

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101718\
 Data File : VW006157.D
 Acq On : 18 Oct 2018 06:40
 Operator : VA/AP
 Sample : J5565-01
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RLF-SD-1

Quant Time: Oct 18 14:26:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

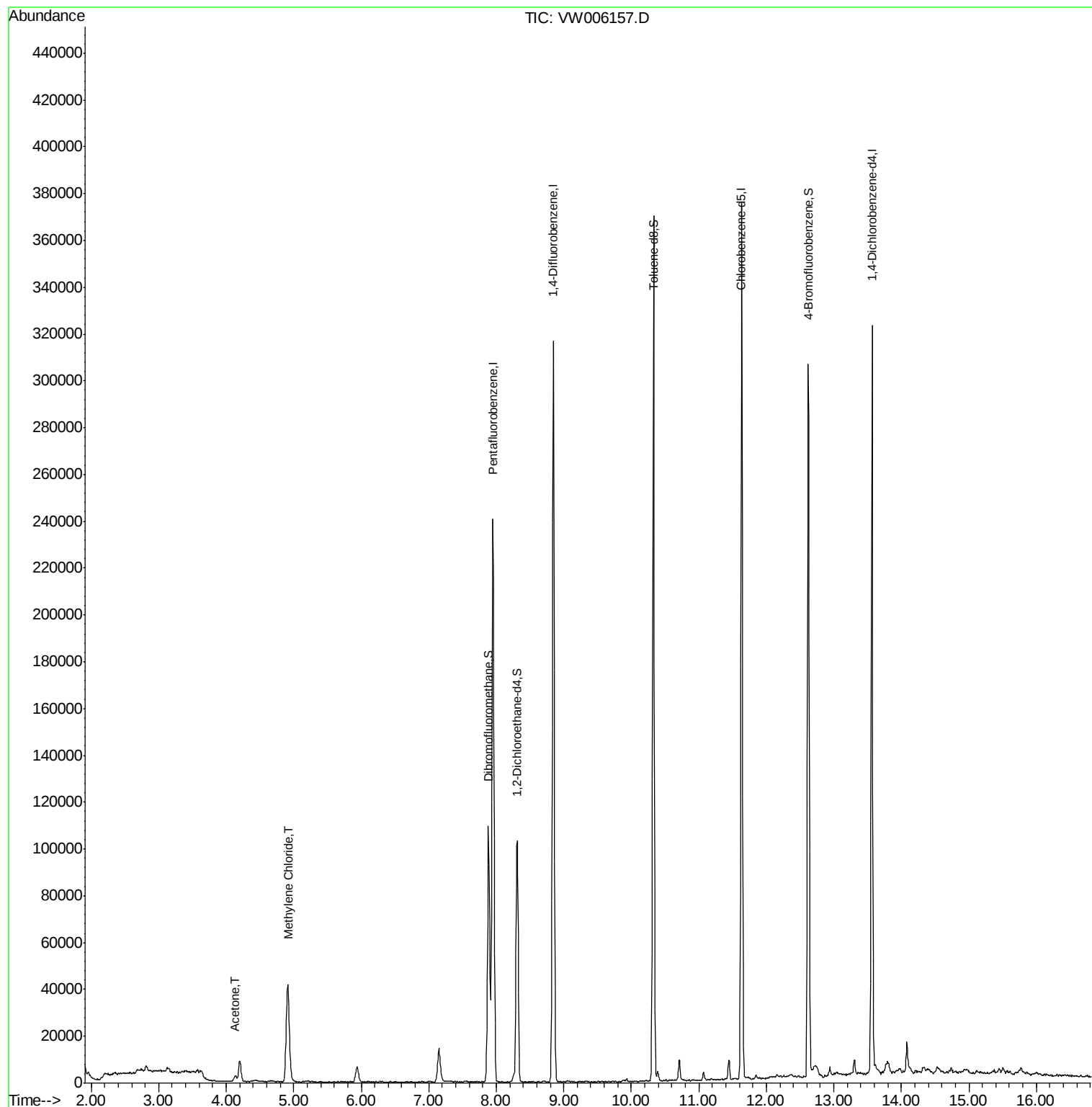
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	194230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	283383	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	213866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	89007	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	82758	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
35) Dibromofluoromethane	7.89	113	75806	45.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.54%	
50) Toluene-d8	10.33	98	248552	39.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.04%	
62) 4-Bromofluorobenzene	12.62	95	86929	36.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.66%	
Target Compounds						
16) Acetone	4.13	43	4929	1.607	ug/l	92
20) Methylene Chloride	4.91	84	34615	19.317	ug/l	98

