

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011419\
 Data File : VW008260.D
 Acq On : 14 Jan 2019 21:05
 Operator : SY/VA
 Sample : K1139-05RE
 Misc : 6.34G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-3RE

Quant Time: Jan 14 22:34:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

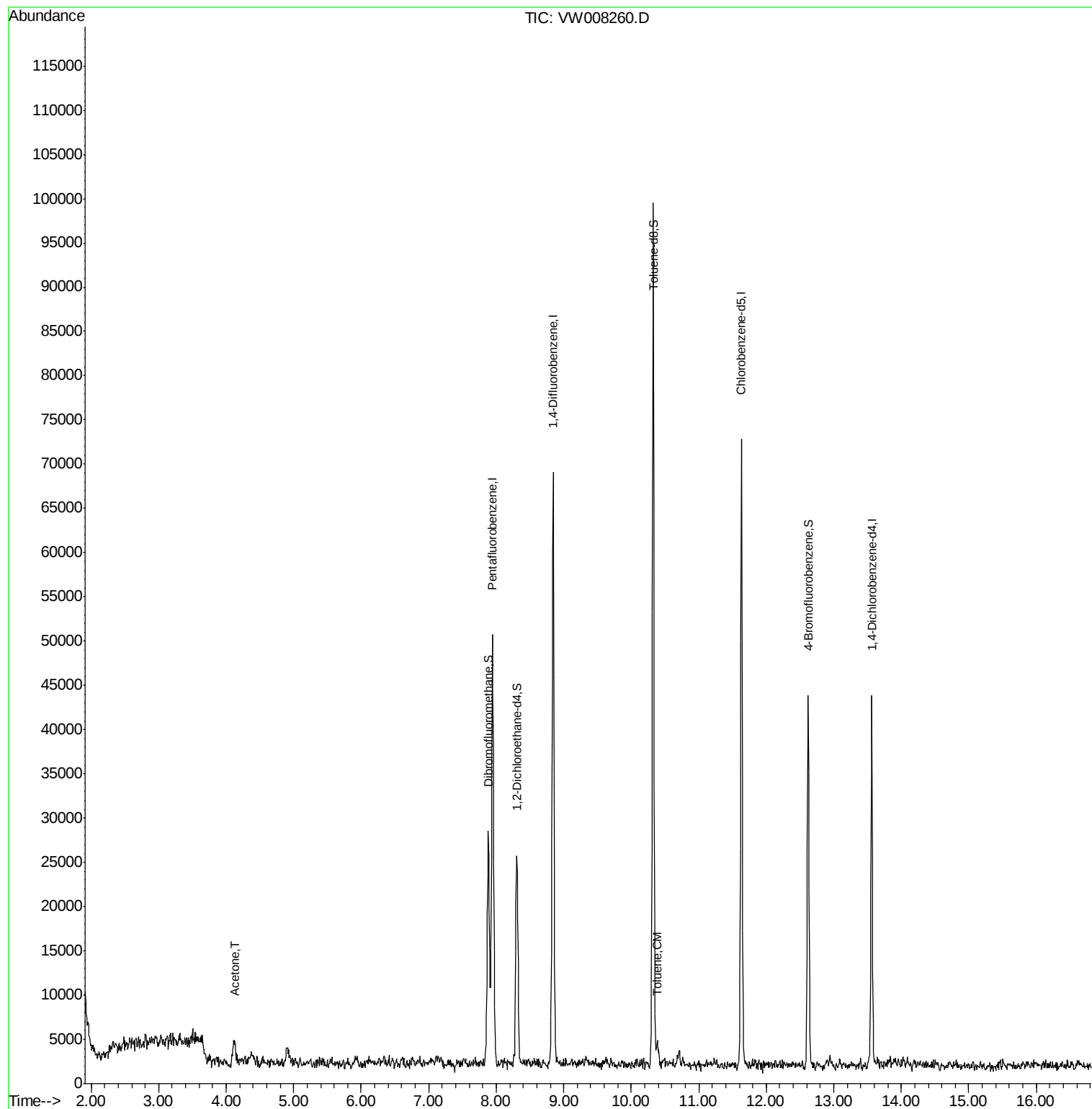
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	32465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	52616	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	39571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	10481	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	18926	51.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.74%	
35) Dibromofluoromethane	7.88	113	18329	59.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.46%	
50) Toluene-d8	10.32	98	63559	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
62) 4-Bromofluorobenzene	12.62	95	13318	28.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.70%	
Target Compounds						
16) Acetone	4.12	43	4669	54.663	ug/l	94
52) Toluene	10.38	92	1028	1.095	ug/l	81

