

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022619\
 Data File : VW008827.D
 Acq On : 26 Feb 2019 13:43
 Operator : SY/VA
 Sample : K1610-05
 Misc : 7.10G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WV-C

Quant Time: Feb 27 06:26:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

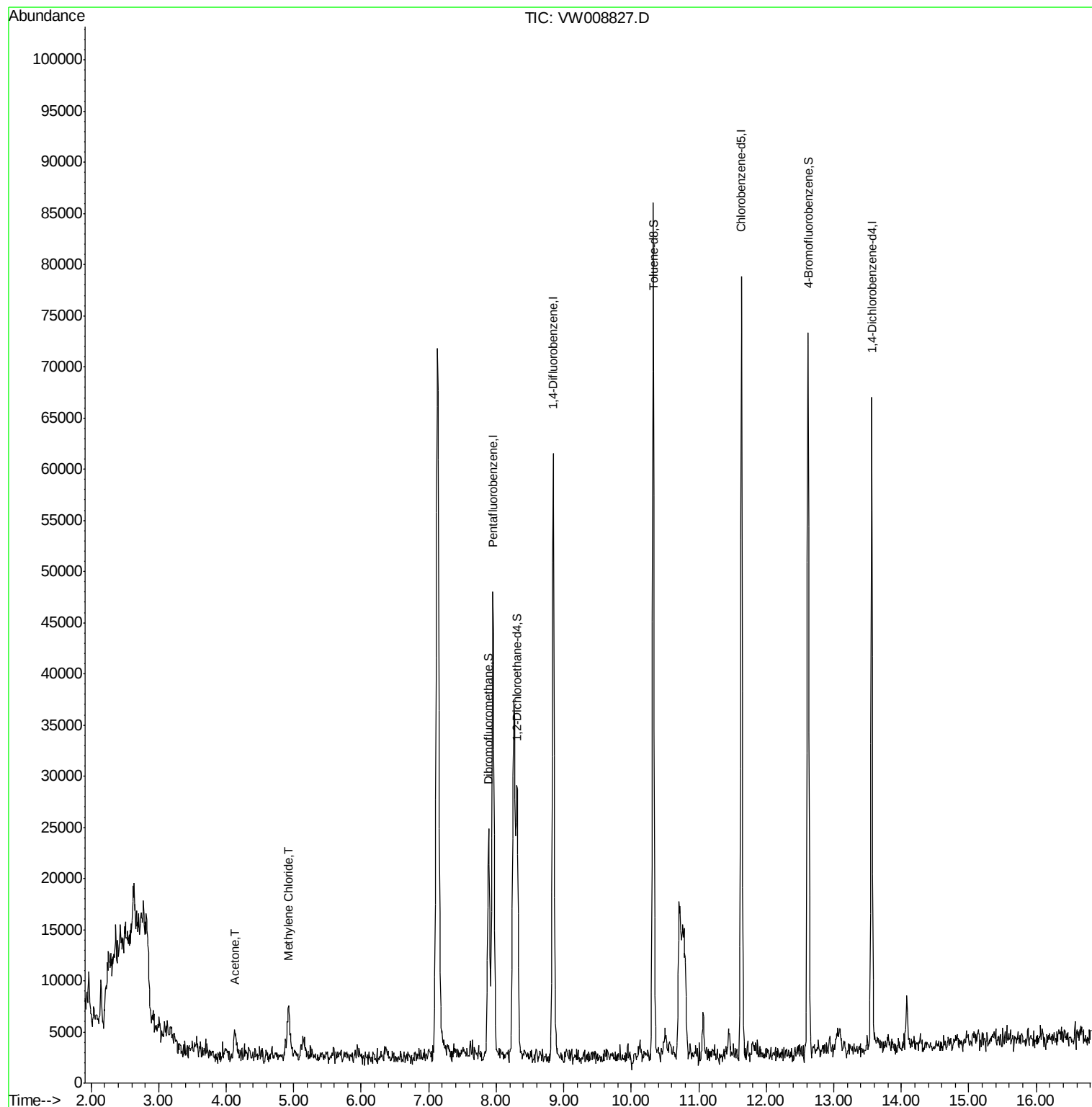
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	33097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	47325	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	38920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	16060	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	18894	60.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.74%	
35) Dibromofluoromethane	7.89	113	15189	53.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.92%	
50) Toluene-d8	10.32	98	53007	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
62) 4-Bromofluorobenzene	12.62	95	16894	39.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.68%	
Target Compounds						
16) Acetone	4.12	43	4867	67.642	ug/l	97
20) Methylene Chloride	4.92	84	2903	3.432	ug/l #	72