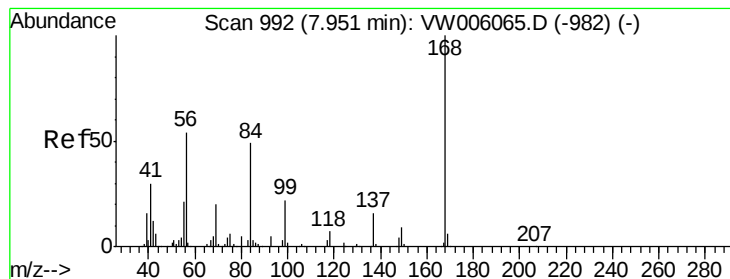
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006157.D

Acq: 18 Oct 2018 06:40

Instrument :

MSVOA_W

ClientSampleId :

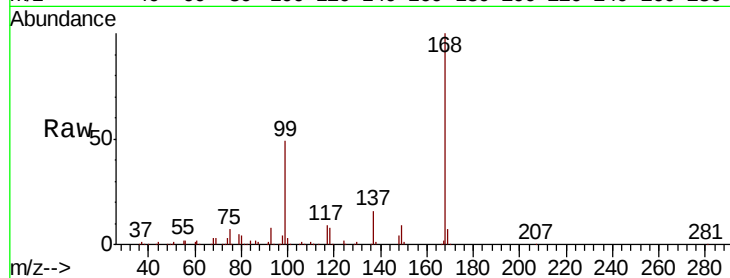
RLF-SD-1

Tot Ion:168 Resp: 194230

Ion Ratio Lower Upper

168 100

99 49.0 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

100000

80000

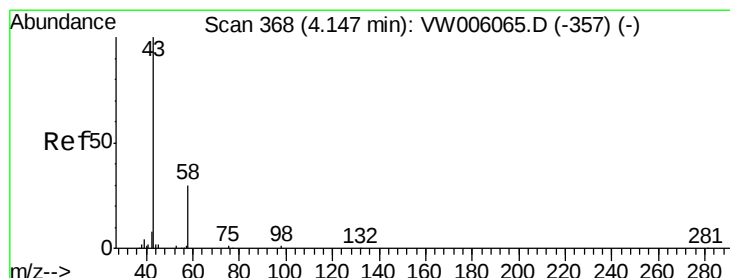
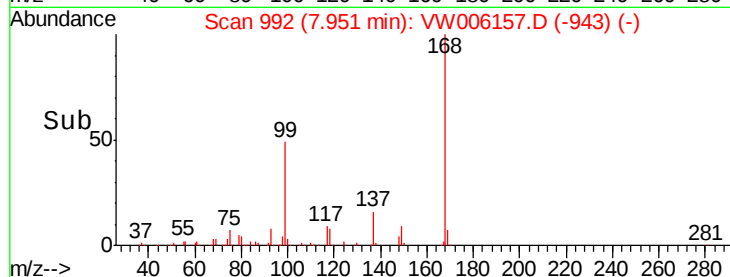
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 1.607 ug/l