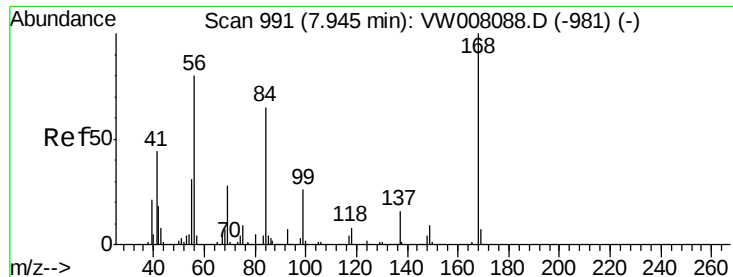
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008260.D

Acq: 14 Jan 2019 21:05

Instrument :

MSVOA_W

ClientSampleId :

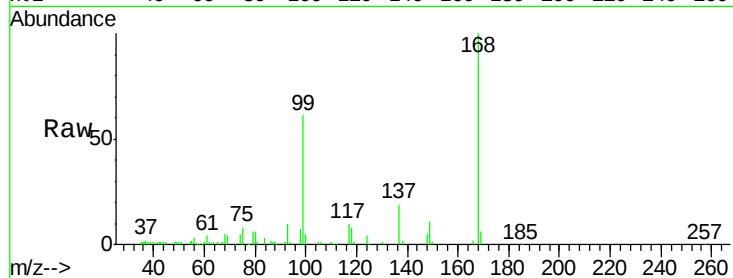
S-3RE

Tot Ion:168 Resp: 32465

Ion Ratio Lower Upper

168 100

99 60.2 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

15000

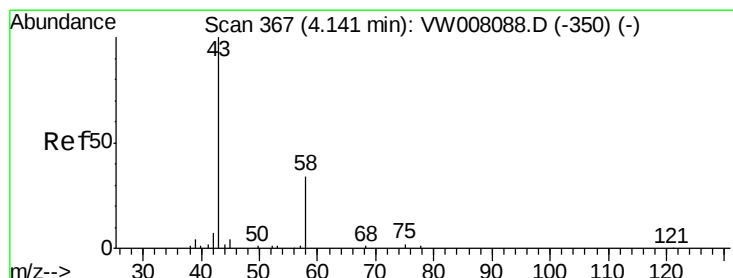
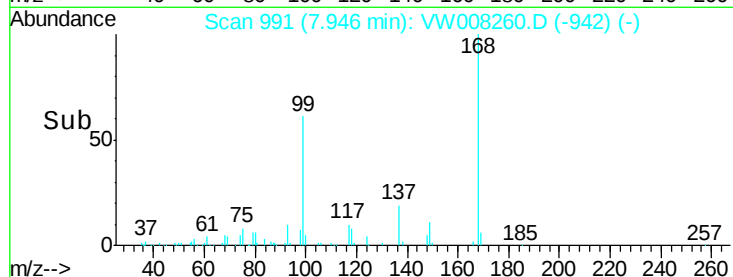
10000

5000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 54.663 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW008260.D

