

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072818\
 Data File : VW004254.D
 Acq On : 27 Jul 2018 05:53
 Operator : SY/AP
 Sample : J4162-06RE
 Misc : 4.97G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NORTHLAWN-PRECHAR-AREA-3-B

Quant Time: Jul 27 08:36:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

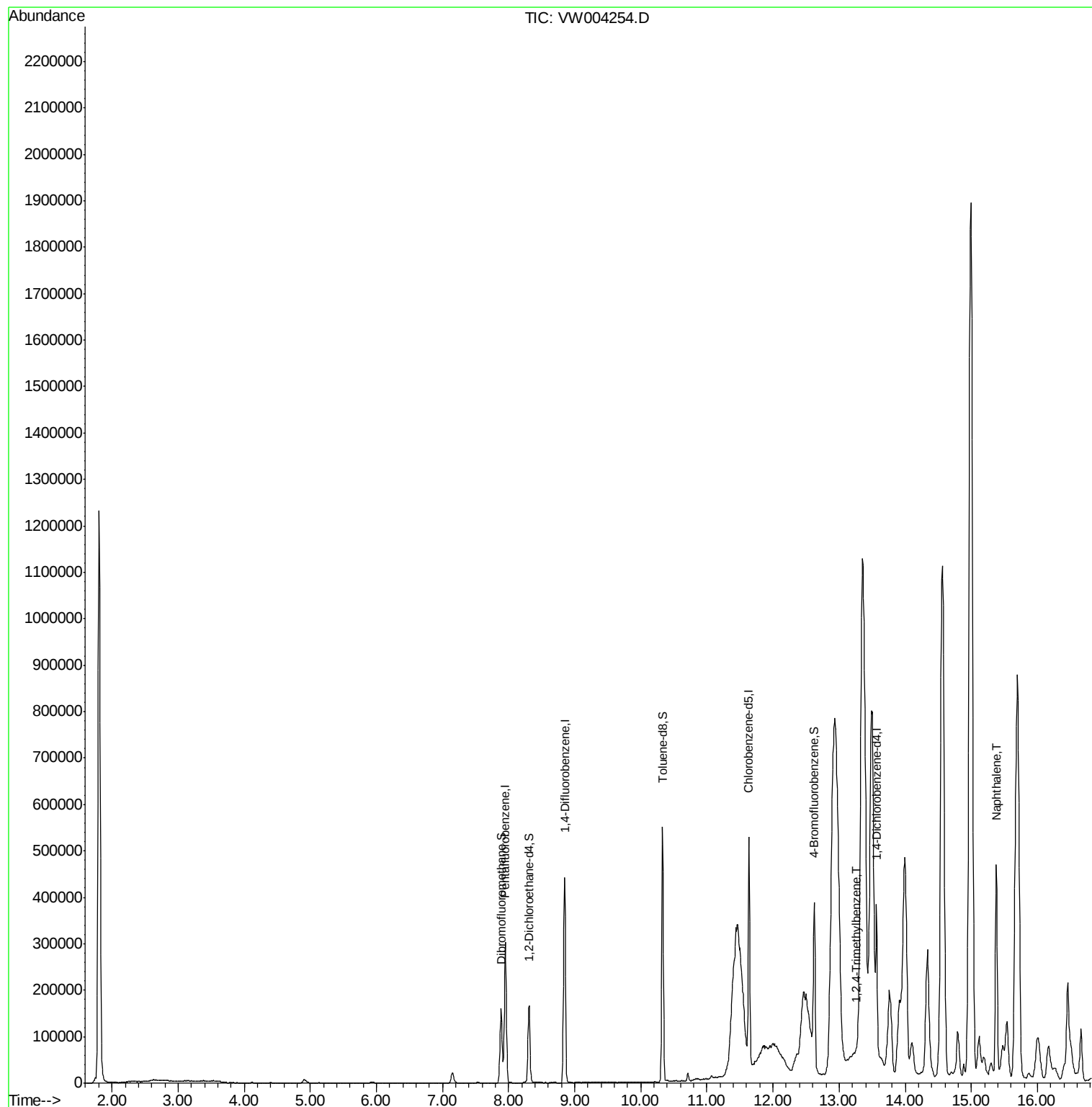
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	221170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	365658	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	272629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	93293	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	130623	52.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.68%	
35) Dibromofluoromethane	7.88	113	113445	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
50) Toluene-d8	10.33	98	370594	40.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.42%	
62) 4-Bromofluorobenzene	12.63	95	100572	30.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.28%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.26	105	8106	1.420	ug/l	93
95) Naphthalene	15.38	128	384362	105.630	ug/l	99

