

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102218\
 Data File : VW006249.D
 Acq On : 22 Oct 2018 14:18
 Operator : VA/AP
 Sample : J5610-02
 Misc : 4.99G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1(7-9)

Quant Time: Oct 23 04:16:29 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

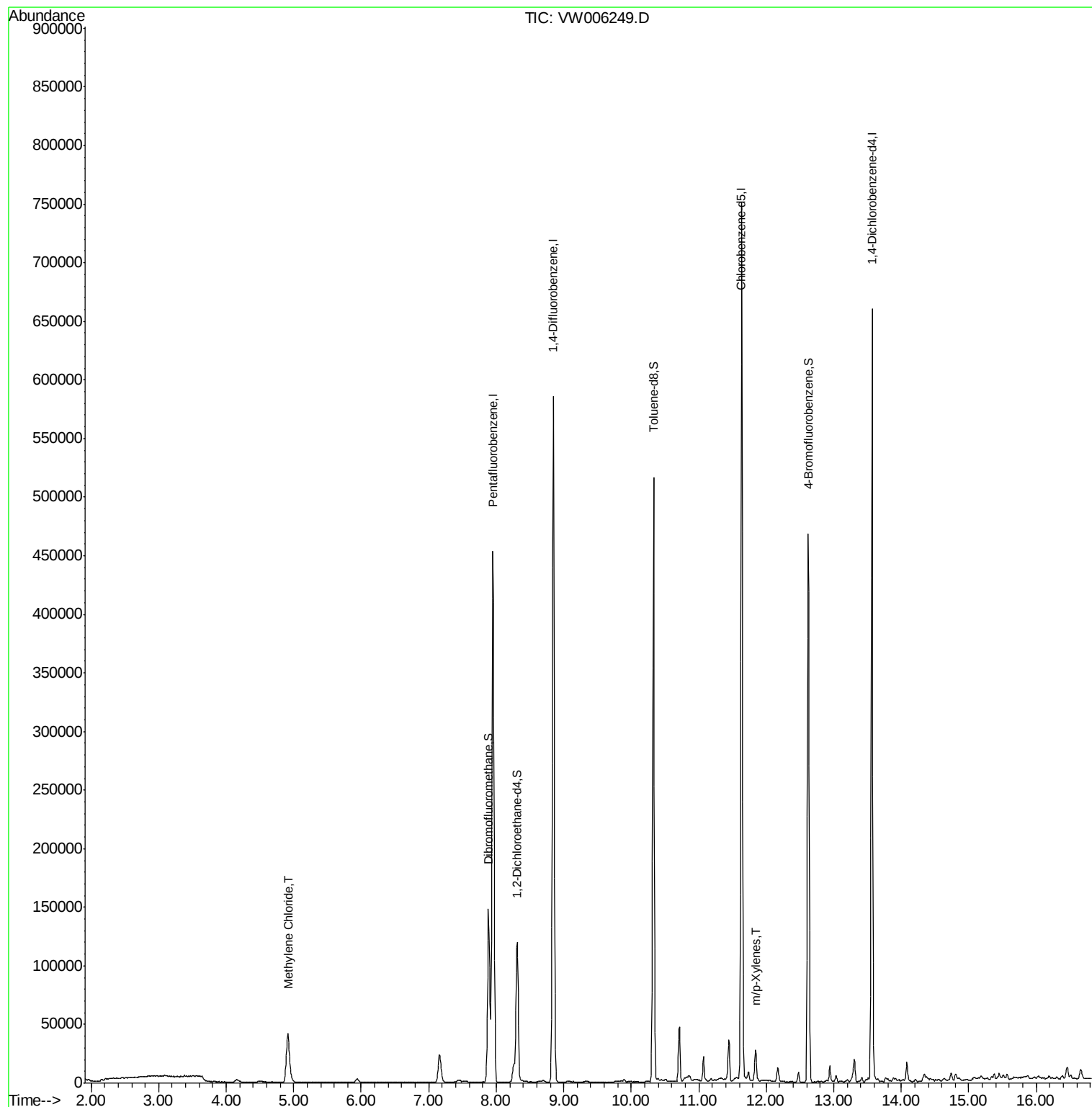
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	366639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	523805	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	436181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	184255	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	95924	31.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.12%	
35) Dibromofluoromethane	7.88	113	103643	33.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.98%	
50) Toluene-d8	10.33	98	354400	30.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.20%	
62) 4-Bromofluorobenzene	12.62	95	124257	28.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	56.20%	
Target Compounds						
20) Methylene Chloride	4.92	84	35798	9.822	ug/l	96
68) m/p-Xylenes	11.84	106	7926	1.239	ug/l	96