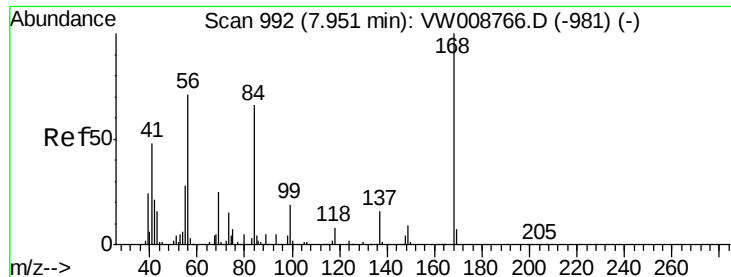
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008827.D

Acq: 26 Feb 2019 13:43

Instrument :

MSVOA_W

ClientSampled :

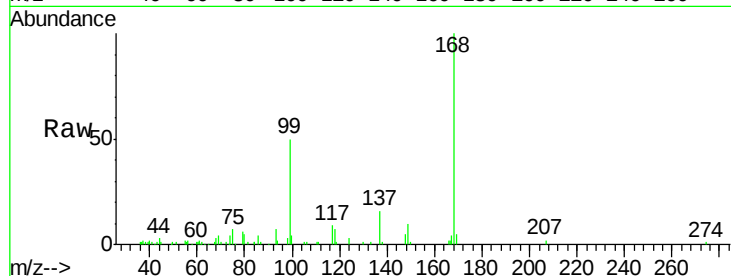
WV-C

Tot Ion:168 Resp: 33097

Ion Ratio Lower Upper

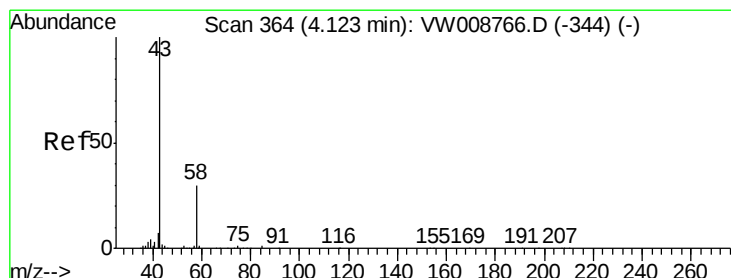
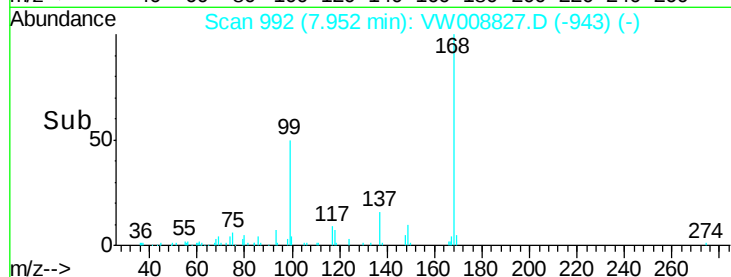
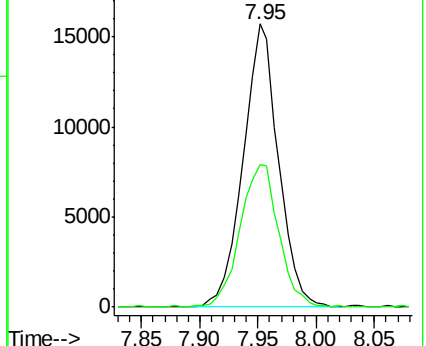
168 100

