

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090319\
 Data File : VW012564.D
 Acq On : 04 Sep 2019 00:06
 Operator : SY/VA
 Sample : K4525-03
 Misc : 5.83G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-A2-(0)

Quant Time: Sep 04 07:47:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

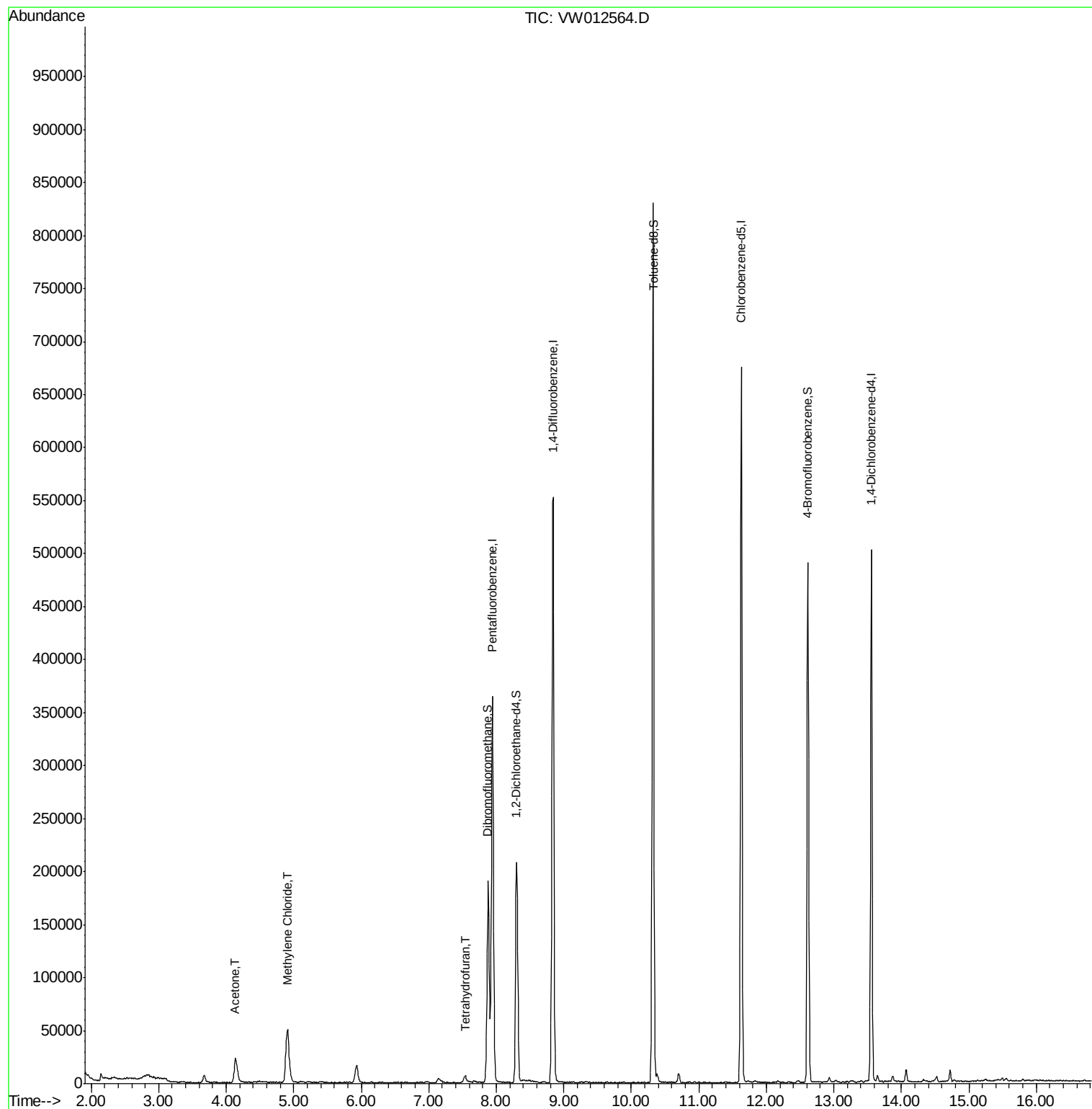
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	267333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	432990	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	347764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	124283	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	175146	55.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.22%	
35) Dibromofluoromethane	7.88	113	133870	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.60%	
50) Toluene-d8	10.32	98	523991	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
62) 4-Bromofluorobenzene	12.62	95	152902	41.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.78%	
Target Compounds						
16) Acetone	4.14	43	50636	62.333	ug/l	94
20) Methylene Chloride	4.92	84	38012	12.378	ug/l	98
29) Tetrahydrofuran	7.54	42	6556	9.899	ug/l	98