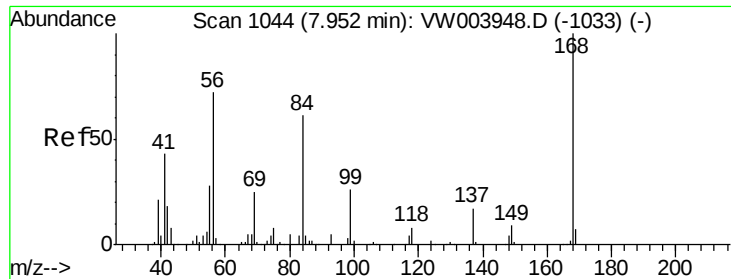
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072818\
Data File : VW004254.D
Acq On : 27 Jul 2018 05:53
Operator : SY/AP
Sample : J4162-06RE
Misc : 4.97G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
NORTHLAWN-PRECHAR-AREA-3-B

Quant Time: Jul 27 08:36:10 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 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: VW004254.D

Acq: 27 Jul 2018 05:53

Instrument :

MSVOA_W

ClientSampleId :

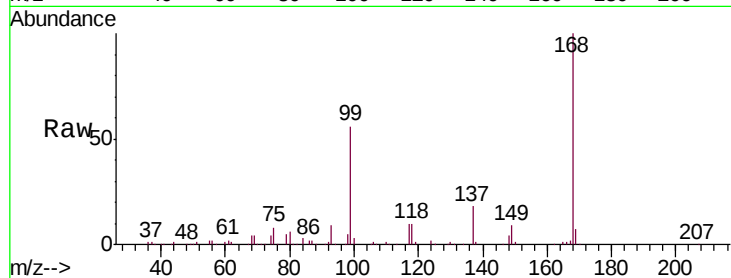
NORTHLAWN-PRECHAR-AREA-3-B

Tot Ion:168 Resp: 221170

Ion Ratio Lower Upper

168 100

99 56.3 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

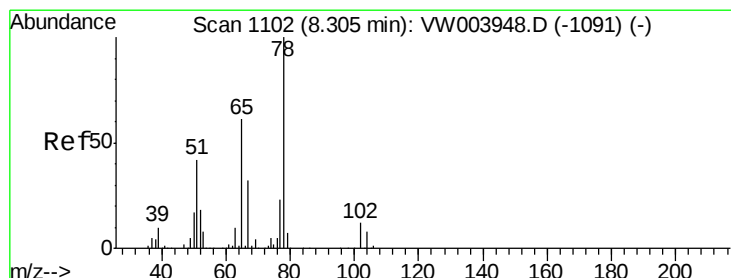
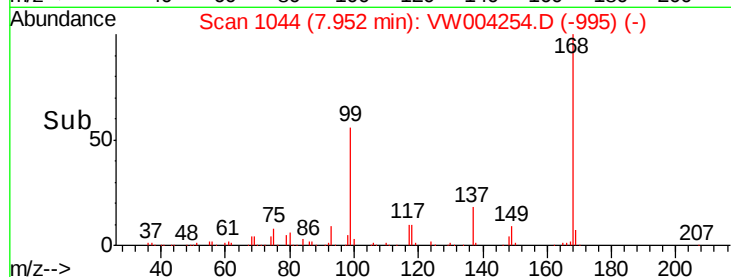
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.836 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW004254.D