99 50.3 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 67.642 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW008827.D

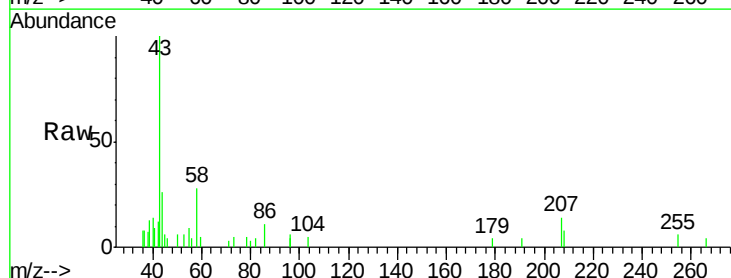
Acq: 26 Feb 2019 13:43

Tgt Ion: 43 Resp: 4867

Ion Ratio Lower Upper

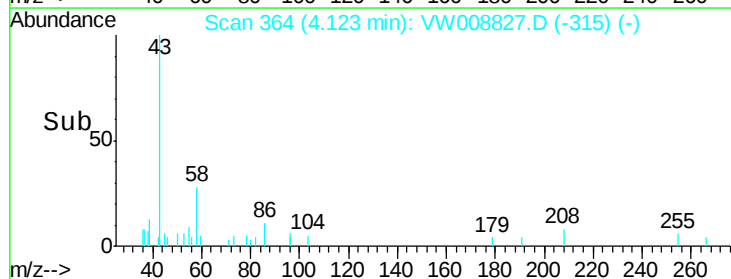
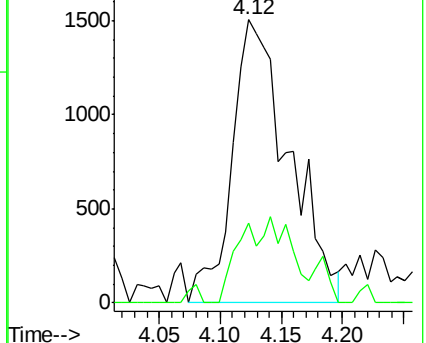
43 100

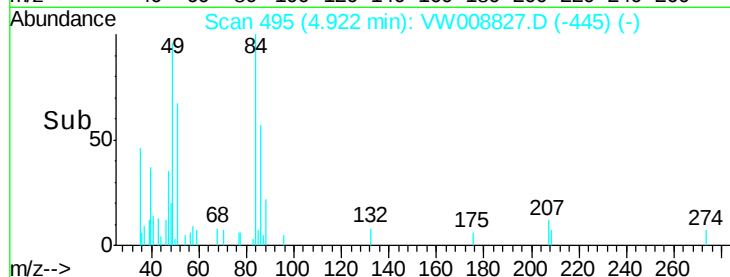
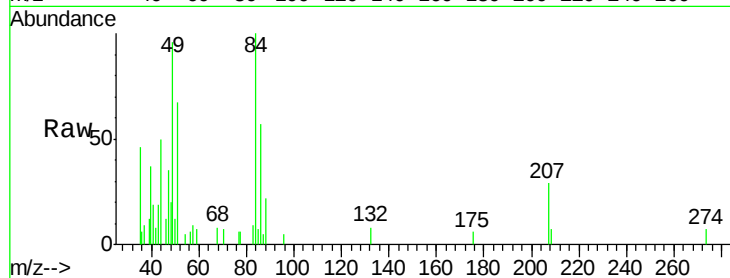
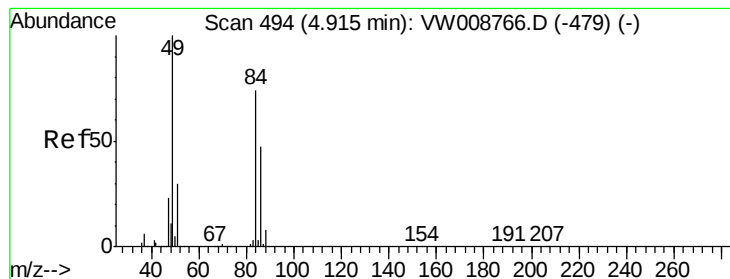
58 28.3 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 3.432 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW008827.D

