

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102518\
 Data File : VW006339.D
 Acq On : 25 Oct 2018 02:20
 Operator : SY/AP
 Sample : J4771-07
 Misc : 7.1G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NB-08-102318

Quant Time: Oct 25 07:26:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

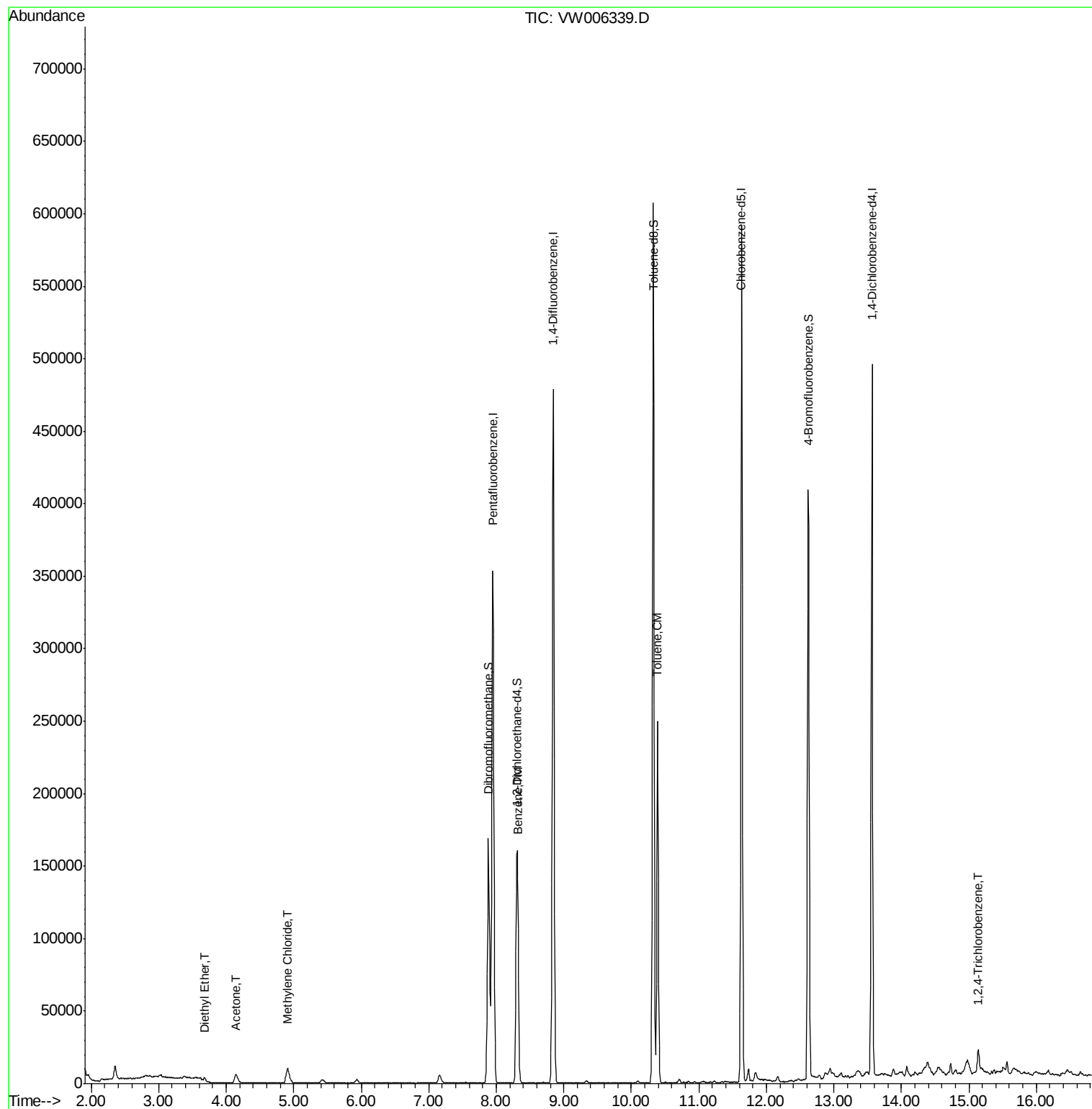
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	297143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	432559	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	345947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	138627	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	122153	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
35) Dibromofluoromethane	7.88	113	116296	45.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.00%	
50) Toluene-d8	10.33	98	430054	44.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.46%	
62) 4-Bromofluorobenzene	12.62	95	128445	35.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.34%	
Target Compounds						
8) Diethyl Ether	3.68	74	1742	1.302	ug/l	72
16) Acetone	4.15	43	12890	13.910	ug/l	99
20) Methylene Chloride	4.91	84	8841	1.823	ug/l	88
40) Benzene	8.32	78	22120	2.023	ug/l	97
52) Toluene	10.39	92	104831	14.297	ug/l	100
93) 1,2,4-Trichlorobenzene	15.14	180	5317	1.623	ug/l #	90