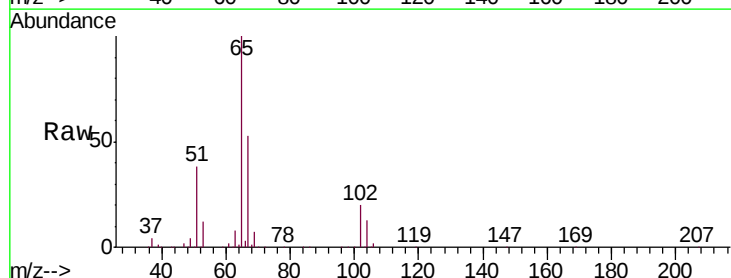
Acq: 27 Jul 2018 05:53

Tgt Ion: 65 Resp: 130623

Ion Ratio Lower Upper

65 100

67 53.2 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

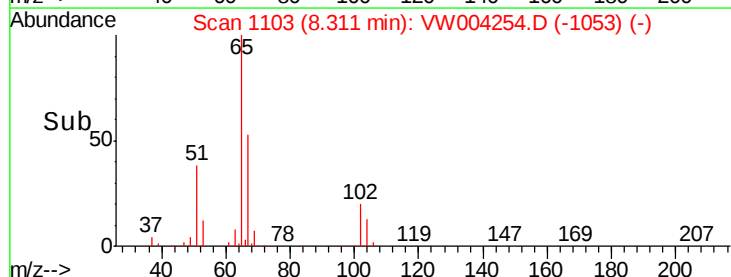
60000

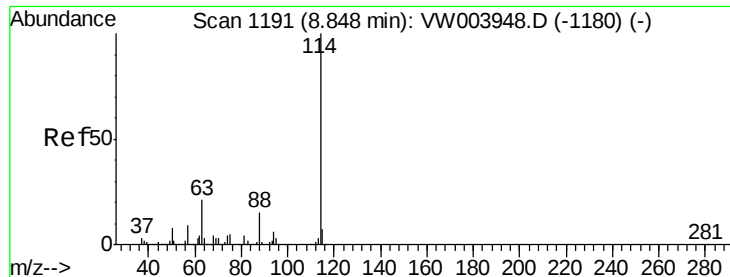
40000

20000

0

Time-->

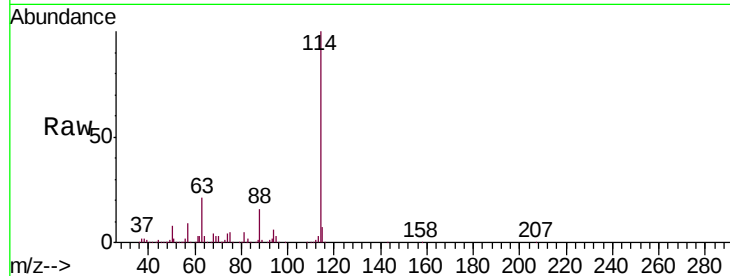




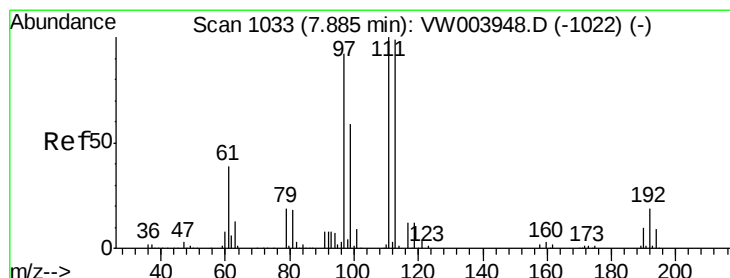
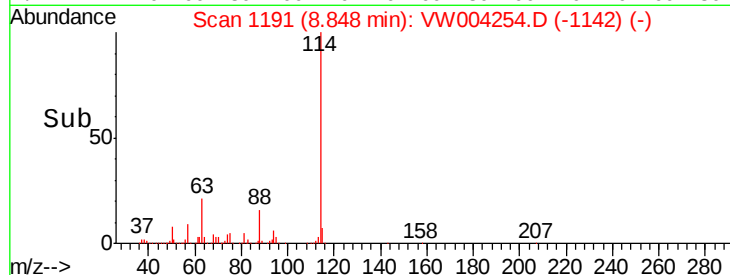
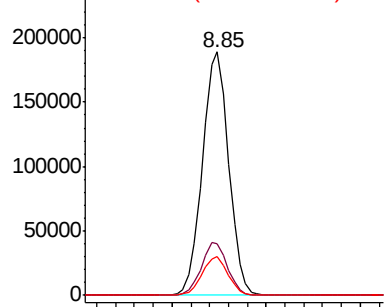
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004254.D
 Acq: 27 Jul 2018 05:53