Acq: 26 Feb 2019 13:43

Instrument :

MSVOA_W

ClientSampled :

WV-C

Tot Ion: 84 Resp: 2903

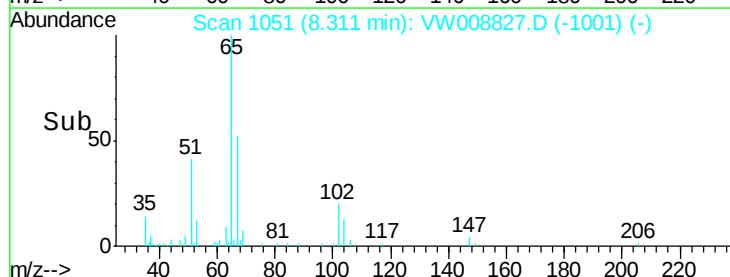
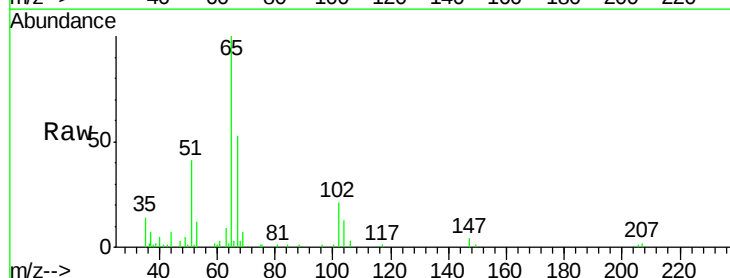
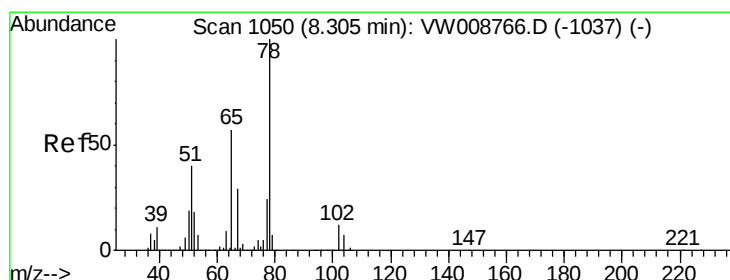
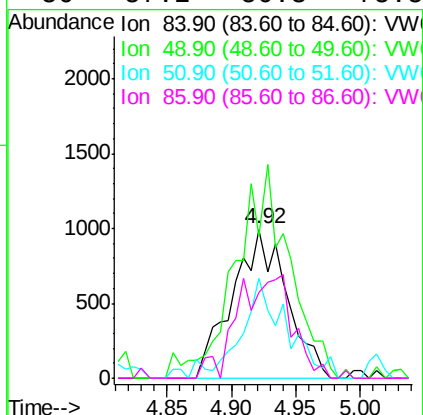
Ion Ratio Lower Upper

84 100

49 95.6 108.2 162.2#

51 67.1 32.7 49.1#

86 57.2 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 60.866 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VW008827.D