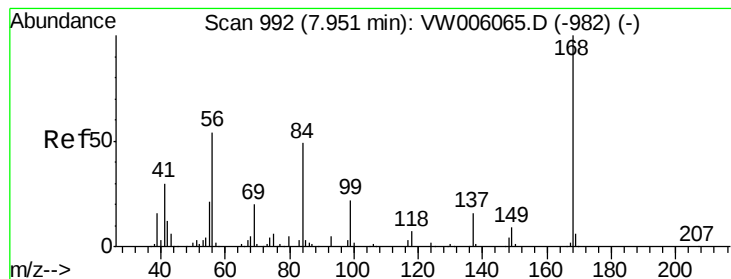
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 25 07:26:18 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006339.D

Acq: 25 Oct 2018 02:20

Instrument :

MSVOA_W

ClientSampleId :

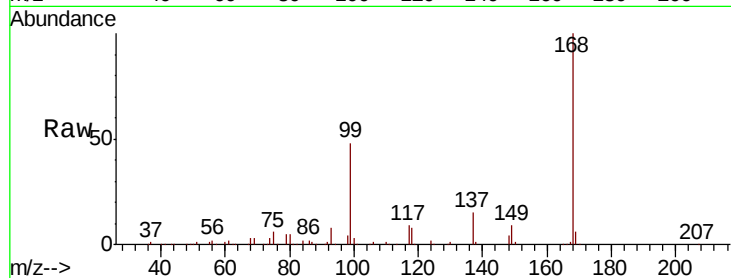
NB-08-102318

Tot Ion:168 Resp: 297143

Ion Ratio Lower Upper

168 100

99 48.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

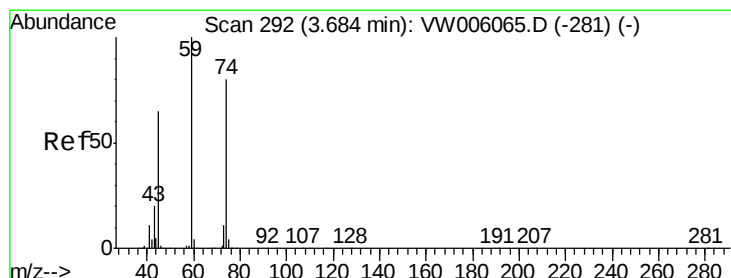
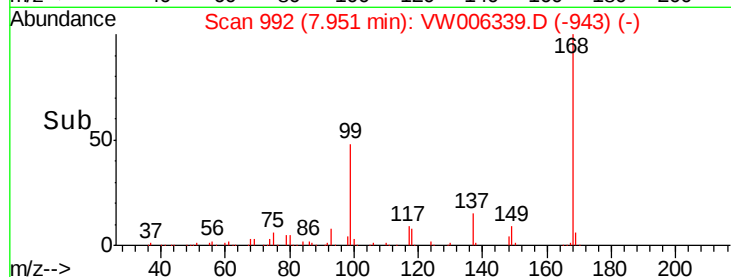
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.302 ug/l

RT: 3.68 min Scan# 292

Delta R.T. -0.00 min

Lab File: VW006339.D

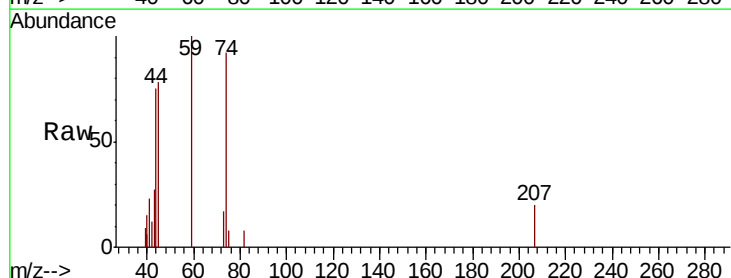
Acq: 25 Oct 2018 02:20

Tgt Ion: 74 Resp: 1742

Ion Ratio Lower Upper

74 100

45 111.5 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

800

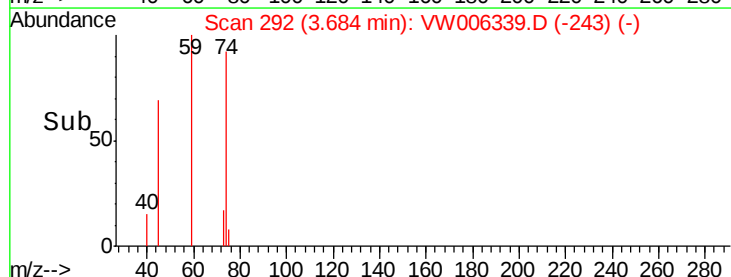
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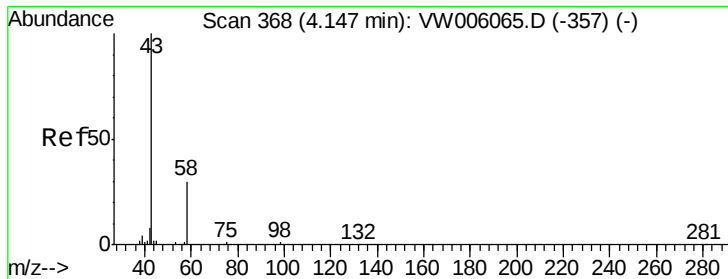
400

