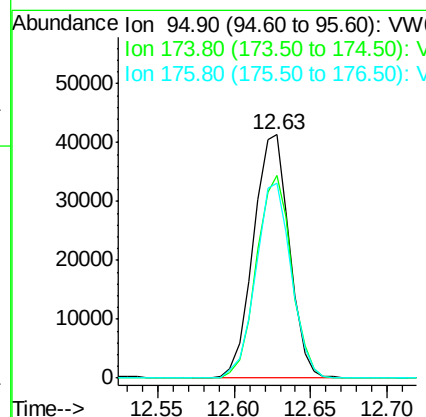
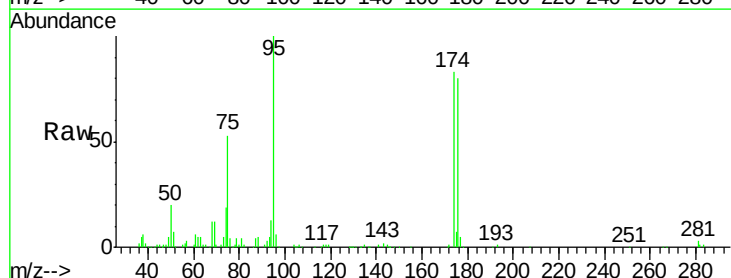
Instrument :
MSVOA_W
ClientSampleId :
NEMHRE

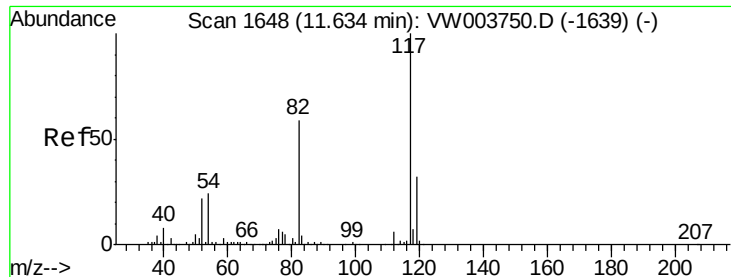
Tot Ion: 98 Resp: 319695
Ion Ratio Lower Upper
98 100
100 62.6 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 24.789 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW003885.D
Acq: 12 Jul 2018 00:52

Tgt Ion: 95 Resp: 67539
Ion Ratio Lower Upper
95 100
174 81.8 0.0 163.4
176 79.3 0.0 156.8

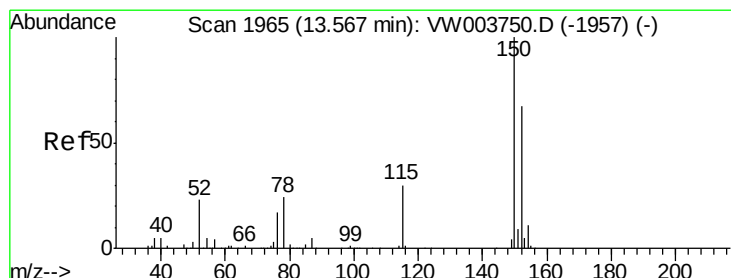
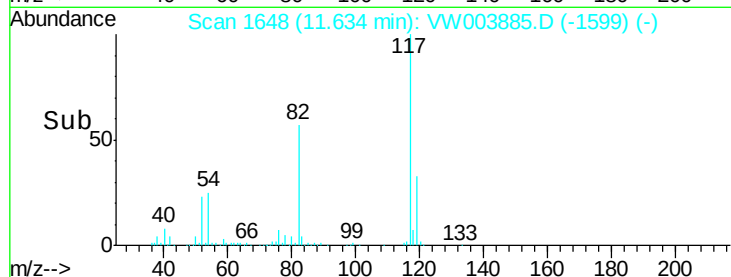
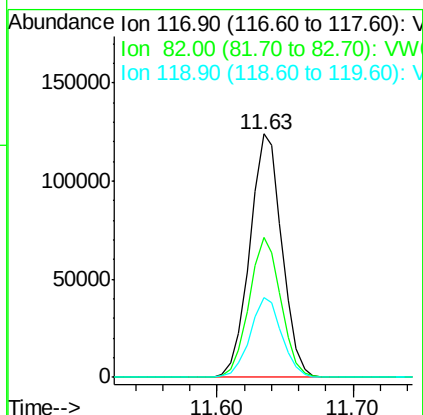
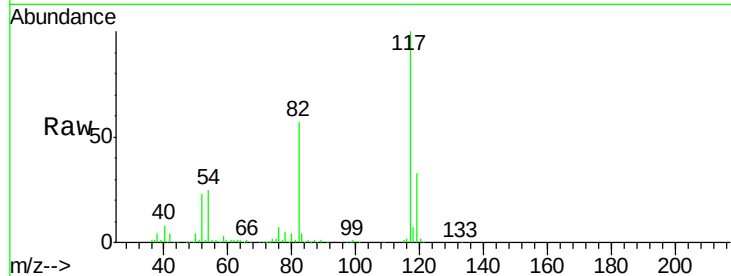




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003885.D
Acq: 12 Jul 2018 00:52

Instrument :
MSVOA_W
ClientSampleId :
NEMHRE

Tot Ion:117 Resp: 204732
Ion Ratio Lower Upper
117 100
82 57.3 46.9 70.3
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003885.D
Acq: 12 Jul 2018 00:52

Tgt Ion:152 Resp: 55100
Ion Ratio Lower Upper
152 100
115 58.9 28.9 86.8
150 155.3 0.0 342.4