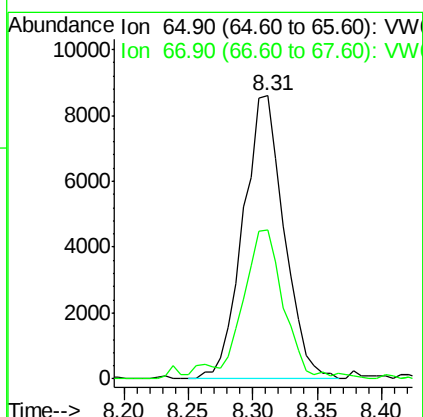
Acq: 26 Feb 2019 13:43

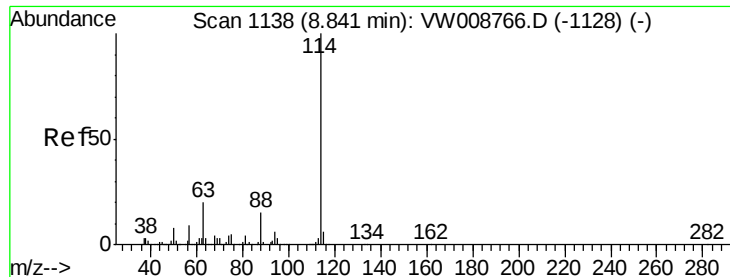
Tgt Ion: 65 Resp: 18894

Ion Ratio Lower Upper

65 100

67 51.0 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008827.D

Acq: 26 Feb 2019 13:43

Instrument :

MSVOA_W

ClientSampleId :

WV-C

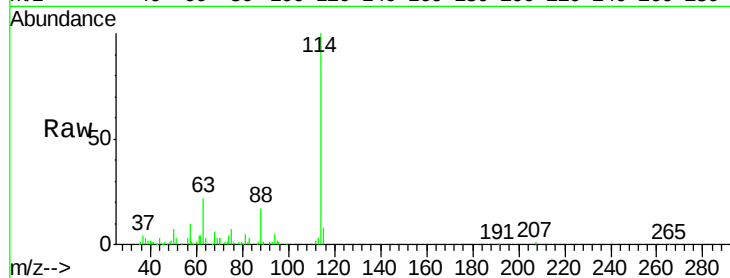
Tot Ion:114 Resp: 47325

Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.8

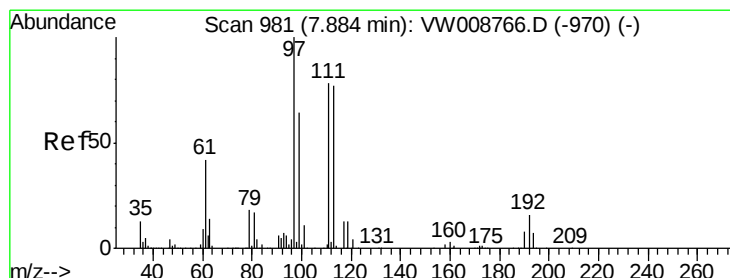
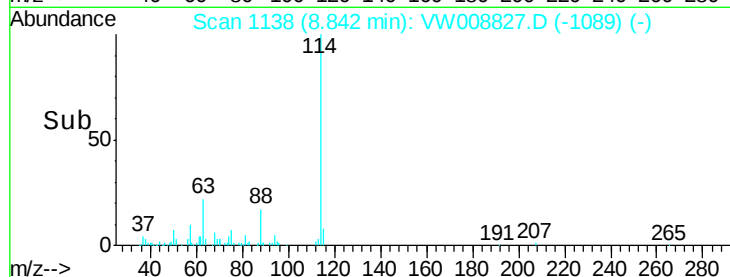
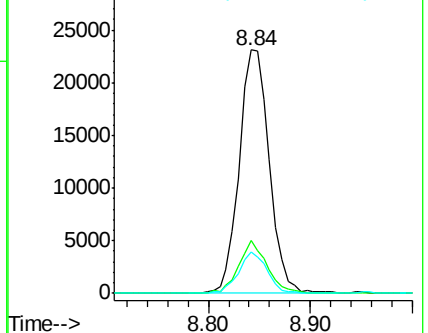
88 17.2 0.0 30.4



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: 53.455 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW008827.D