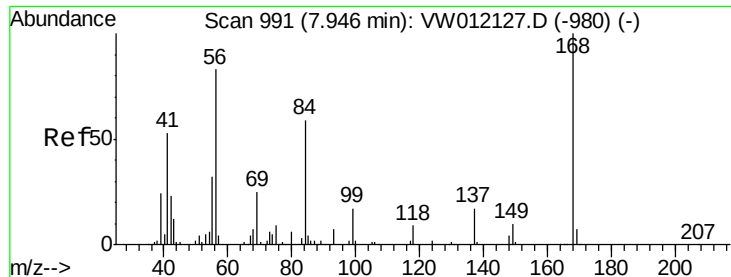
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012564.D

Acq: 04 Sep 2019 00:06

Instrument :

MSVOA_W

ClientSampleId :

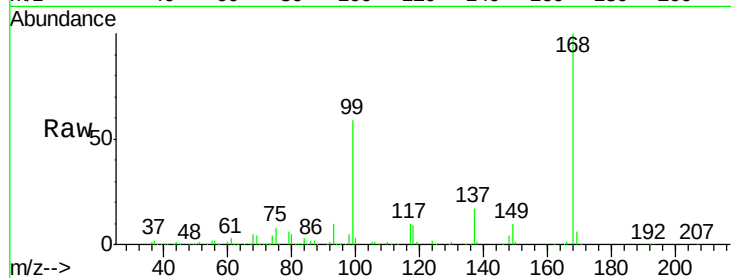
T9-12-13-A2-(0)

Tot Ion:168 Resp: 267333

Ion Ratio Lower Upper

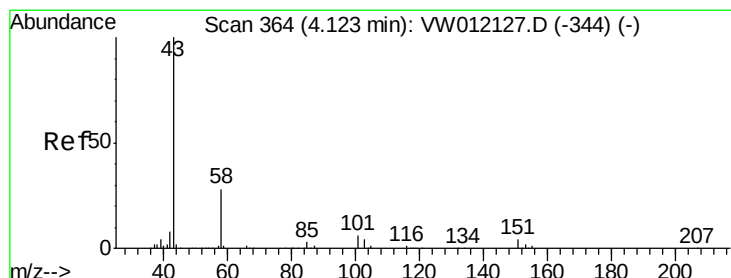
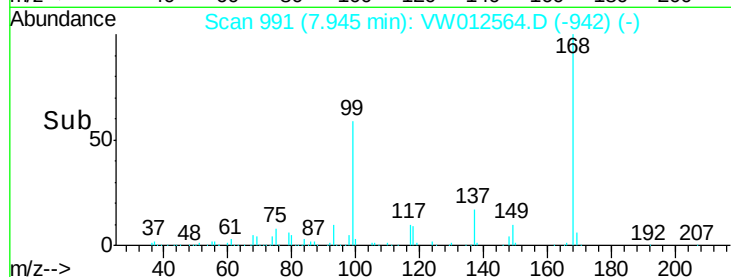
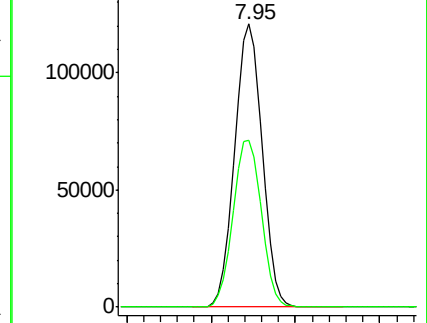
168 100