RT: 4.13 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006157.D

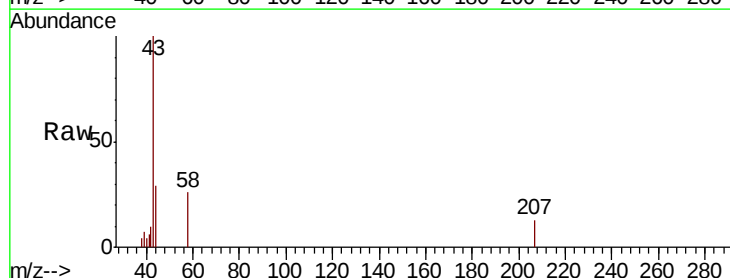
Acq: 18 Oct 2018 06:40

Tgt Ion: 43 Resp: 4929

Ion Ratio Lower Upper

43 100

58 25.9 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

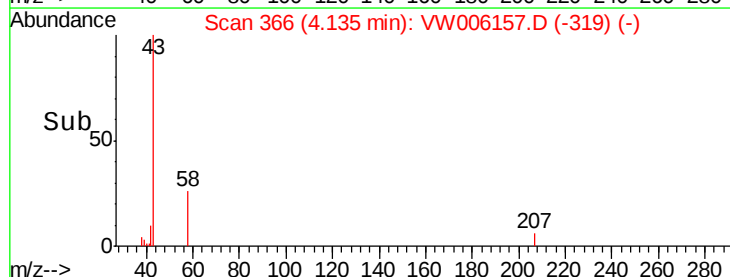
1500

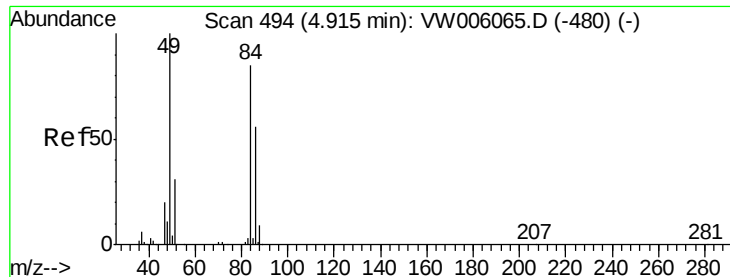
1000

500

0

Time--> 4.00 4.10 4.20

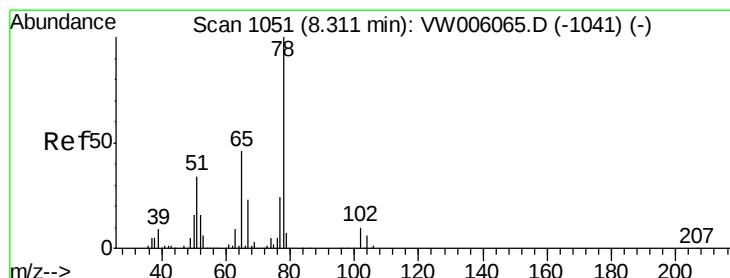
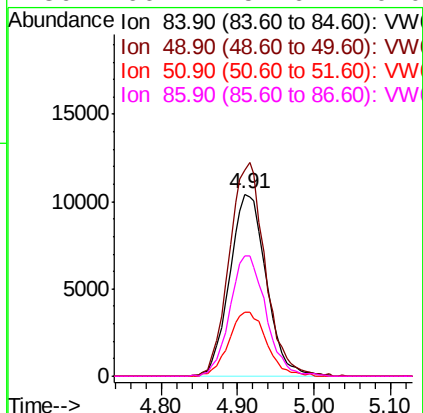
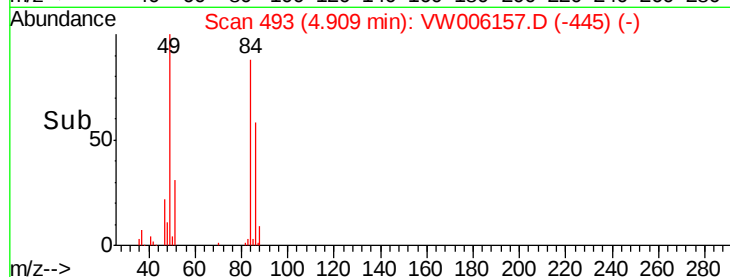
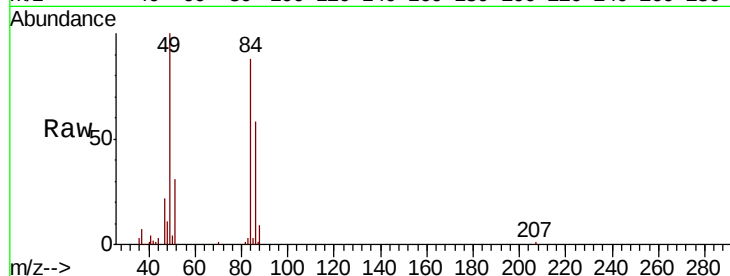