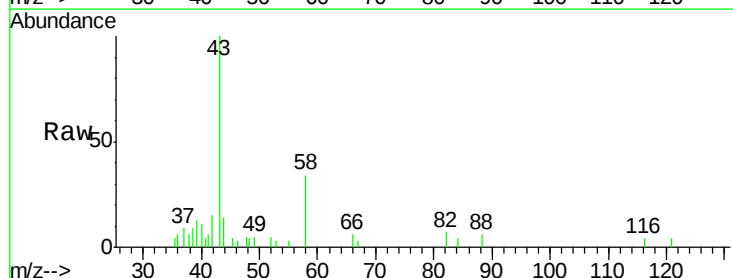
Acq: 14 Jan 2019 21:05

Tgt Ion: 43 Resp: 4669

Ion Ratio Lower Upper

43 100

58 31.2 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

1500

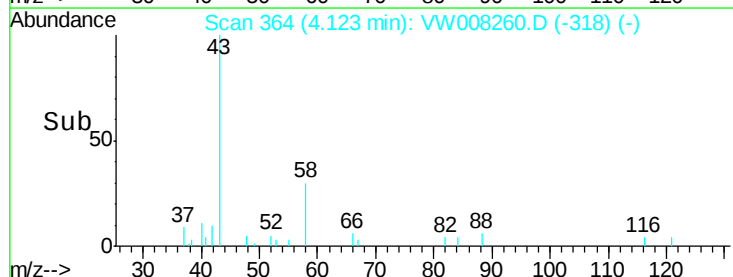
1000

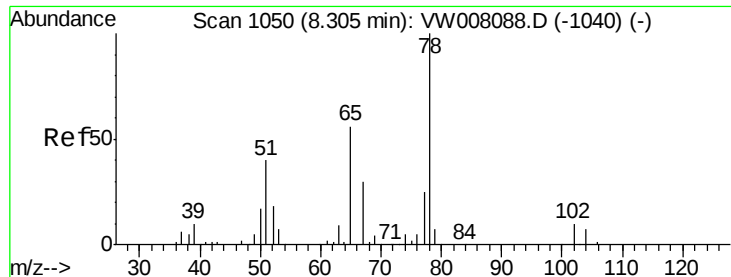
500

0

4.05 4.10 4.15 4.20

Time-->

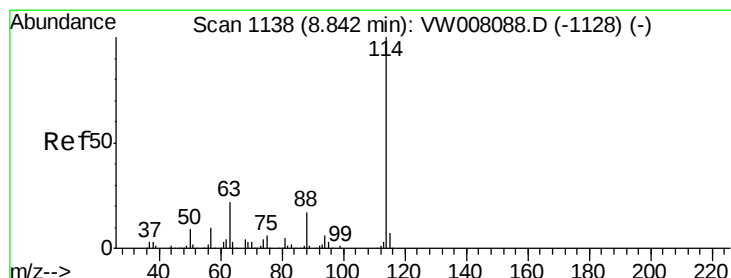
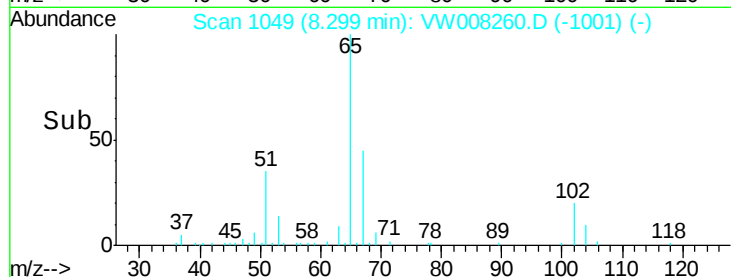
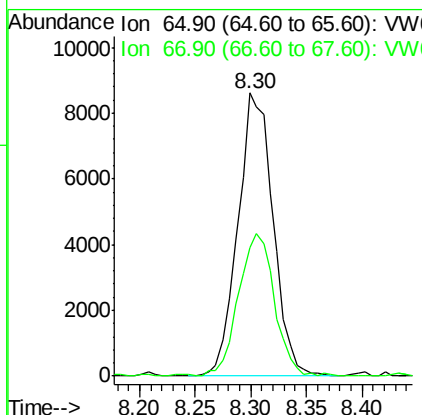
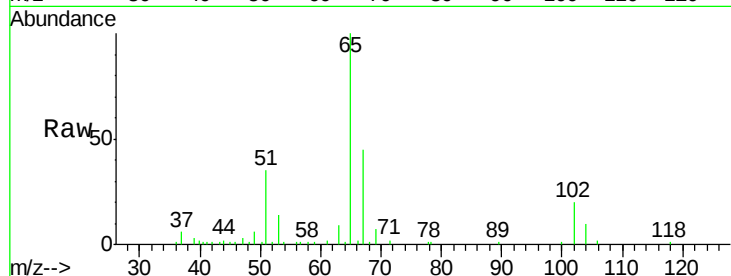




#33
 1,2-Dichloroethane-d4
 Concen: 51.869 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW008260.D
 Acq: 14 Jan 2019 21:05