200

0

Time-->

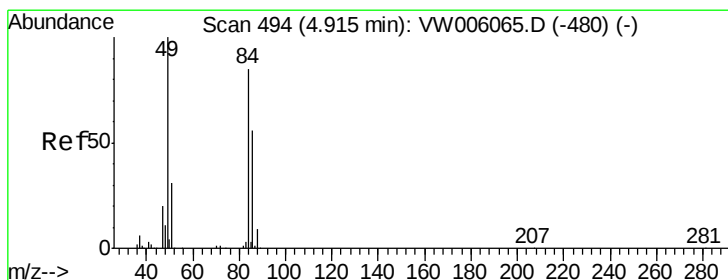
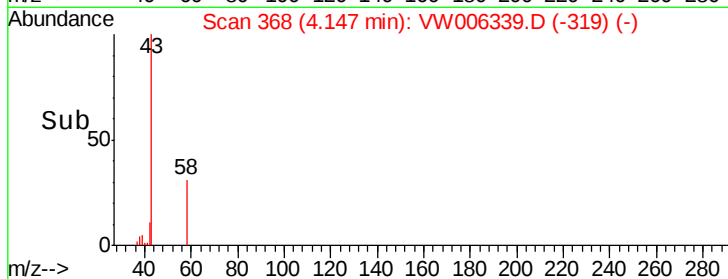
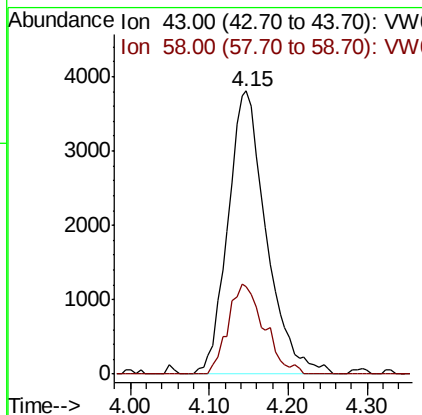
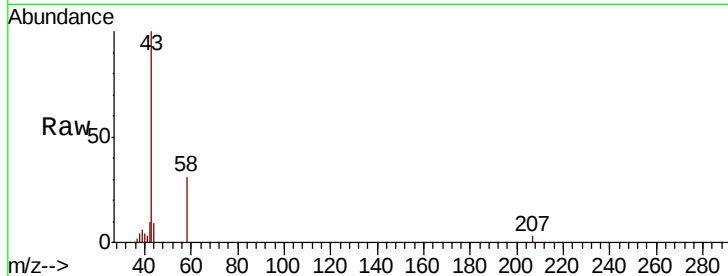




#16
Acetone
Concen: 13.910 ug/l
RT: 4.15 min Scan# 368
Delta R.T. 0.00 min
Lab File: VW006339.D
Acq: 25 Oct 2018 02:20

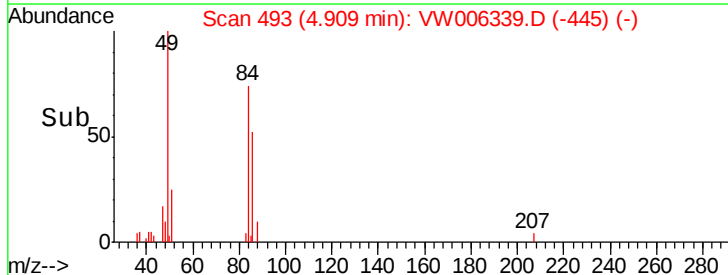
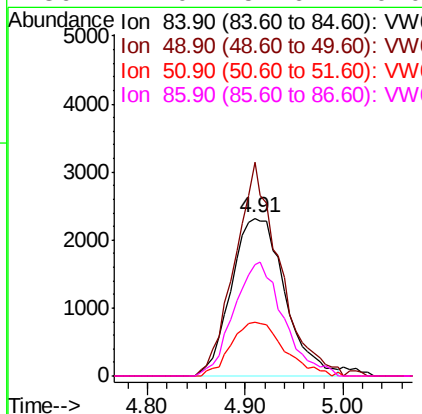
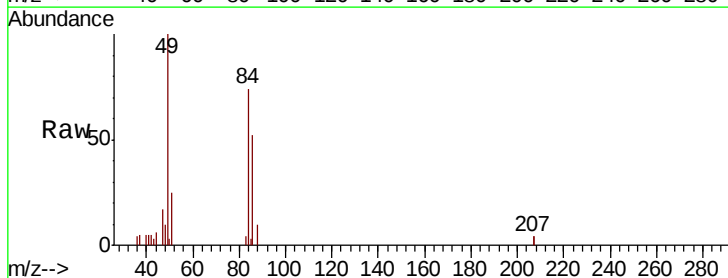
Instrument :
MSVOA_W
ClientSampleId :
NB-08-102318

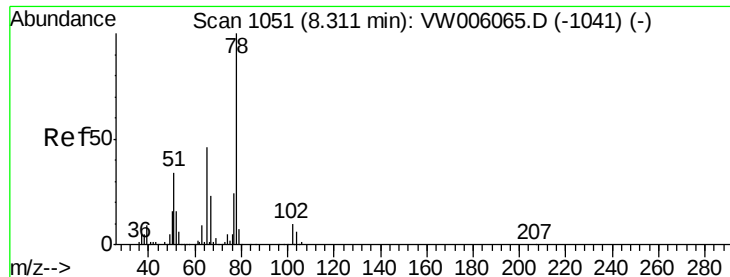
Tot Ion: 43 Resp: 12890
Ion Ratio Lower Upper
43 100
58 30.8 24.0 36.0