99 58.7 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 62.333 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW012564.D

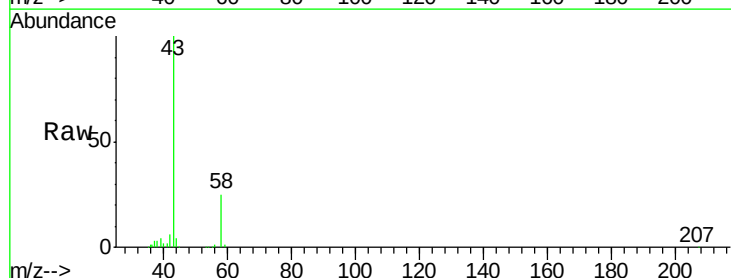
Acq: 04 Sep 2019 00:06

Tgt Ion: 43 Resp: 50636

Ion Ratio Lower Upper

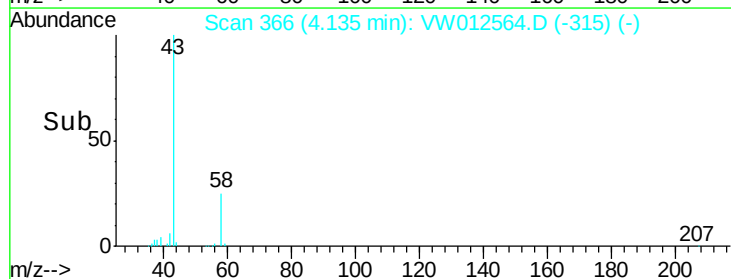
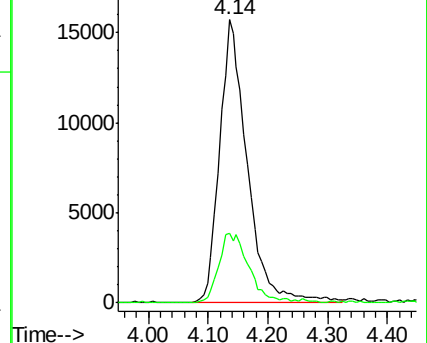
43 100

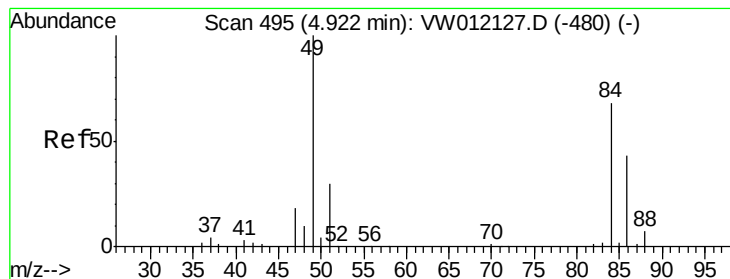
58 24.6 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 12.378 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012564.D

Acq: 04 Sep 2019 00:06

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-A2-(0)