Instrument :
 MSVOA_W
 ClientSampleId :
 NORTHLAWN-PRECHAR-AREA-3-B

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	42.8
88	15.9	0.0	30.4

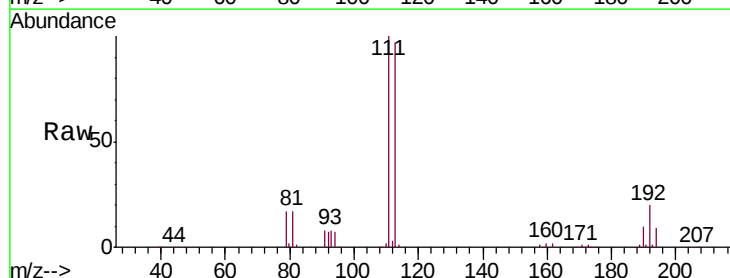


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

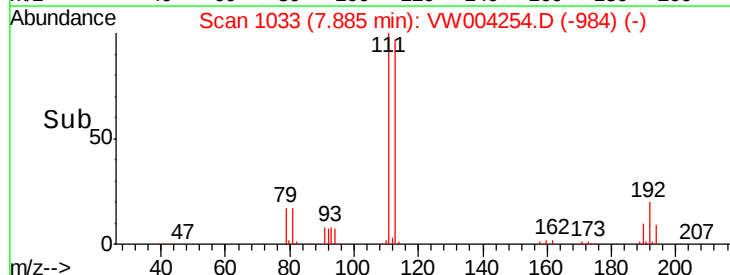
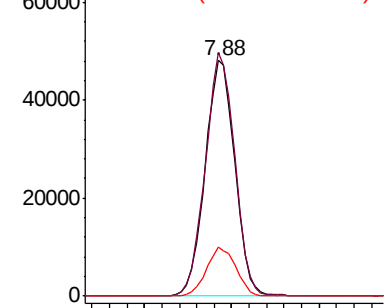


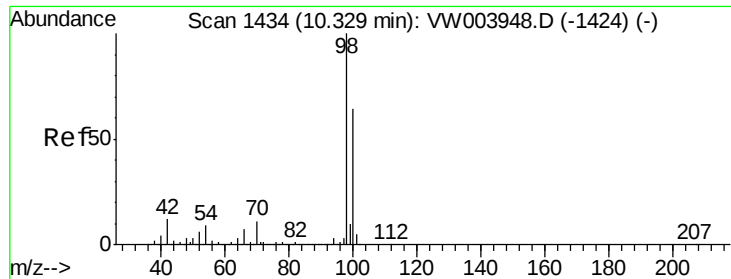
#35
 Dibromofluoromethane
 Concen: 48.354 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004254.D
 Acq: 27 Jul 2018 05:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.3	121.9
192	20.7	15.8	23.6



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: 40.708 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004254.D

Acq: 27 Jul 2018 05:53

Instrument :

MSVOA_W

ClientSampleId :

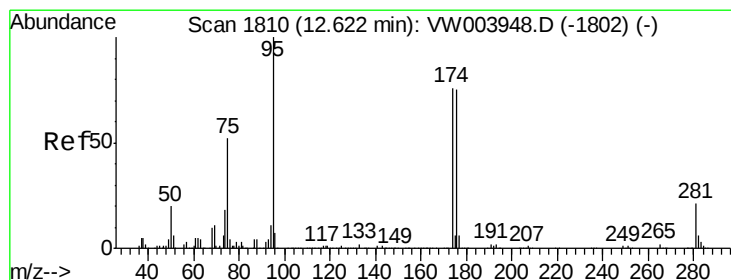
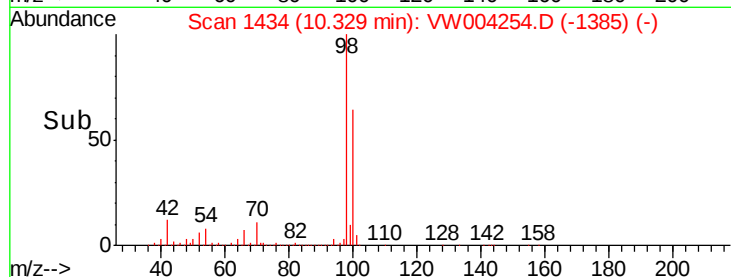
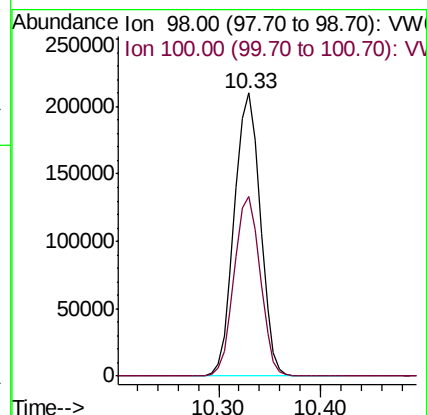
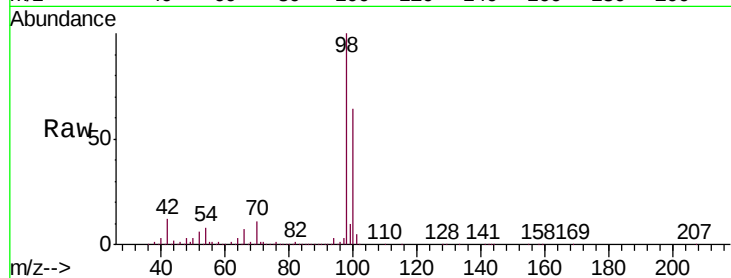
NORTHLAWN-PRECHAR-AREA-3-B