#20
Methylene Chloride
Concen: 1.823 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006339.D
Acq: 25 Oct 2018 02:20

Tgt Ion: 84 Resp: 8841
Ion Ratio Lower Upper
84 100
49 135.5 93.6 140.4
51 33.8 29.0 43.4
86 71.0 52.6 79.0





#33

1,2-Dichloroethane-d4

Concen: 49.586 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006339.D

Acq: 25 Oct 2018 02:20

Instrument :

MSVOA_W

ClientSampleId :

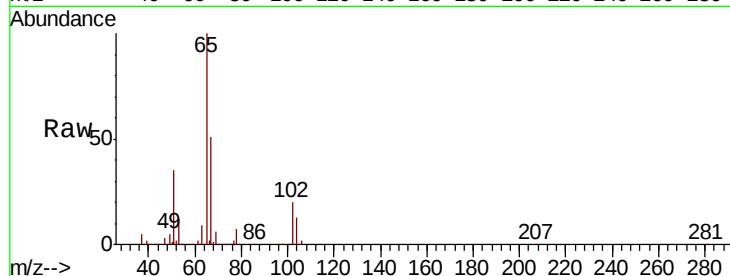
NB-08-102318

Tot Ion: 65 Resp: 122153

Ion Ratio Lower Upper

65 100

67 50.9 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

60000

50000

40000

30000

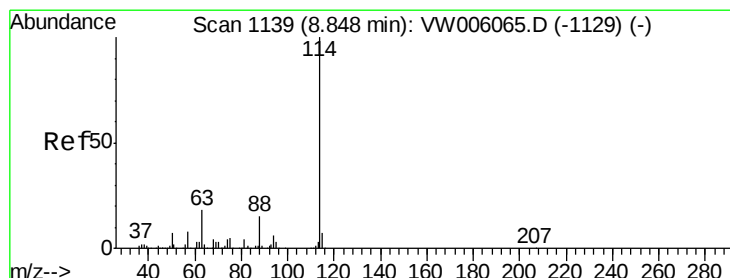
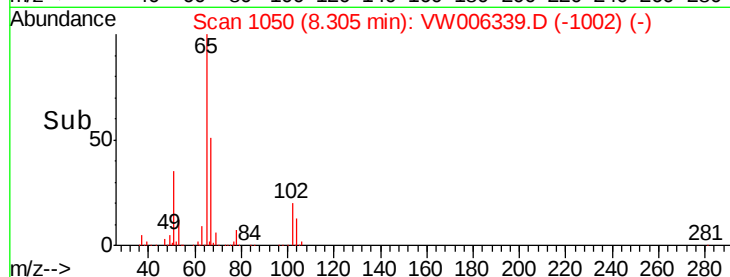
20000