Acq: 26 Feb 2019 13:43

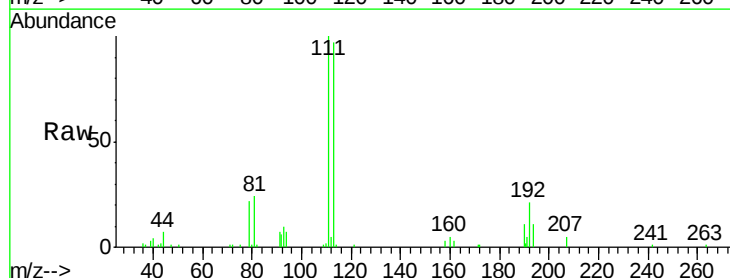
Tgt Ion:113 Resp: 15189

Ion Ratio Lower Upper

113 100

111 105.8 81.9 122.9

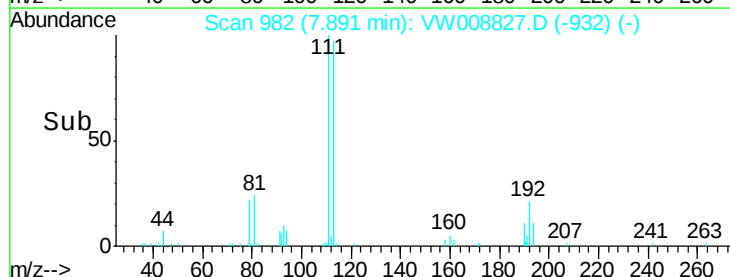
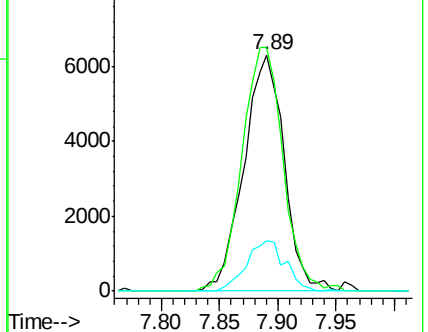
192 20.5 17.1 25.7

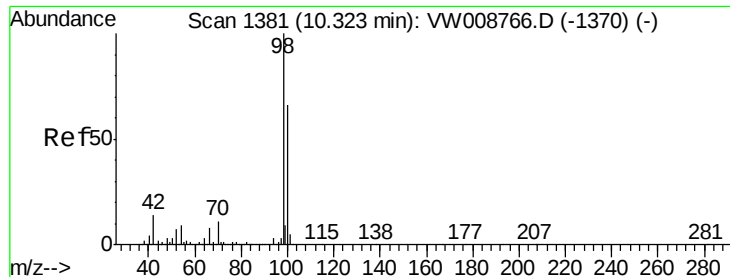


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.325 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008827.D

Acq: 26 Feb 2019 13:43

Instrument :

MSVOA_W

ClientSampleId :