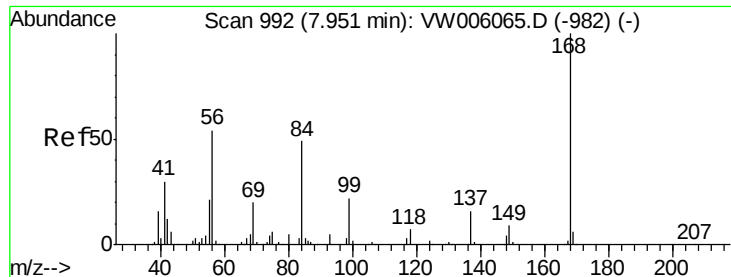
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006249.D

Acq: 22 Oct 2018 14:18

Instrument :

MSVOA_W

ClientSampleId :

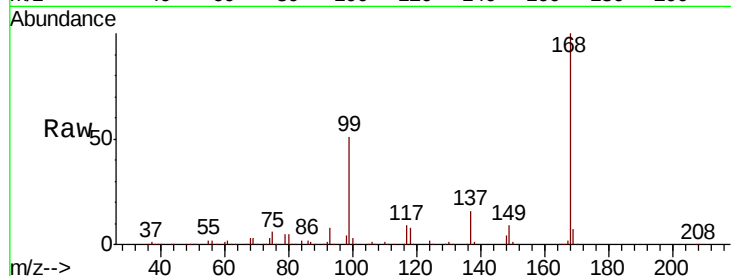
SB-1(7-9)

Tot Ion:168 Resp: 366639

Ion Ratio Lower Upper

168 100

99 50.6 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

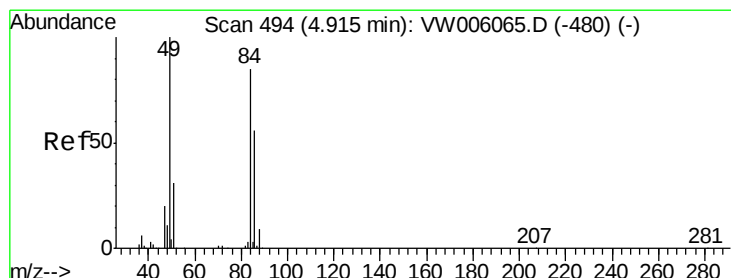
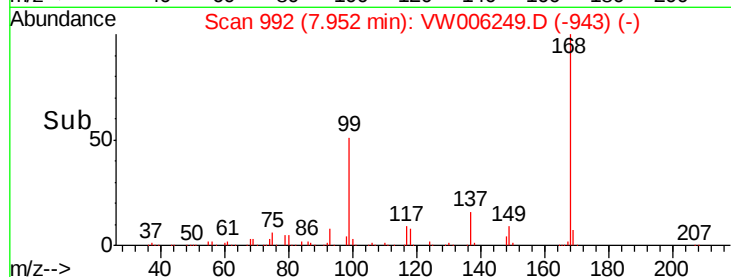
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 9.822 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006249.D