#20
Methylene Chloride
Concen: 19.317 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006157.D
Acq: 18 Oct 2018 06:40

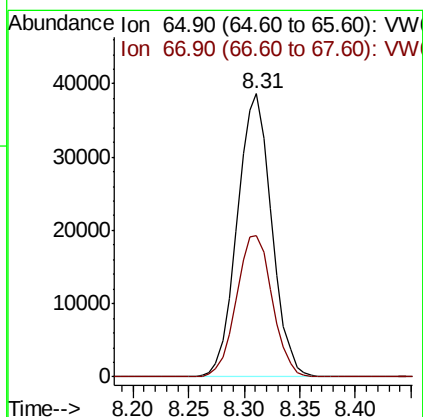
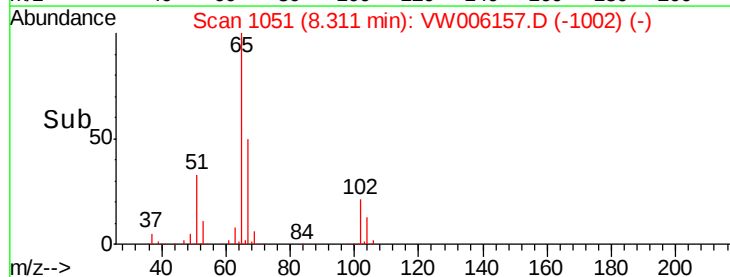
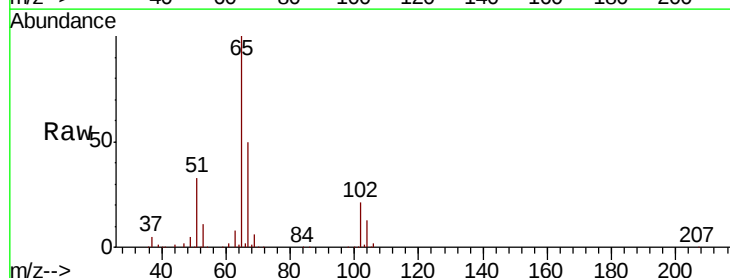
Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-1

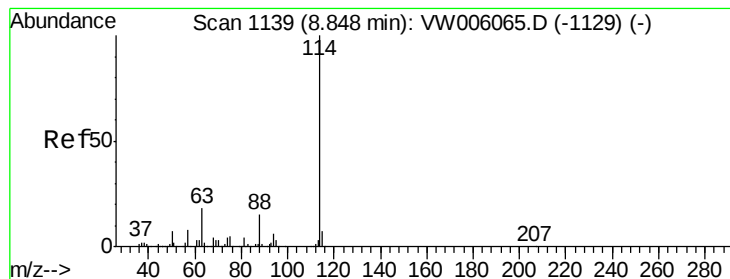
Tot Ion: 84 Resp: 34615
Ion Ratio Lower Upper
84 100
49 113.2 93.6 140.4
51 35.4 29.0 43.4
86 66.2 52.6 79.0



#33
1,2-Dichloroethane-d4
Concen: 51.394 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW006157.D
Acq: 18 Oct 2018 06:40

Tgt Ion: 65 Resp: 82758
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: VW006157.D

Acq: 18 Oct 2018 06:40

Instrument :

MSVOA_W

ClientSampleId :