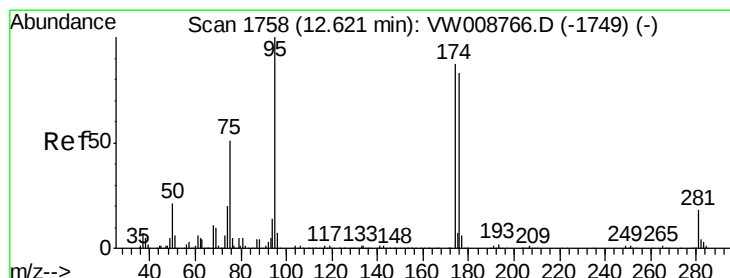
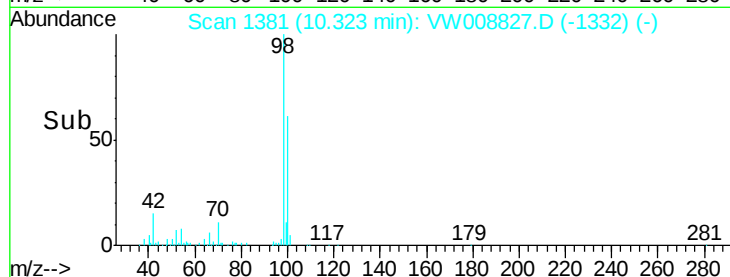
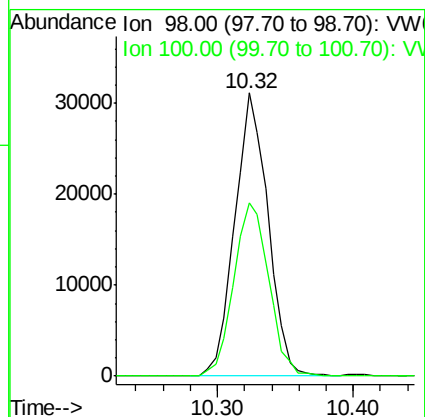
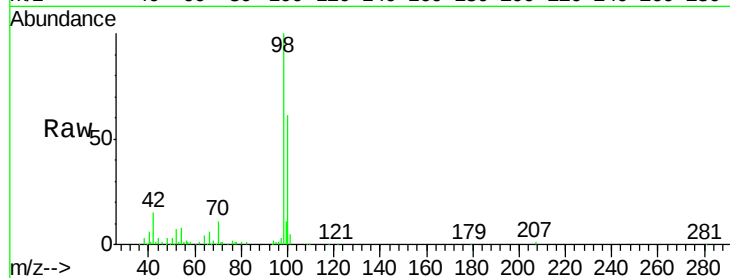
WV-C

Tot Ion: 98 Resp: 53007

Ion Ratio Lower Upper

98 100

100 64.5 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 39.336 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008827.D

Acq: 26 Feb 2019 13:43

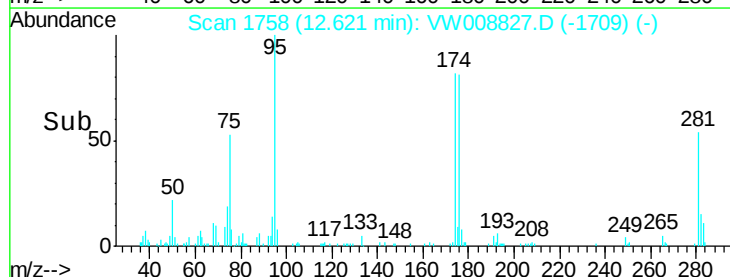
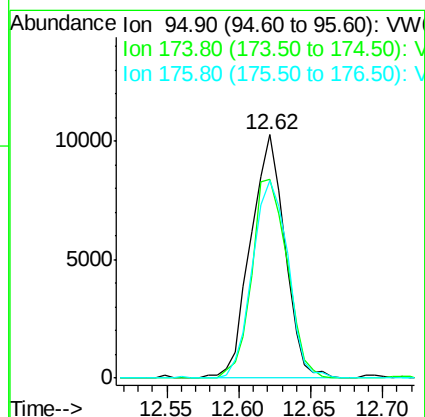
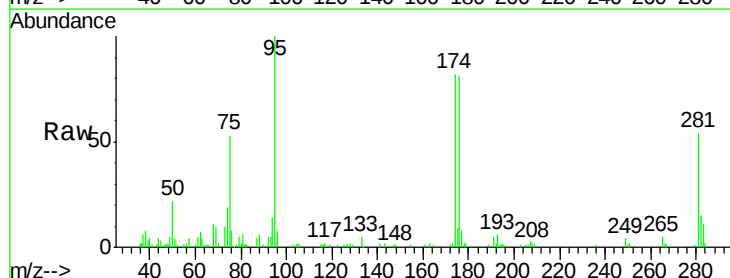
Tgt Ion: 95 Resp: 16894