Acq: 22 Oct 2018 14:18

Tgt Ion: 84 Resp: 35798

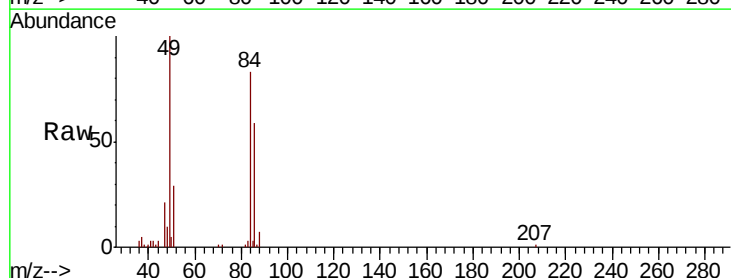
Ion Ratio Lower Upper

84 100

49 120.4 93.6 140.4

51 35.3 29.0 43.4

86 70.6 52.6 79.0



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

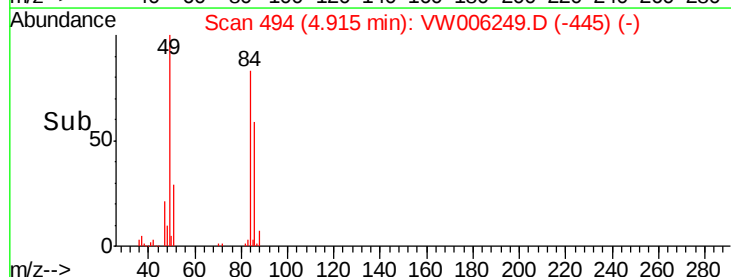
15000

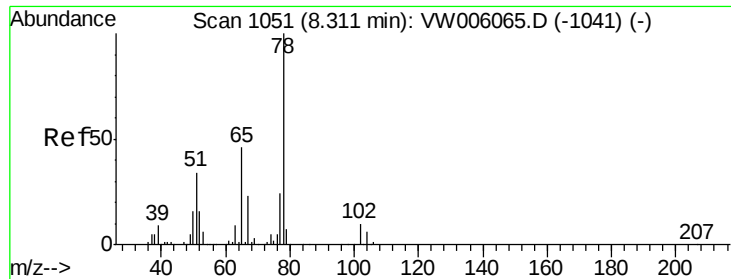
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5000

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Time-->

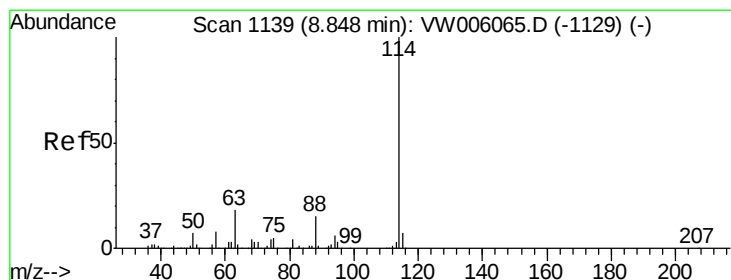
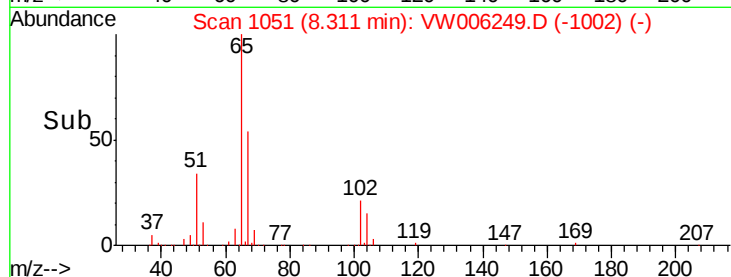
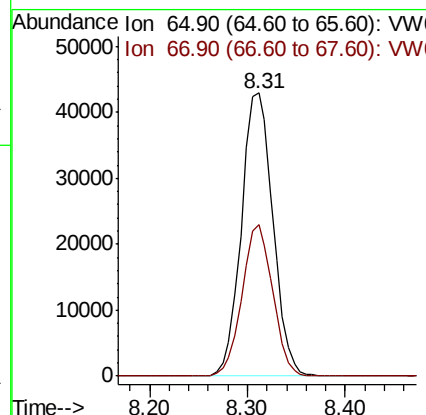
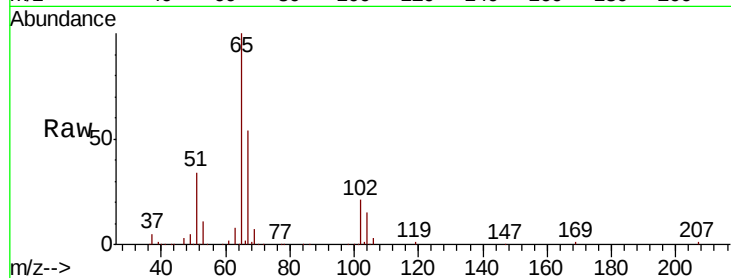