RLF-SD-1

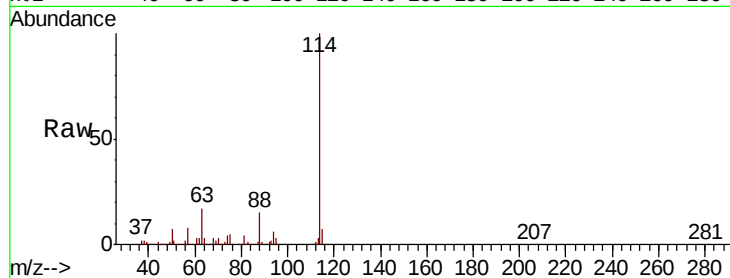
Tot Ion:114 Resp: 283383

Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.8

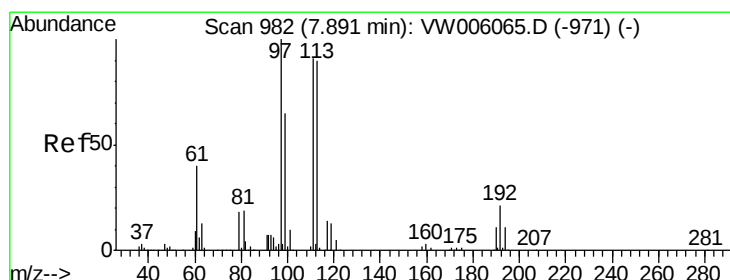
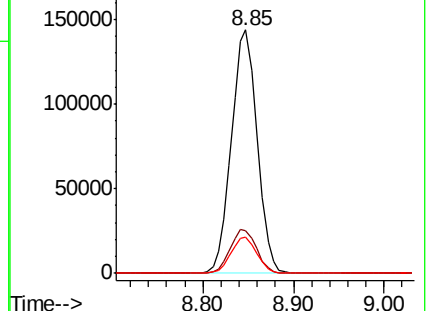
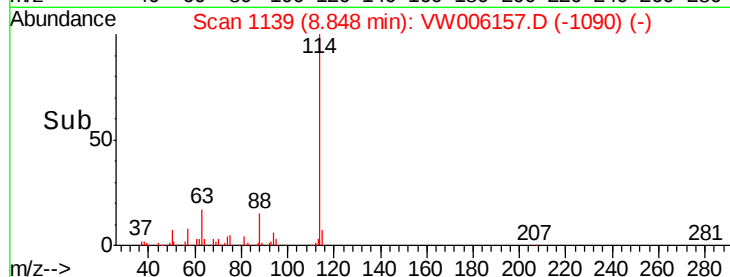
88 14.7 0.0 29.0



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



#35

Dibromofluoromethane

Concen: 45.271 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW006157.D

Acq: 18 Oct 2018 06:40

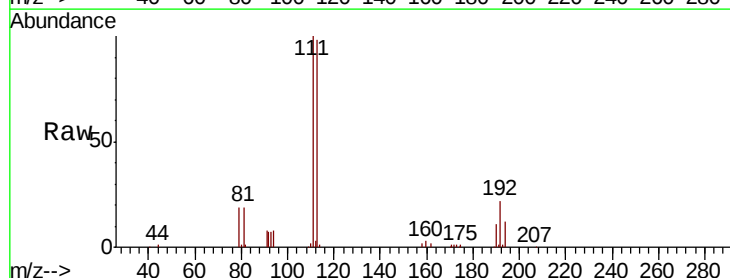
Tgt Ion:113 Resp: 75806

Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

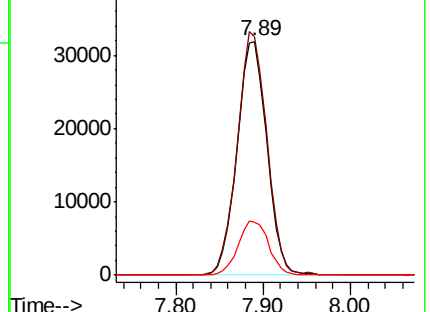
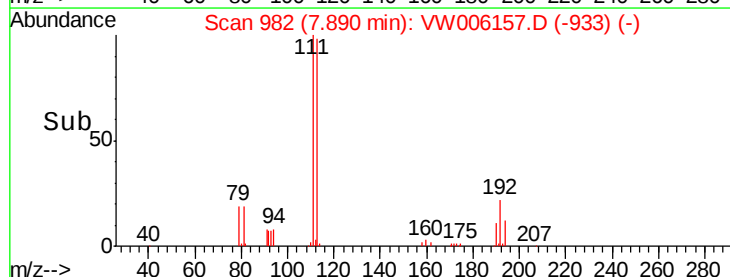
192 23.6 18.7 28.1