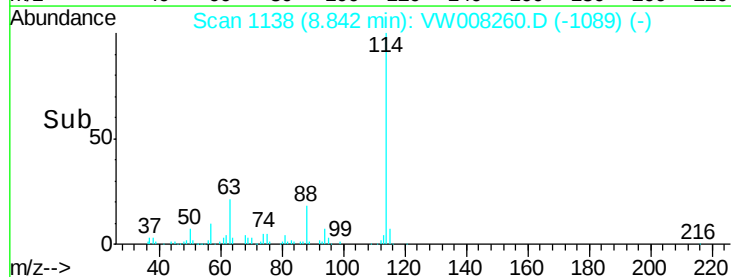
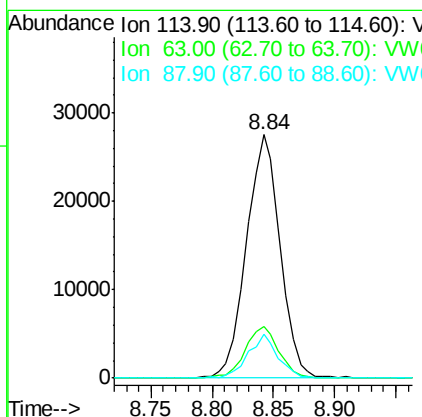
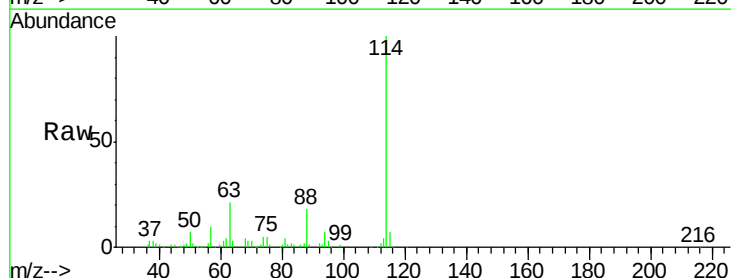
Instrument :
 MSVOA_W
 ClientSampleId :
 S-3RE

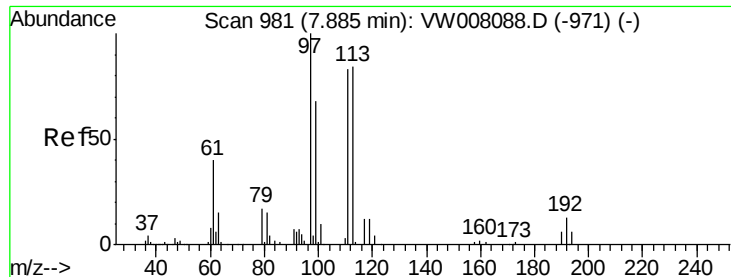
Tot Ion: 65 Resp: 18926
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008260.D
 Acq: 14 Jan 2019 21:05

Tgt Ion: 114 Resp: 52616
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 43.4
 88 18.1 0.0 33.4

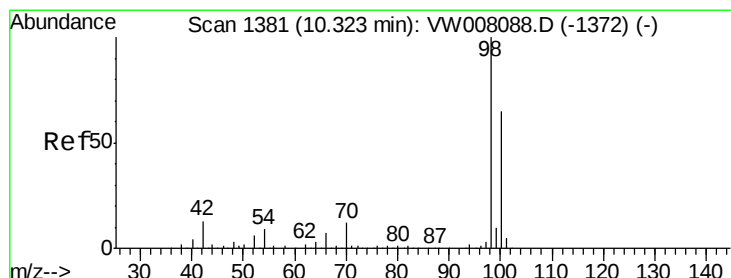
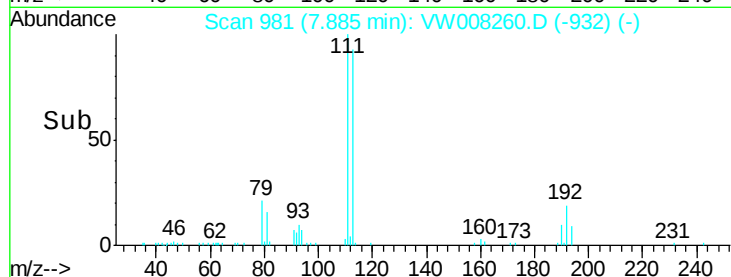
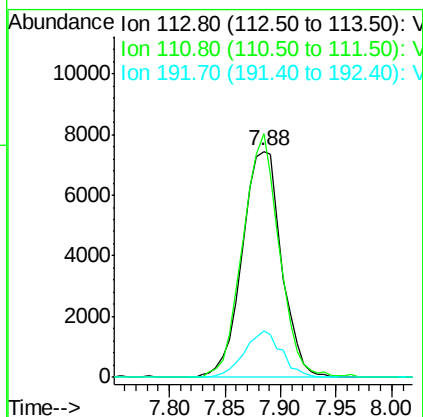
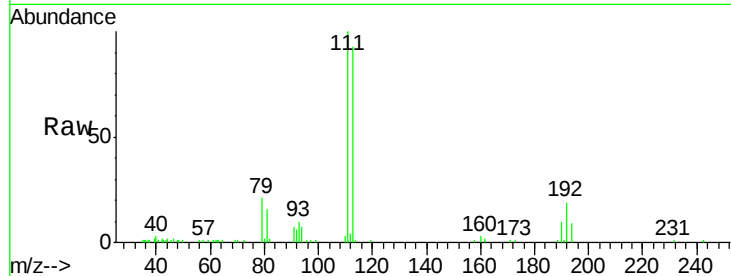