#33
 1,2-Dichloroethane-d4
 Concen: 31.558 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006249.D
 Acq: 22 Oct 2018 14:18

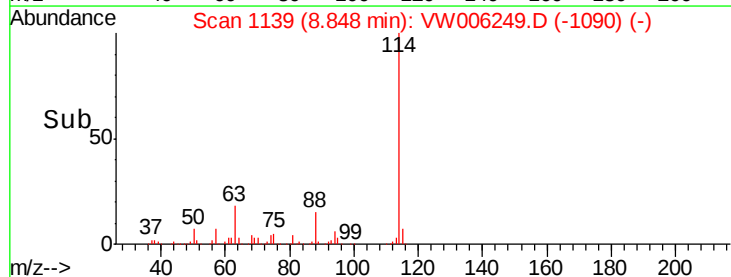
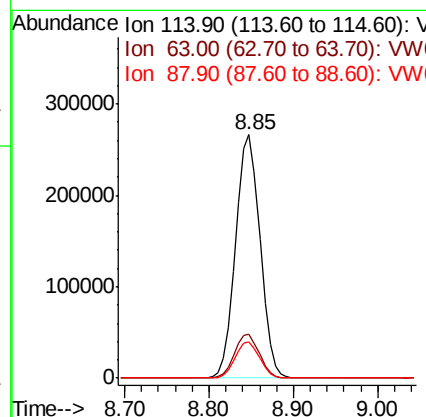
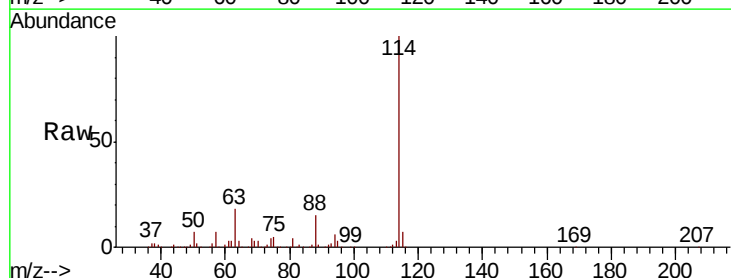
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1(7-9)

Tot Ion: 65 Resp: 95924
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006249.D
 Acq: 22 Oct 2018 14:18

Tgt Ion: 114 Resp: 523805
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 36.8
 88 14.7 0.0 29.0

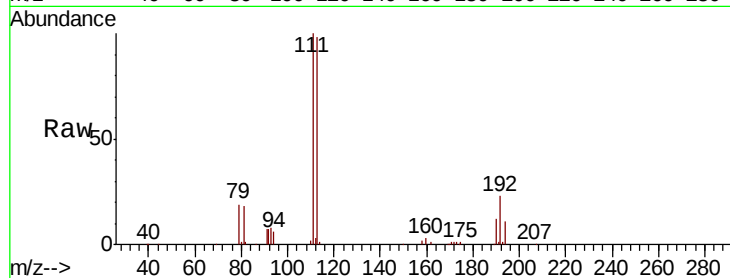




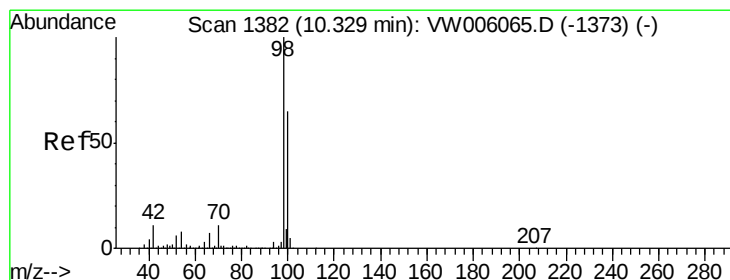
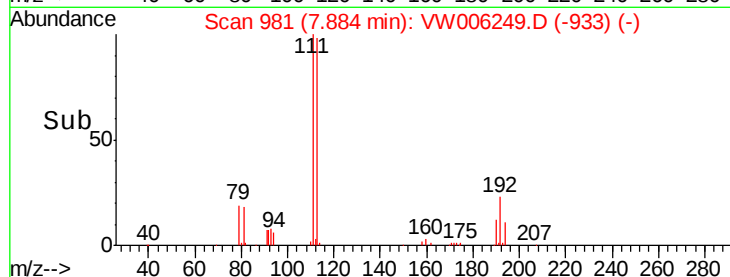
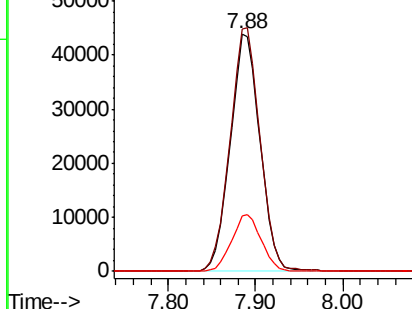
#35
Dibromofluoromethane
Concen: 33.486 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW006249.D
Acq: 22 Oct 2018 14:18