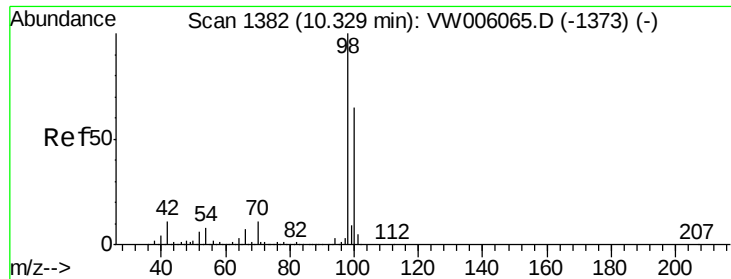


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 39.015 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006157.D

Acq: 18 Oct 2018 06:40

Instrument :

MSVOA_W

ClientSampleId :

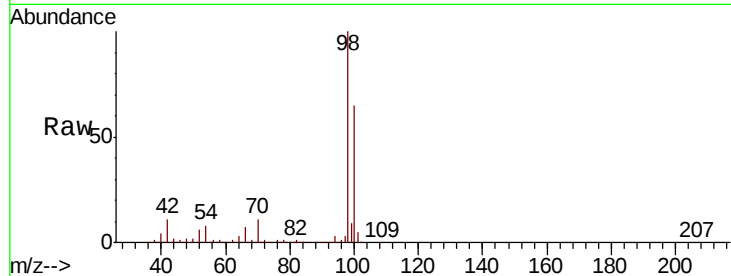
RLF-SD-1

Tot Ion: 98 Resp: 248552

Ion Ratio Lower Upper

98 100

100 63.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.33

150000

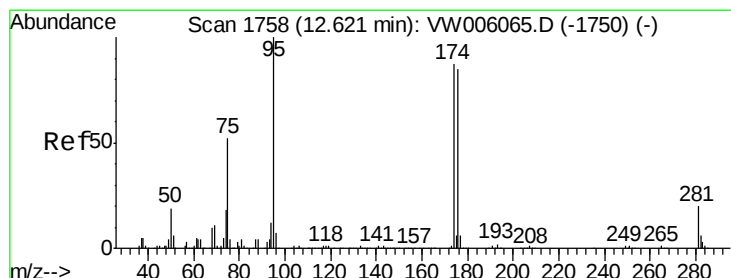
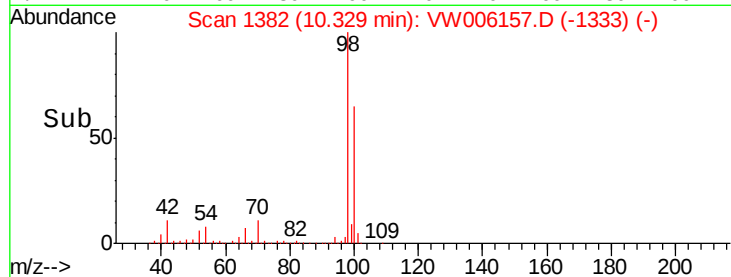
100000