#35
 Dibromofluoromethane
 Concen: 59.728 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008260.D
 Acq: 14 Jan 2019 21:05

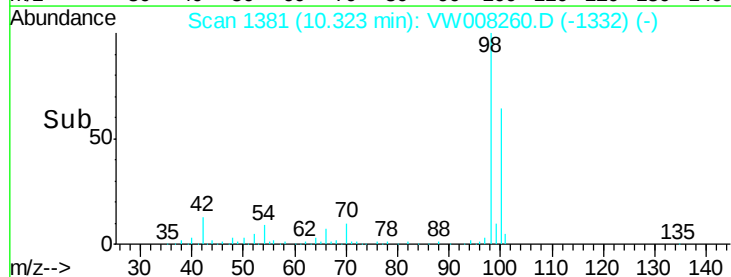
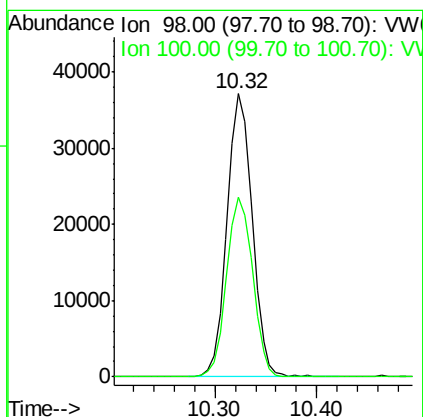
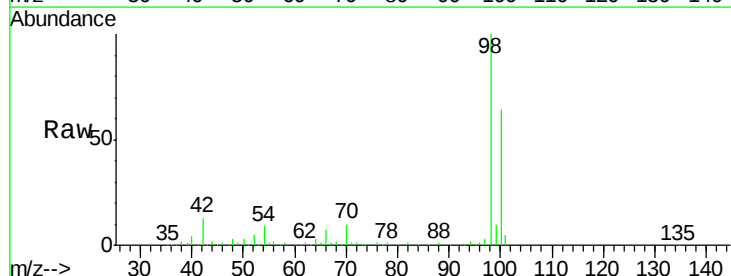
Instrument :
 MSVOA_W
 ClientSampleId :
 S-3RE

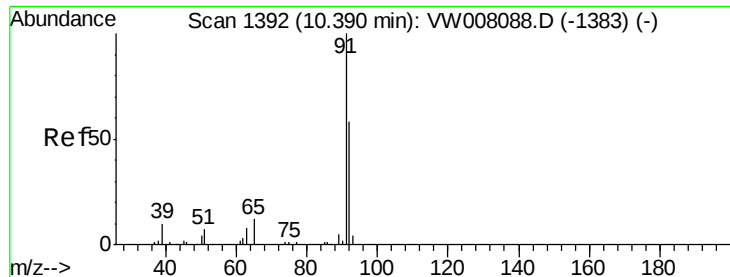
Tot Ion:113 Resp: 18329
 Ion Ratio Lower Upper
 113 100
 111 100.1 81.8 122.8
 192 19.3 12.8 19.2#



#50
 Toluene-d8
 Concen: 49.356 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW008260.D
 Acq: 14 Jan 2019 21:05

Tgt Ion: 98 Resp: 63559
 Ion Ratio Lower Upper
 98 100
 100 65.8 51.7 77.5





#52

Toluene

Concen: 1.095 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008260.D

Acq: 14 Jan 2019 21:05

Instrument :