Instrument :
MSVOA_W
ClientSampleId :
SB-1(7-9)

Tot Ion:113 Resp: 103643
Ion Ratio Lower Upper
113 100
111 103.4 81.4 122.0
192 23.6 18.7 28.1

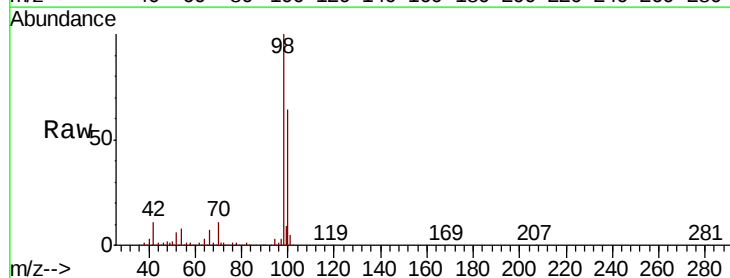


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

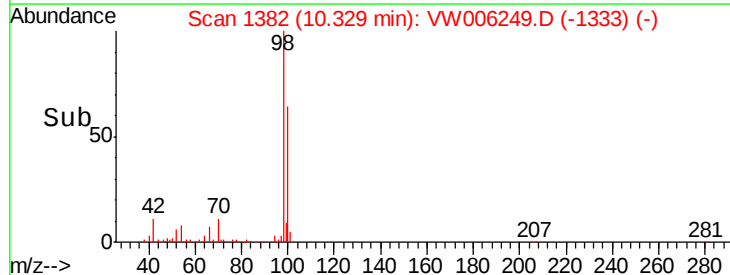
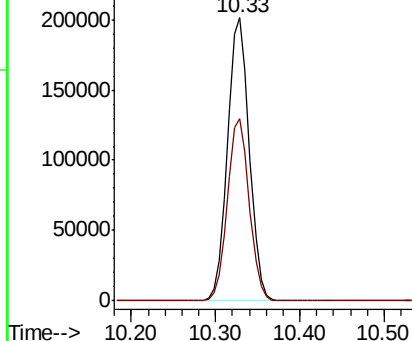


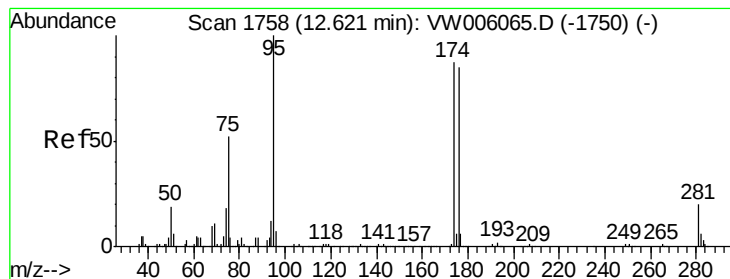
#50
Toluene-d8
Concen: 30.096 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006249.D
Acq: 22 Oct 2018 14:18

Tgt Ion: 98 Resp: 354400
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 28.095 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006249.D

Acq: 22 Oct 2018 14:18

Instrument :

MSVOA_W

ClientSampled :

SB-1(7-9)