Tot Ion: 84 Resp: 38012

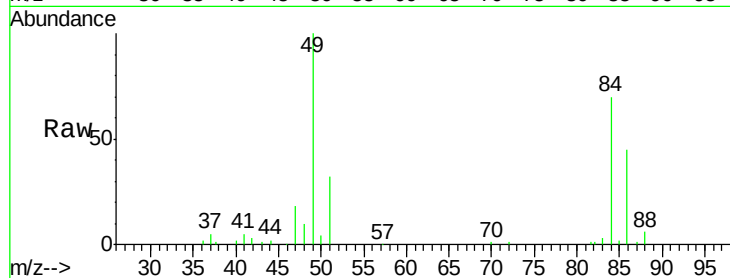
Ion Ratio Lower Upper

84 100

49 143.2 117.8 176.8

51 45.6 35.6 53.4

86 64.6 51.2 76.8

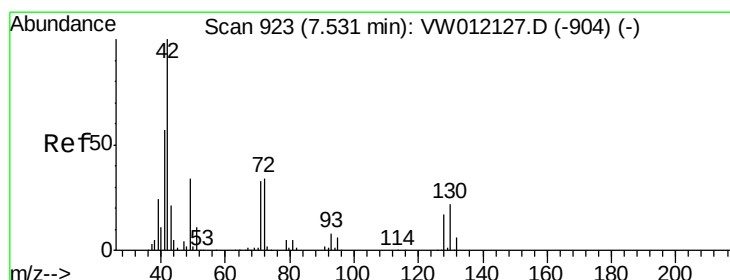
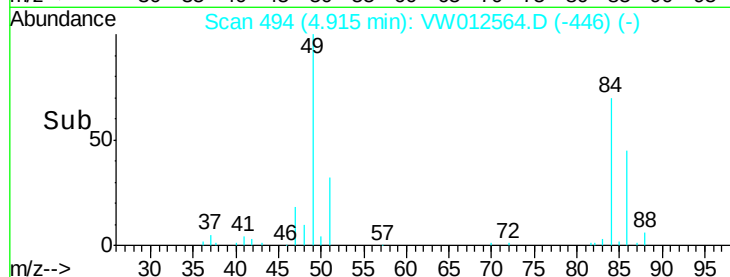
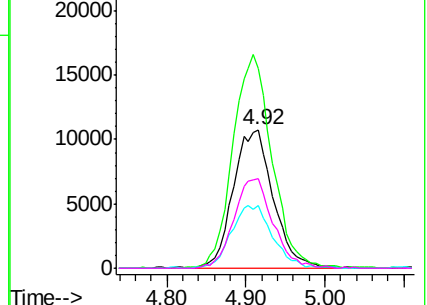


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#29

Tetrahydrofuran

Concen: 9.899 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012564.D

Acq: 04 Sep 2019 00:06

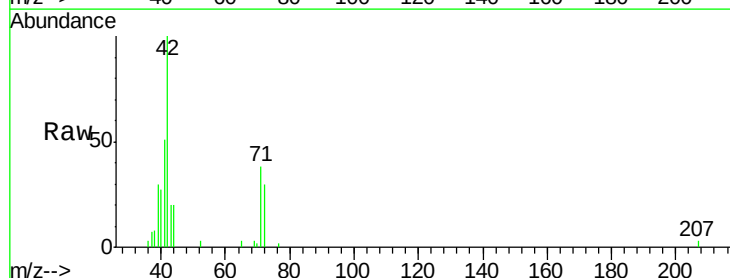
Tgt Ion: 42 Resp: 6556

Ion Ratio Lower Upper

42 100

72 34.6 27.3 40.9

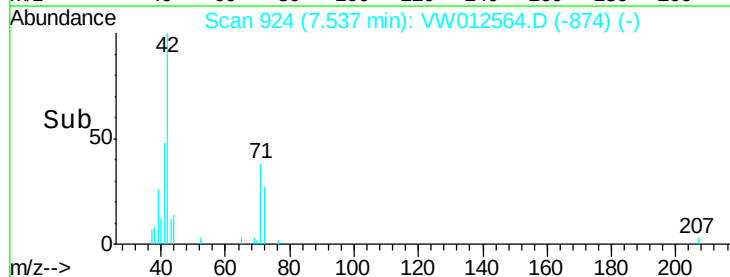
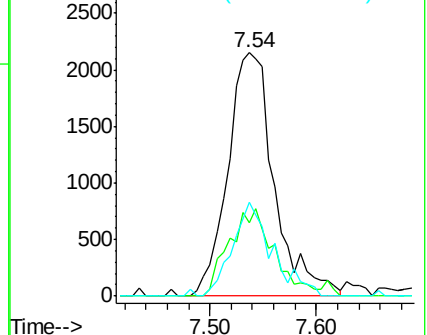
71 29.9 25.5 38.3