MSVOA_W

ClientSampled :

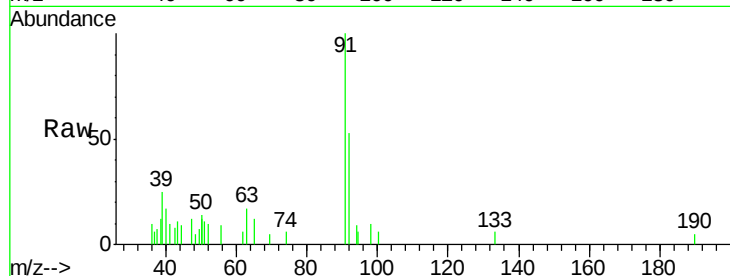
S-3RE

Tot Ion: 92 Resp: 1028

Ion Ratio Lower Upper

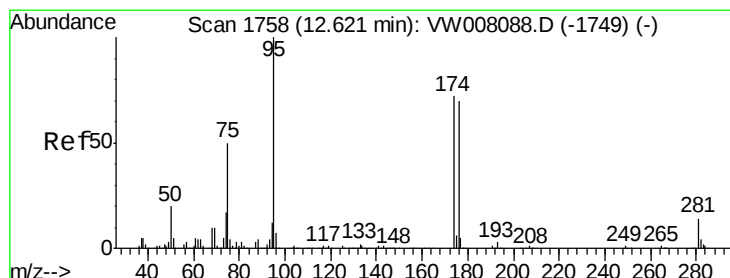
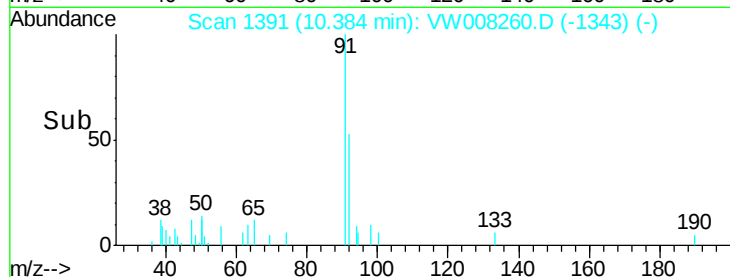
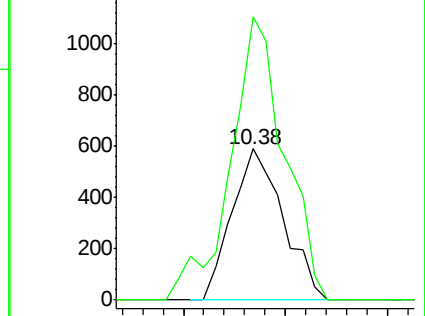
92 100

91 197.2 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#62

4-Bromofluorobenzene

Concen: 28.848 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008260.D

Acq: 14 Jan 2019 21:05

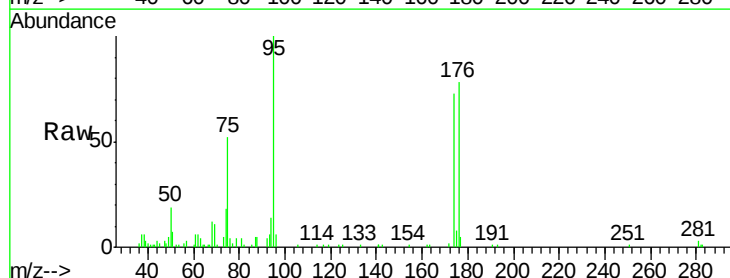
Tgt Ion: 95 Resp: 13318

Ion Ratio Lower Upper

95 100

174 74.7 0.0 143.0

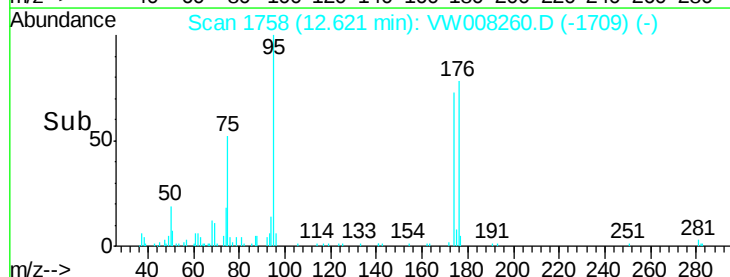
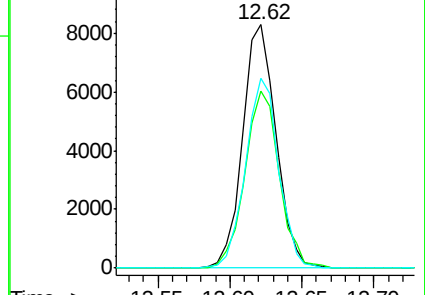
176 77.1 0.0 140.2