50000

0

10.30 10.40

Time-->



#62

4-Bromofluorobenzene

Concen: 36.330 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006157.D

Acq: 18 Oct 2018 06:40

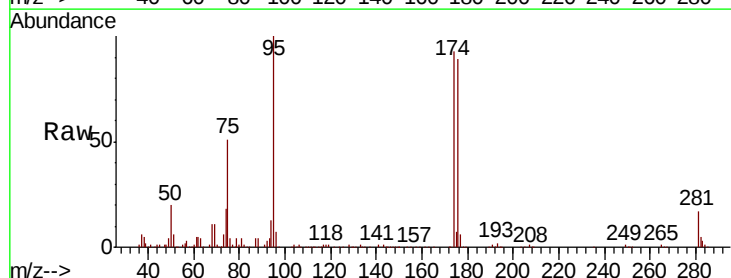
Tgt Ion: 95 Resp: 86929

Ion Ratio Lower Upper

95 100

174 95.1 0.0 186.0

176 92.2 0.0 181.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

60000

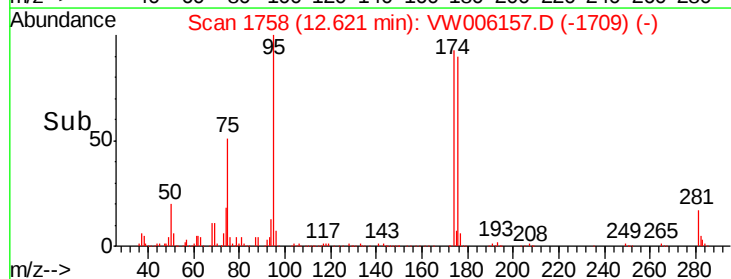
40000

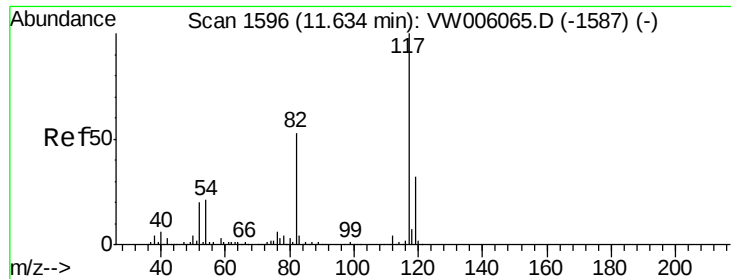
20000

0

12.60 12.70

Time-->

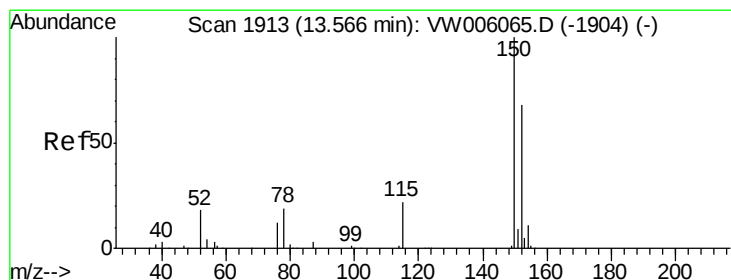
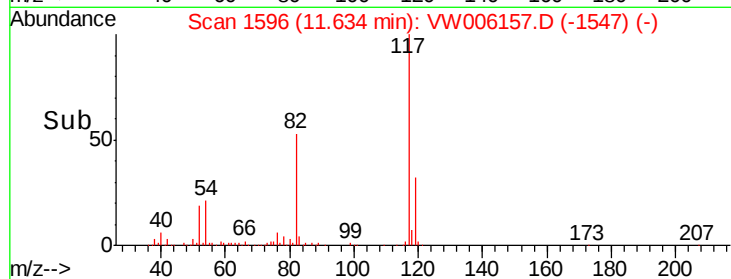
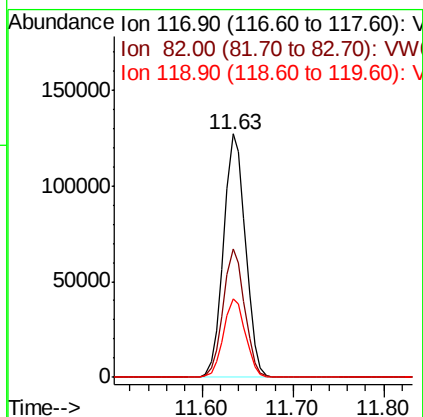
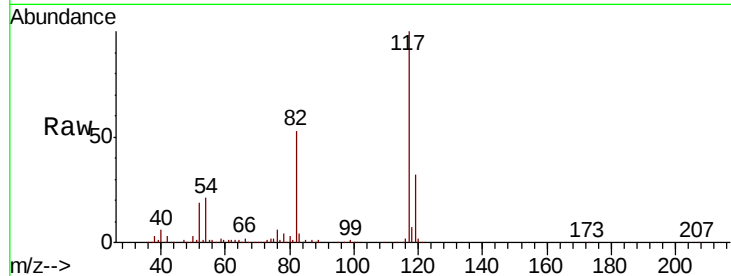




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006157.D
Acq: 18 Oct 2018 06:40

Instrument :
MSVOA_W
ClientSampleId :
RLF-SD-1

Tot Ion:117 Resp: 213866
Ion Ratio Lower Upper
117 100
82 52.7 42.1 63.1
119 32.1 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: VW006157.D
Acq: 18 Oct 2018 06:40

Tgt Ion:152 Resp: 89007
Ion Ratio Lower Upper
152 100
115 54.5 27.8 83.3
150 155.9 0.0 349.2