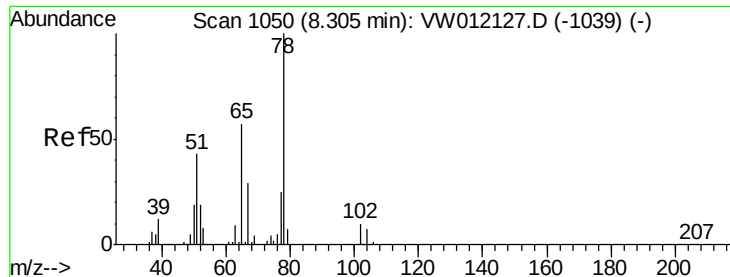


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

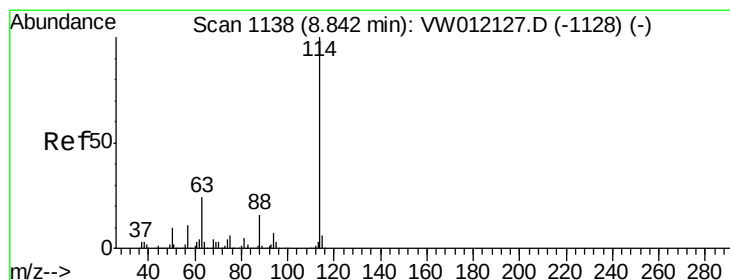
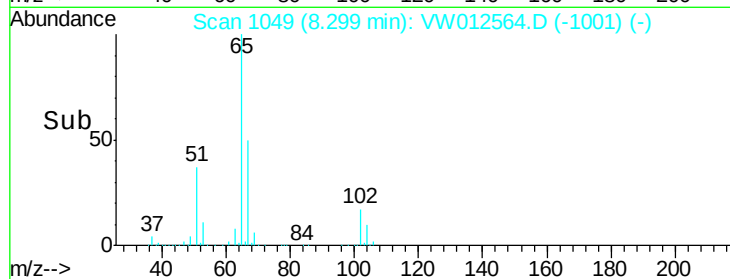
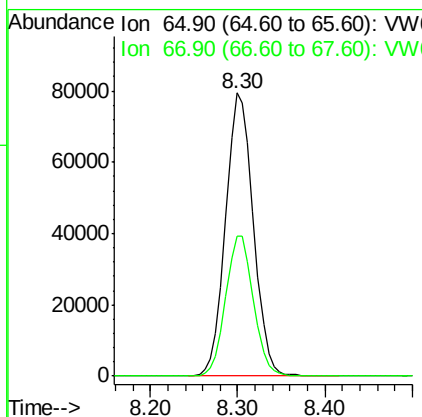
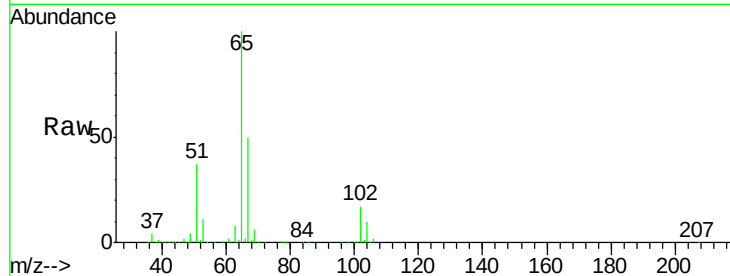




#33
 1,2-Dichloroethane-d4
 Concen: 55.113 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012564.D
 Acq: 04 Sep 2019 00:06