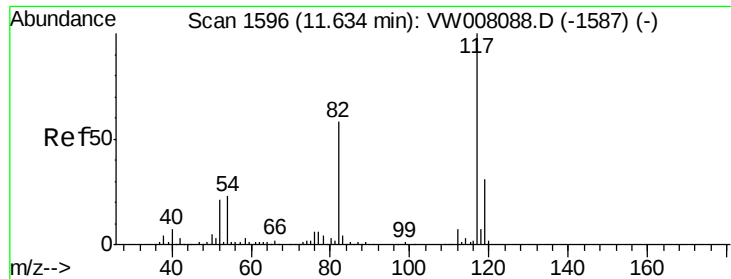


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

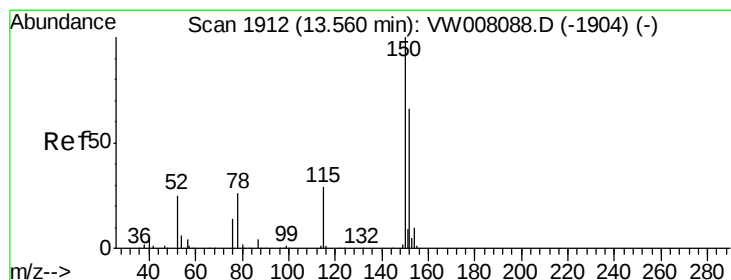
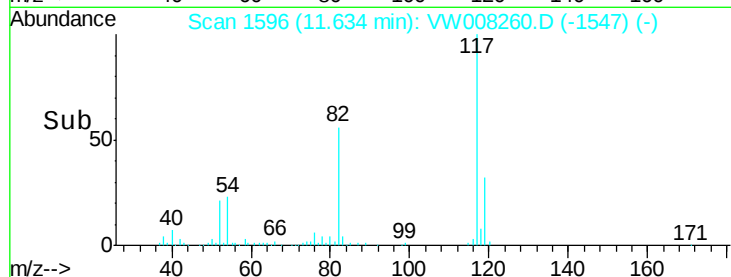
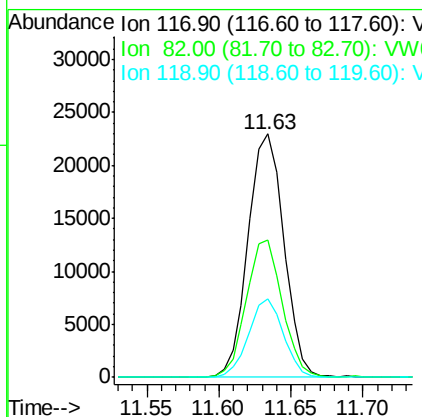
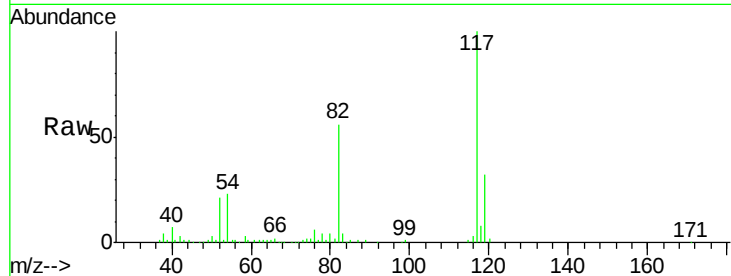




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008260.D
Acq: 14 Jan 2019 21:05

Instrument :
MSVOA_W
ClientSampled :
S-3RE

Tot Ion:117 Resp: 39571
Ion Ratio Lower Upper
117 100
82 56.2 46.4 69.6
119 32.0 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008260.D
Acq: 14 Jan 2019 21:05

Tgt Ion:152 Resp: 10481
Ion Ratio Lower Upper
152 100
115 59.4 30.8 92.4
150 154.4 0.0 350.2