10000

0

8.20 8.30 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW006339.D

Acq: 25 Oct 2018 02:20

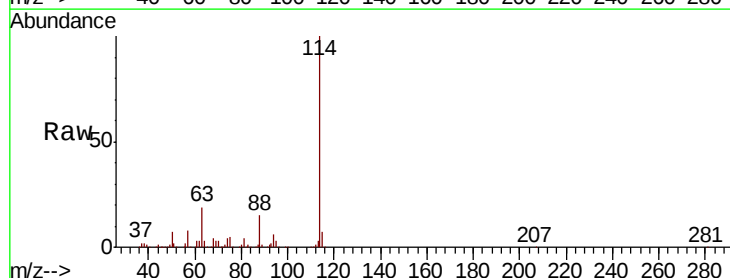
Tgt Ion: 114 Resp: 432559

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.8

88 14.8 0.0 29.0



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

300000

250000

200000

150000

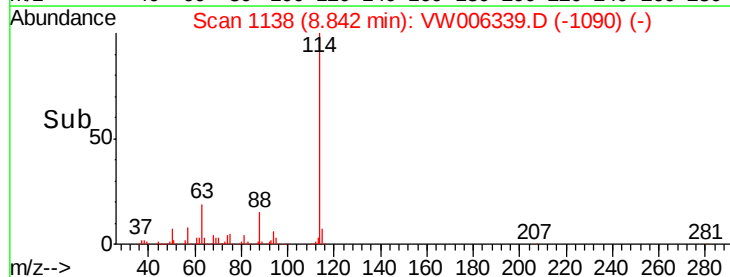
100000

50000

0

8.80 8.90

Time-->

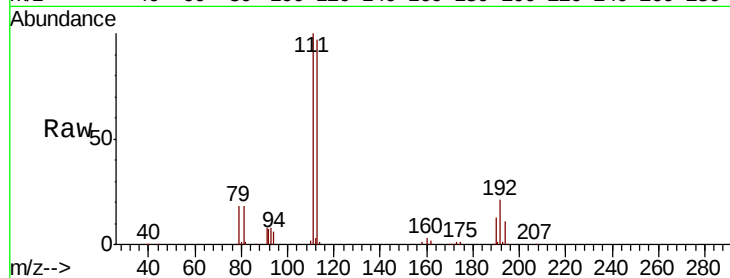




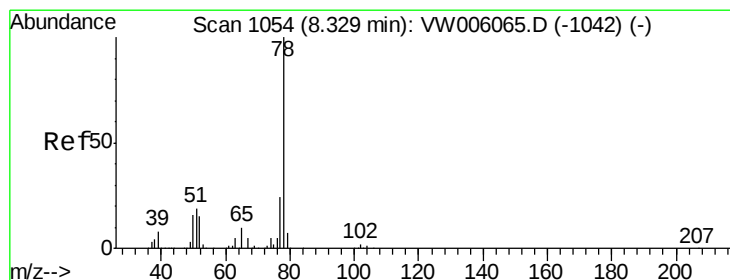
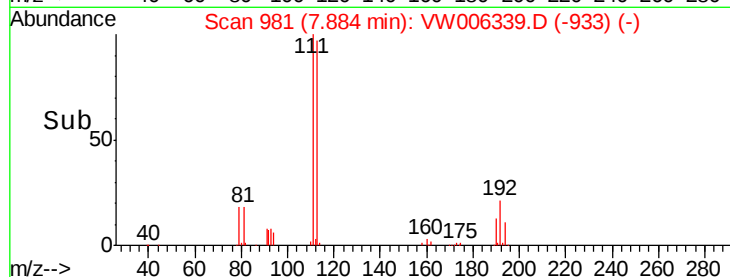
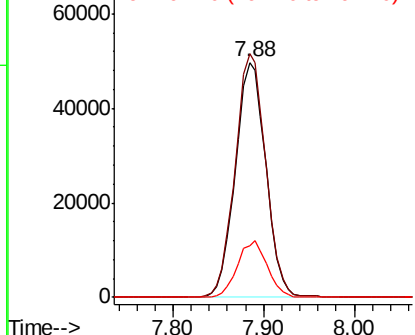
#35
 Dibromofluoromethane
 Concen: 45.500 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006339.D
 Acq: 25 Oct 2018 02:20

Instrument :
 MSVOA_W
 ClientSampleId :
 NB-08-102318

Tot Ion:113 Resp: 116296
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.4 122.0
 192 23.6 18.7 28.1

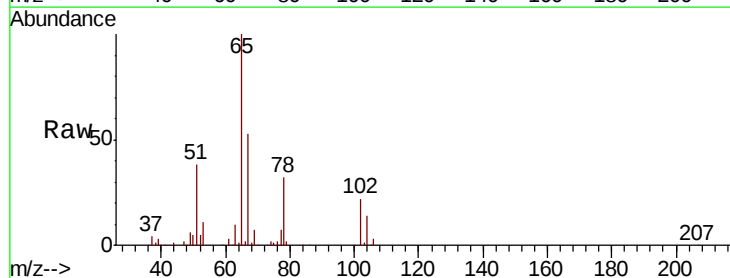


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

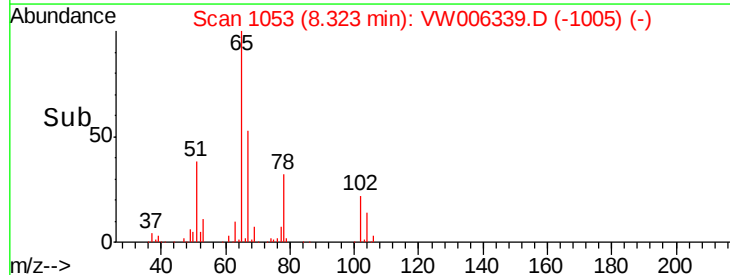
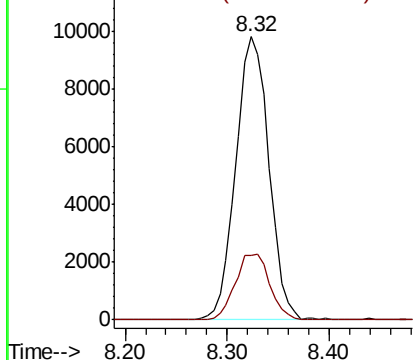


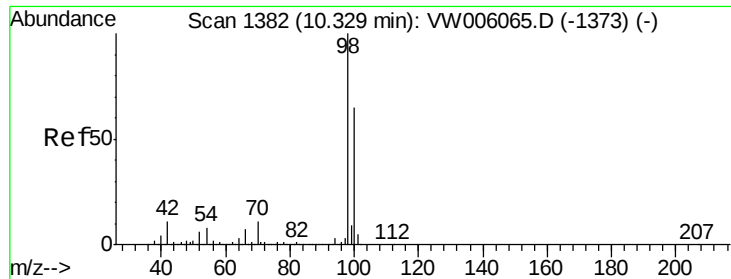
#40
 Benzene
 Concen: 2.023 ug/l
 RT: 8.32 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VW006339.D
 Acq: 25 Oct 2018 02:20

Tgt Ion: 78 Resp: 22120
 Ion Ratio Lower Upper
 78 100
 77 22.7 19.4 29.0



Abundance Ion 78.00 (77.70 to 78.70): VW
 Ion 77.00 (76.70 to 77.70): VW





#50

Toluene-d8

Concen: 44.225 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006339.D

Acq: 25 Oct 2018 02:20

Instrument :