Tot Ion: 98 Resp: 370594

Ion Ratio Lower Upper

98 100

100 63.6 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 30.636 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004254.D

Acq: 27 Jul 2018 05:53

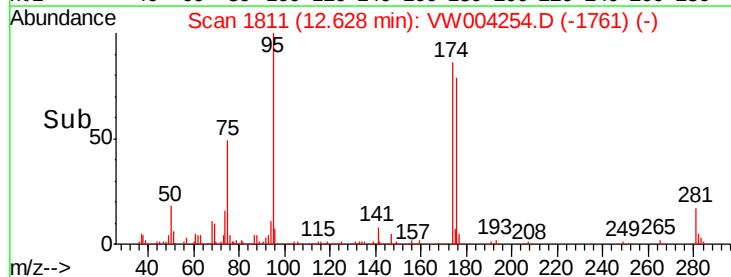
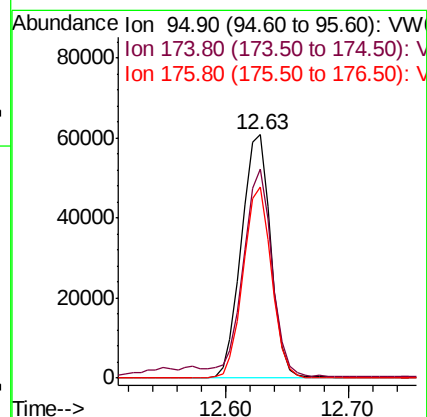
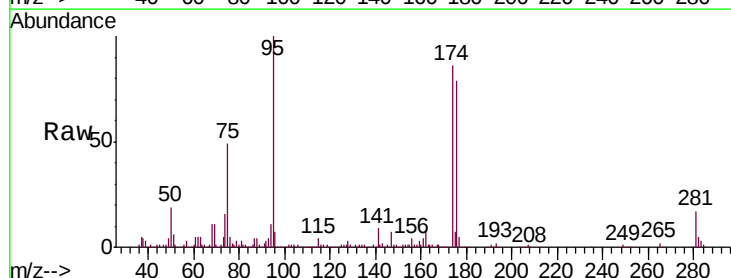
Tgt Ion: 95 Resp: 100572