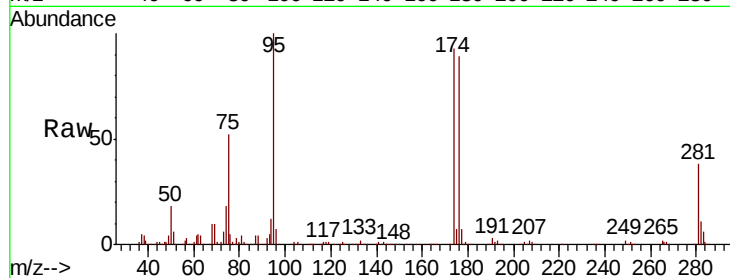
Tot Ion: 95 Resp: 124257

Ion Ratio Lower Upper

95 100

174 95.8 0.0 186.0

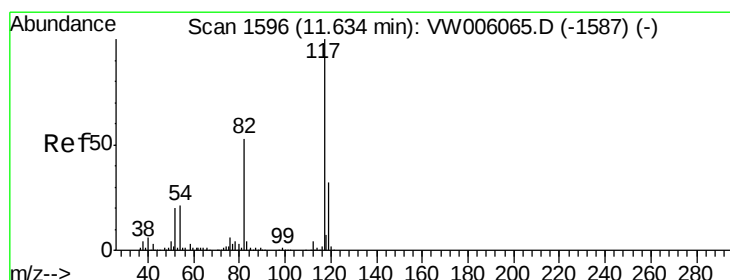
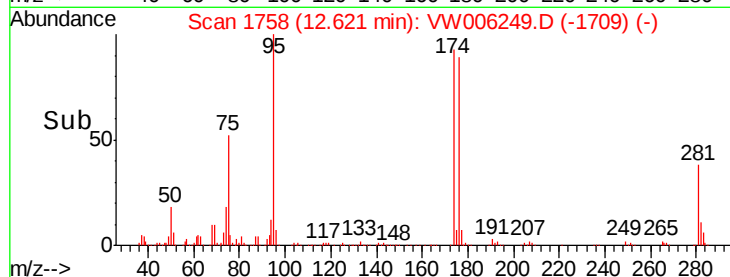
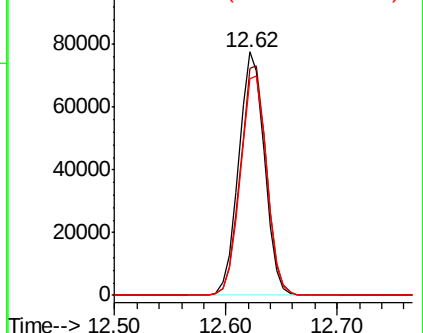
176 92.8 0.0 181.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006249.D

Acq: 22 Oct 2018 14:18

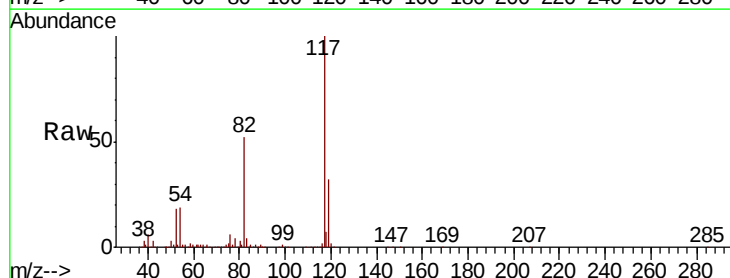
Tgt Ion: 117 Resp: 436181

Ion Ratio Lower Upper

117 100

82 52.4 42.1 63.1

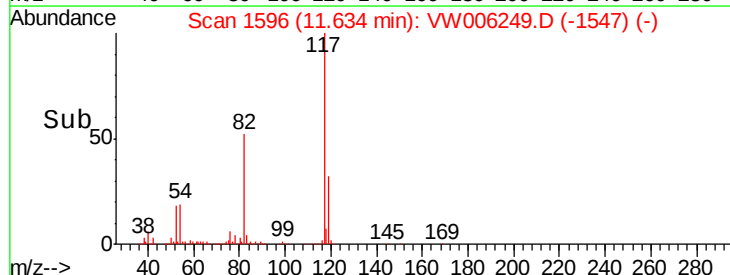
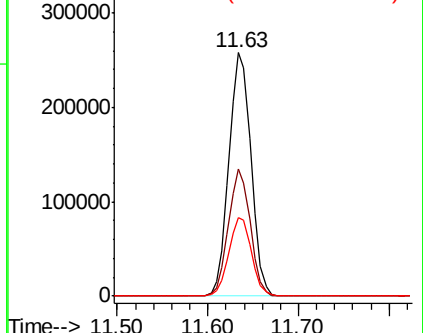
119 32.0 25.8 38.6