MSVOA_W

ClientSampleId :

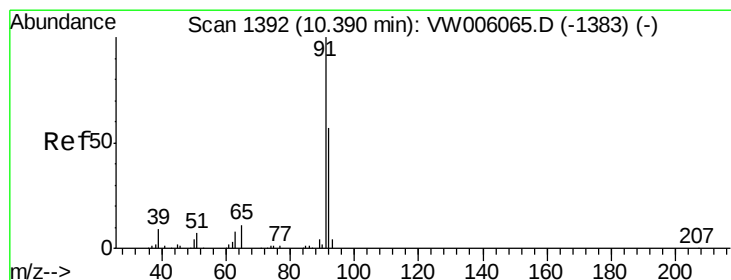
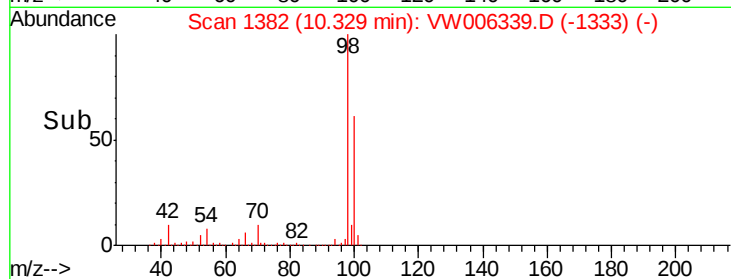
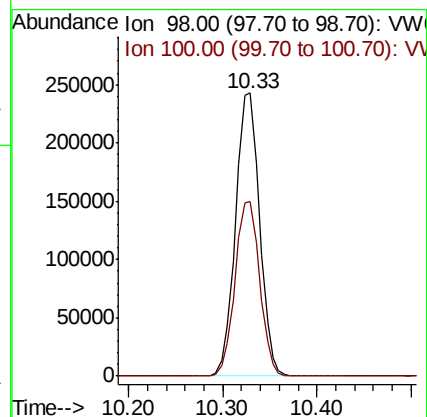
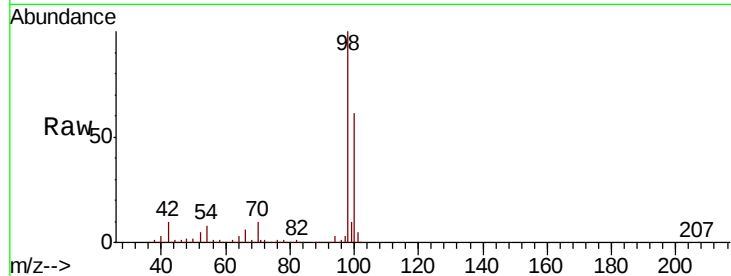
NB-08-102318

Tot Ion: 98 Resp: 430054

Ion Ratio Lower Upper

98 100

100 63.2 51.6 77.4



#52

Toluene

Concen: 14.297 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006339.D

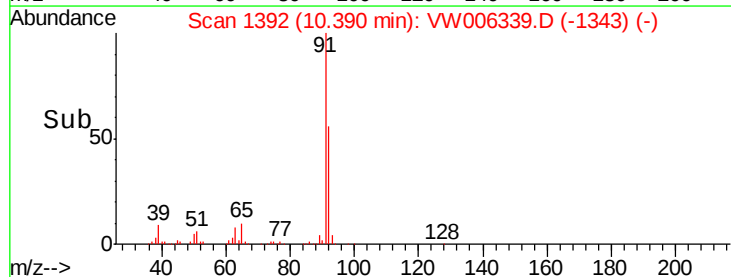
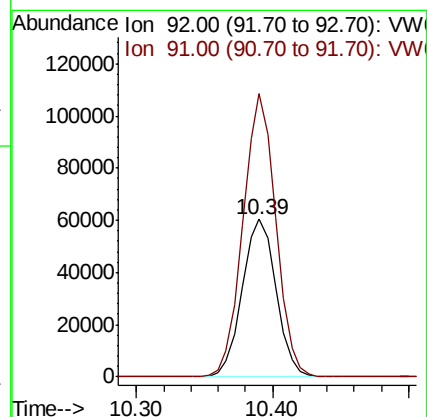
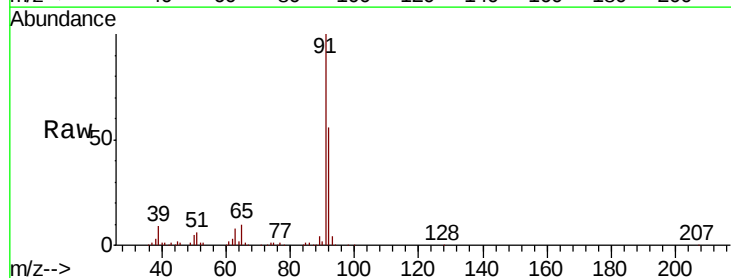
Acq: 25 Oct 2018 02:20