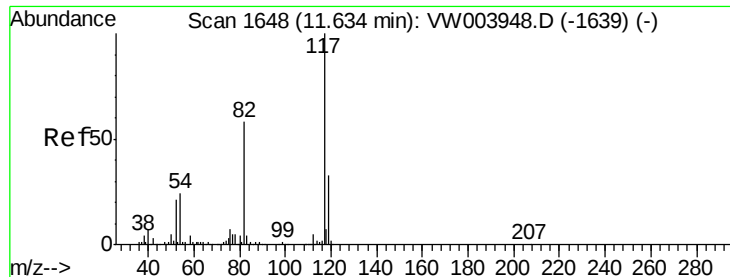
Ion Ratio Lower Upper

95 100

174 84.5 0.0 160.2

176 76.2 0.0 155.8

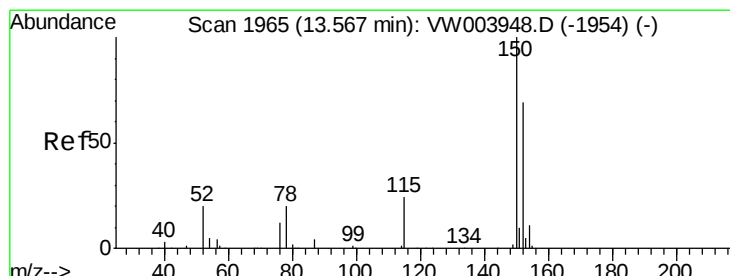
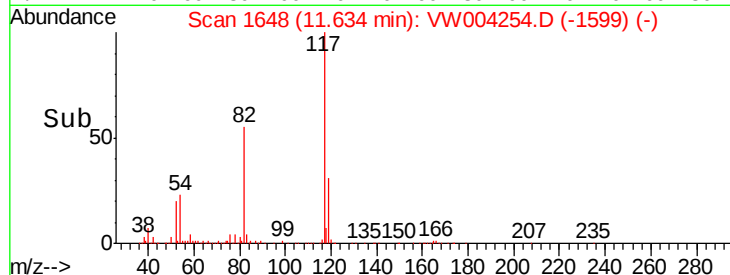
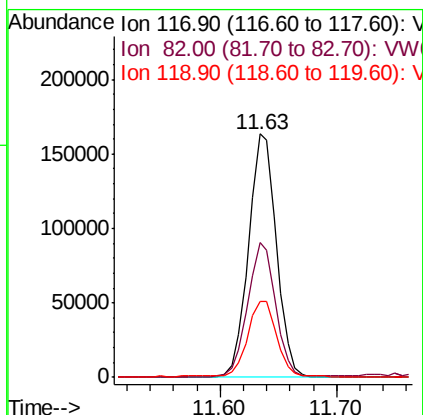
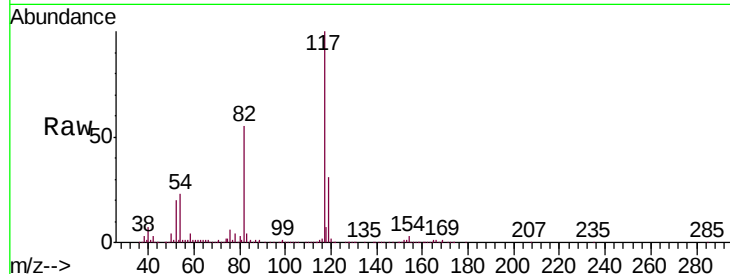




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004254.D
Acq: 27 Jul 2018 05:53

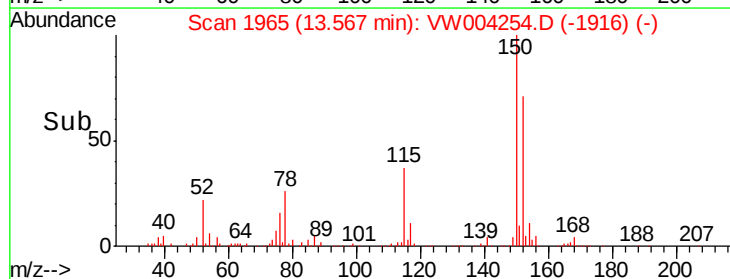
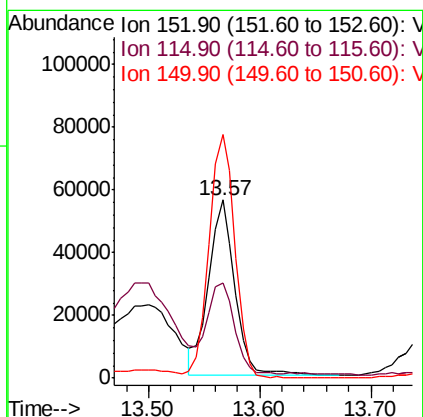
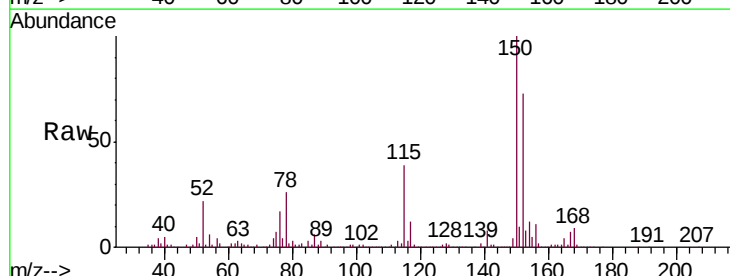
Instrument :
MSVOA_W
ClientSampleId :
NORTHLAWN-PRECHAR-AREA-3-B