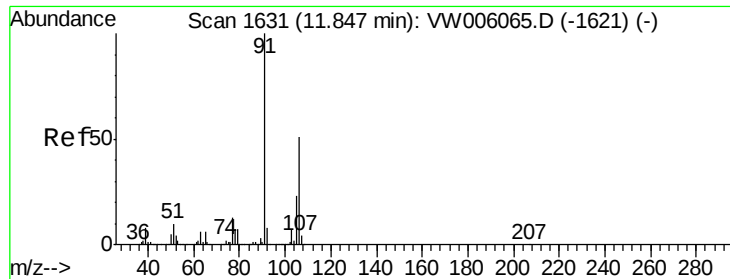


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

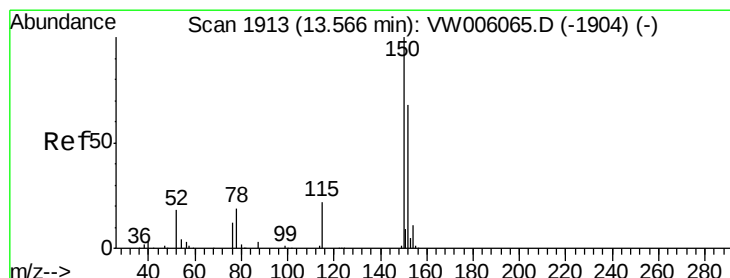
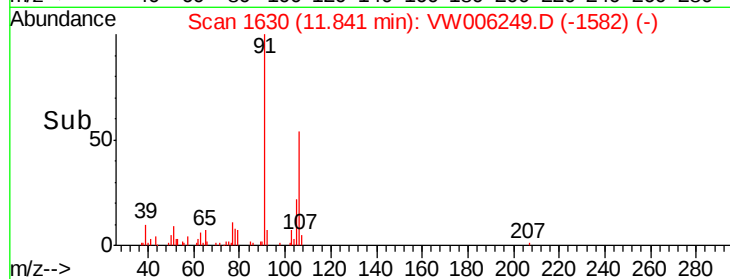
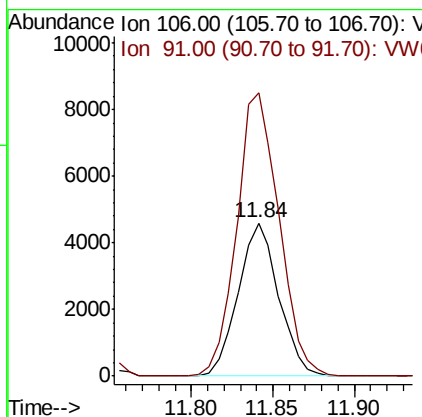
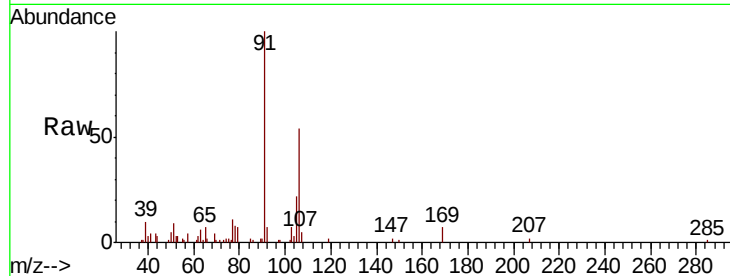




#68
m/p-Xvlenes
Concen: 1.239 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006249.D
Acq: 22 Oct 2018 14:18

Instrument :
MSVOA_W
ClientSampleId :
SB-1(7-9)

Tot Ion:106 Resp: 7926
Ion Ratio Lower Upper
106 100
91 193.1 159.1 238.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006249.D
Acq: 22 Oct 2018 14:18

Tgt Ion:152 Resp: 184255
Ion Ratio Lower Upper
152 100
115 54.9 27.8 83.3
150 155.5 0.0 349.2