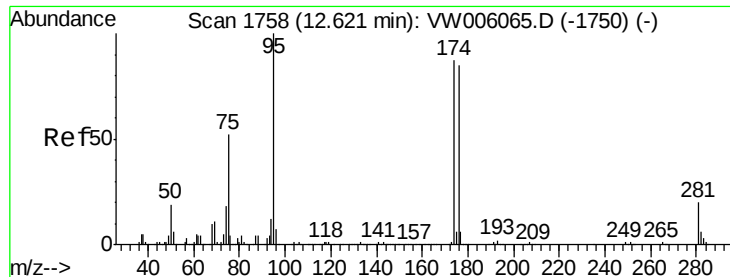
Tgt Ion: 92 Resp: 104831

Ion Ratio Lower Upper

92 100

91 174.5 140.0 210.0

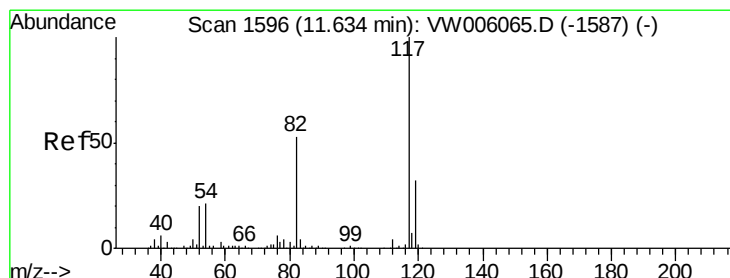
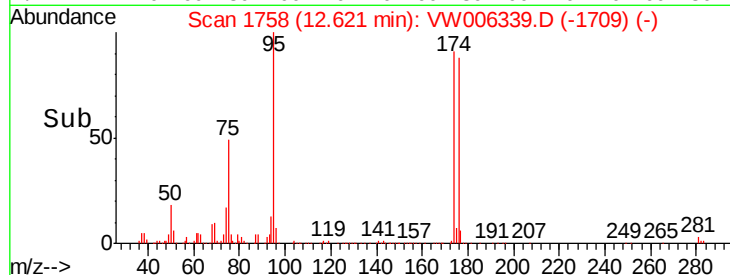
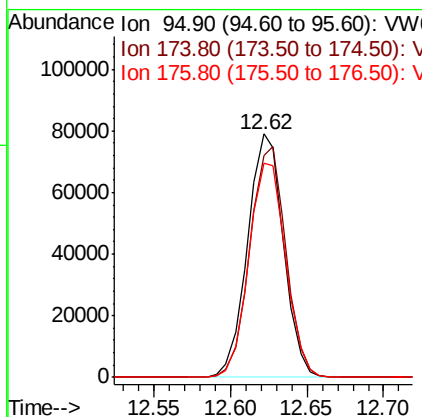
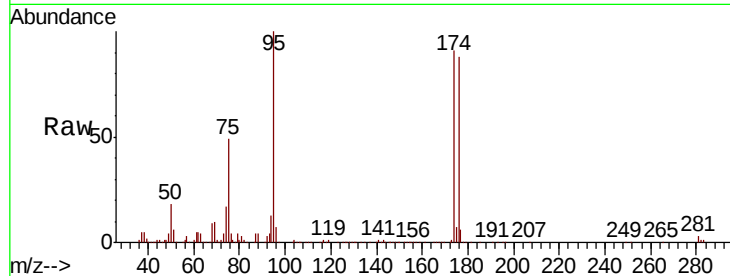




#62
4-Bromofluorobenzene
Concen: 35.168 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006339.D
Acq: 25 Oct 2018 02:20

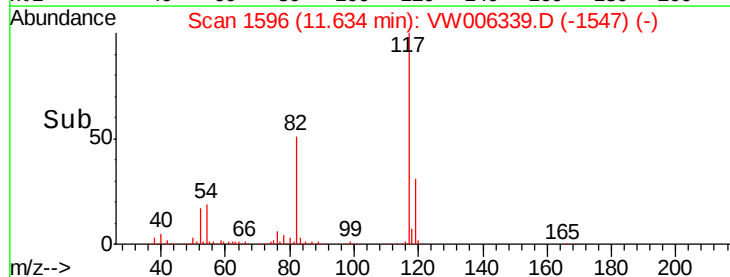
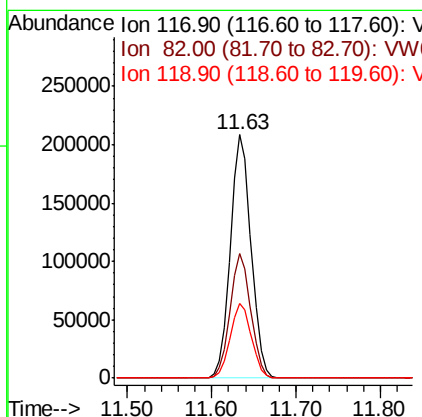
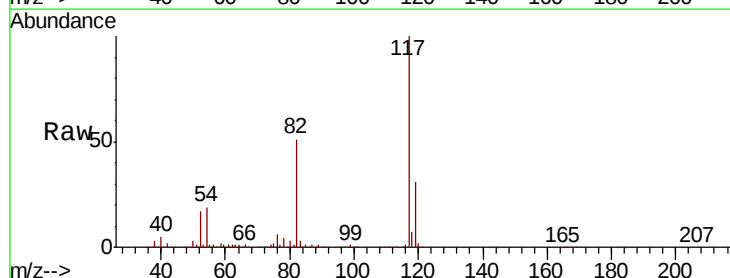
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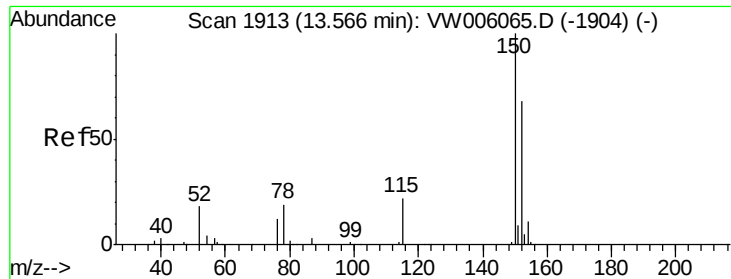
Tot Ion: 95 Resp: 128445
Ion Ratio Lower Upper
95 100
174 95.2 0.0 186.0
176 91.1 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006339.D
Acq: 25 Oct 2018 02:20