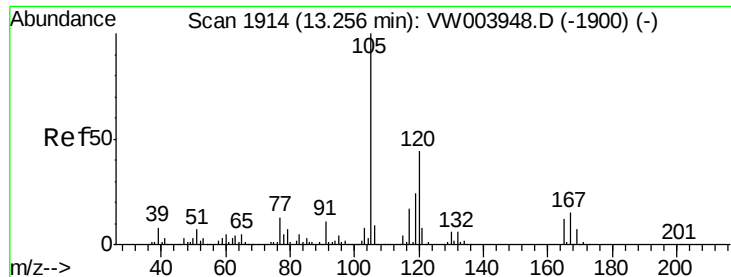
Tot Ion:117 Resp: 272629
Ion Ratio Lower Upper
117 100
82 55.0 46.5 69.7
119 31.0 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004254.D
Acq: 27 Jul 2018 05:53

Tgt Ion:152 Resp: 93293
Ion Ratio Lower Upper
152 100
115 52.1 29.2 87.6
150 134.3 0.0 345.2

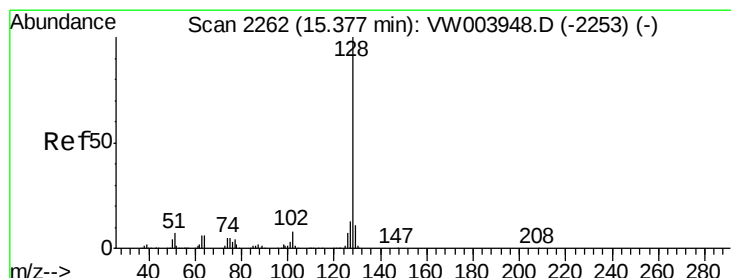
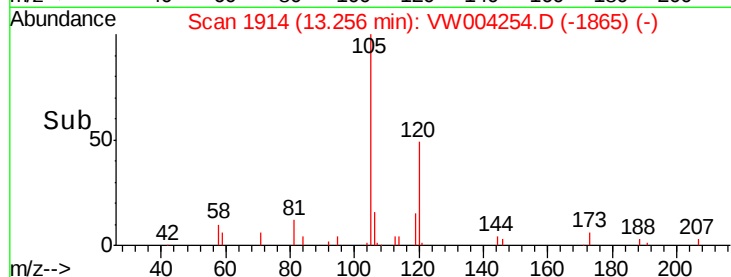
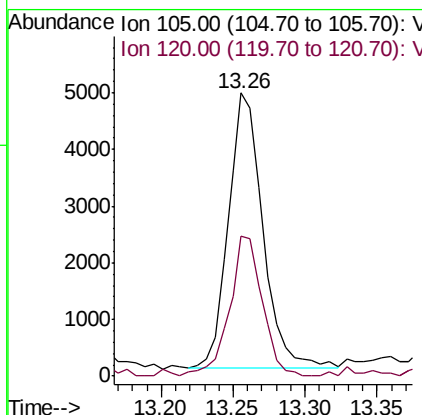
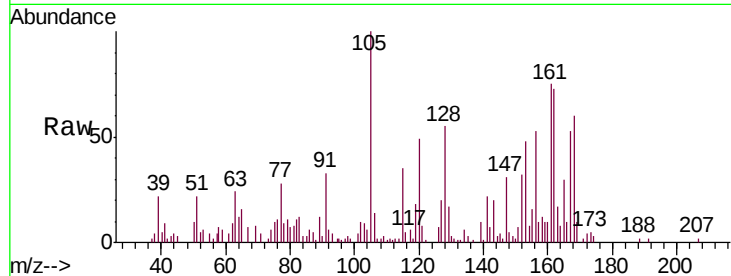




#84
 1,2,4-Trimethylbenzene
 Concen: 1.420 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW004254.D
 Acq: 27 Jul 2018 05:53

Instrument :
 MSVOA_W
 ClientSampleId :
 NORTHLAWN-PRECHAR-AREA-3-B

Tot Ion:105 Resp: 8106
 Ion Ratio Lower Upper
 105 100
 120 48.7 22.1 66.1



#95
 Naphthalene
 Concen: 105.630 ug/l
 RT: 15.38 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VW004254.D
 Acq: 27 Jul 2018 05:53

Tgt Ion:128 Resp: 384362
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.7 16.1
 129 10.7 8.7 13.1