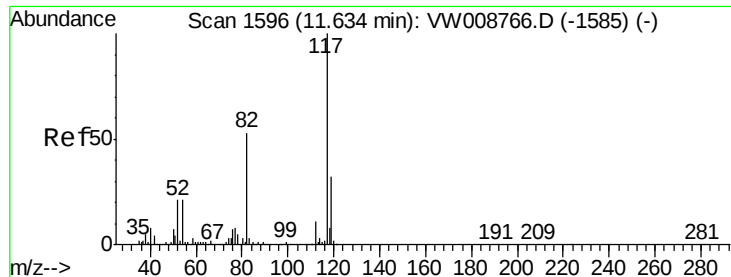
Ion Ratio Lower Upper

95 100

174 84.7 0.0 169.2

176 84.2 0.0 163.6

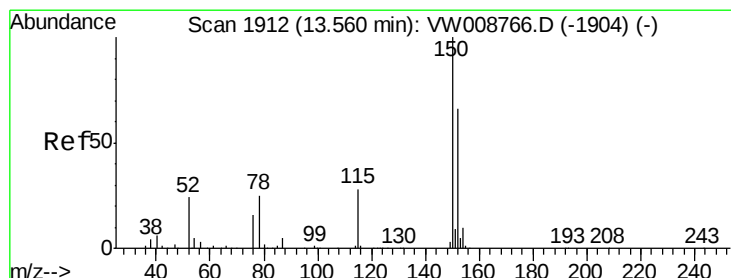
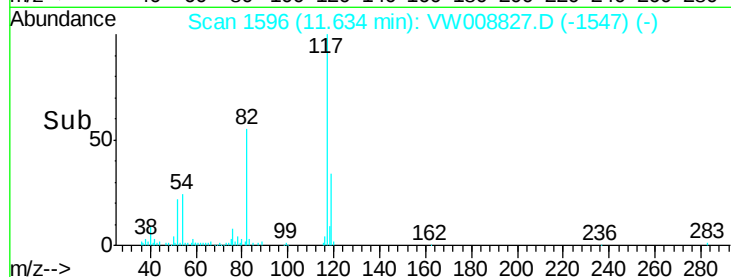
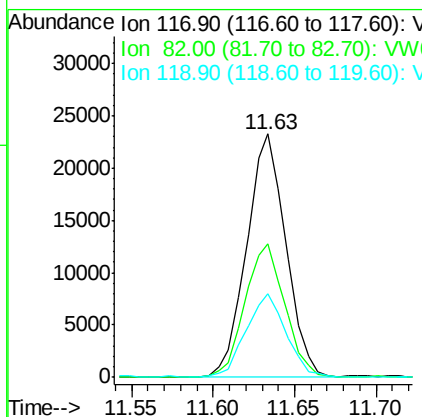
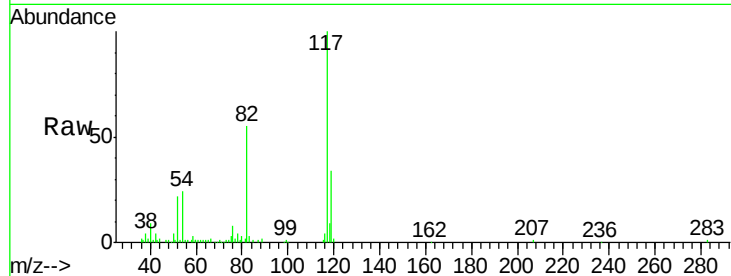




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008827.D
Acq: 26 Feb 2019 13:43

Instrument :
MSVOA_W
ClientSampleId :
WV-C

Tot Ion:117 Resp: 38920
Ion Ratio Lower Upper
117 100
82 55.1 42.2 63.4
119 34.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008827.D
Acq: 26 Feb 2019 13:43

Tgt Ion:152 Resp: 16060
Ion Ratio Lower Upper
152 100
115 56.5 28.6 85.8
150 155.5 0.0 348.0