Tgt Ion: 117 Resp: 345947
Ion Ratio Lower Upper
117 100
82 51.2 42.1 63.1
119 30.9 25.8 38.6



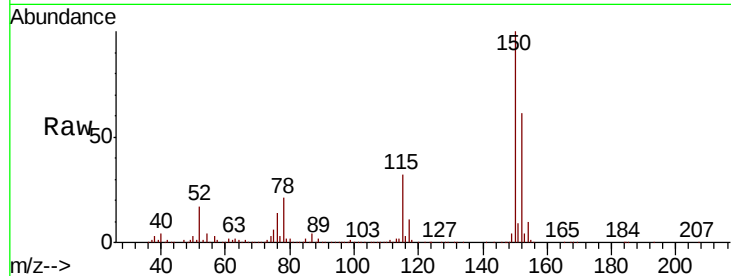


#72

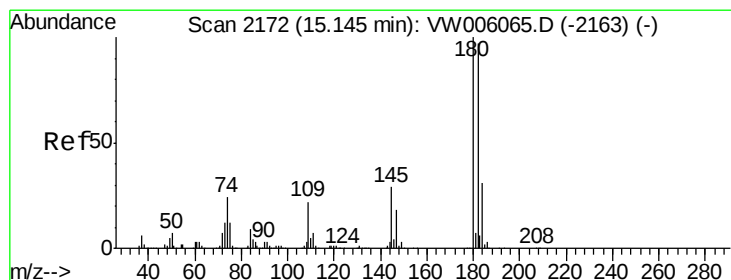
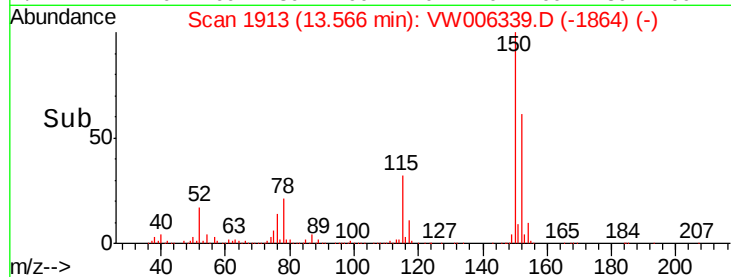
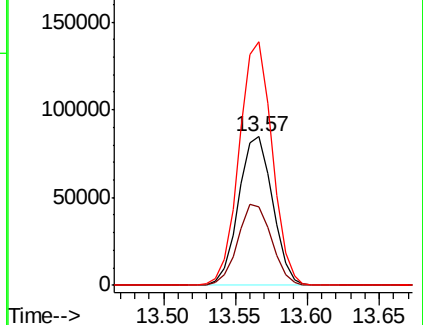
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006339.D
Acq: 25 Oct 2018 02:20

Instrument :
MSVOA_W
ClientSampleId :
NB-08-102318

Tot Ion:152 Resp: 138627
Ion Ratio Lower Upper
152 100
115 54.1 27.8 83.3
150 159.1 0.0 349.2



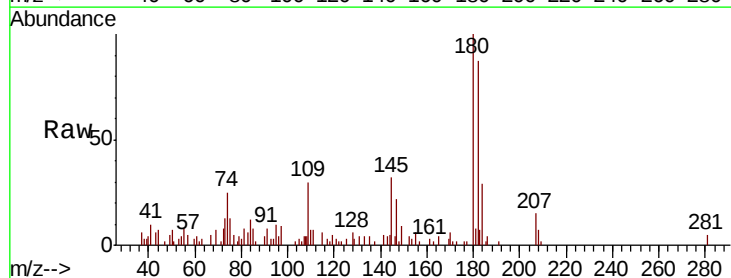
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#93

1,2,4-Trichlorobenzene
Concen: 1.623 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.01 min
Lab File: VW006339.D
Acq: 25 Oct 2018 02:20

Tgt Ion:180 Resp: 5317
Ion Ratio Lower Upper
180 100
182 91.6 47.9 143.6
145 43.3 14.2 42.8#



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