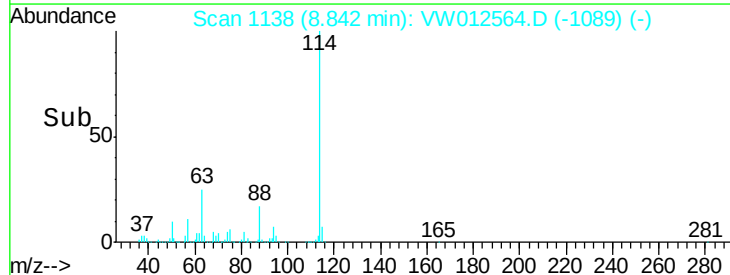
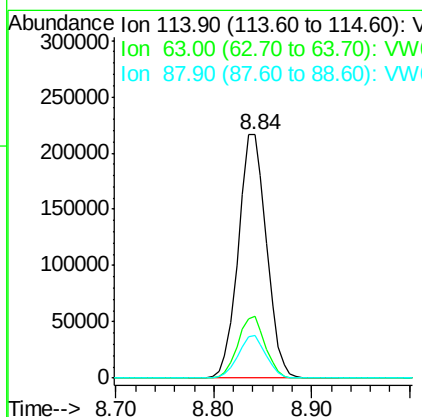
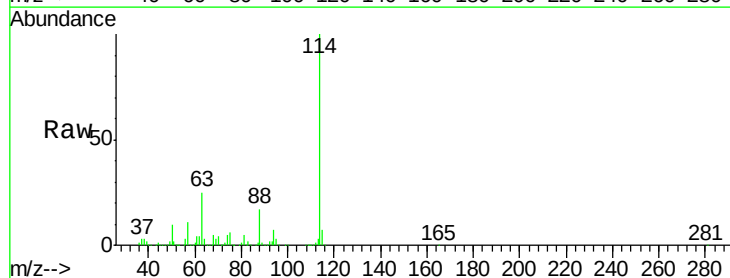
Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-A2-(0)

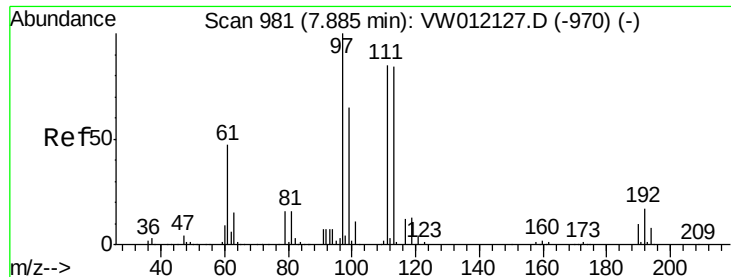
Tot Ion: 65 Resp: 175146
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012564.D
 Acq: 04 Sep 2019 00:06

Tgt Ion: 114 Resp: 432990
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 48.6
 88 17.5 0.0 32.2





#35

Dibromofluoromethane

Concen: 51.797 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012564.D

Acq: 04 Sep 2019 00:06

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-A2-(0)

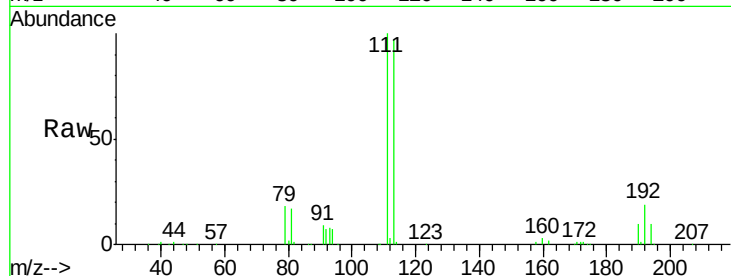
Tot Ion:113 Resp: 133870

Ion Ratio Lower Upper

113 100

111 103.8 82.7 124.1

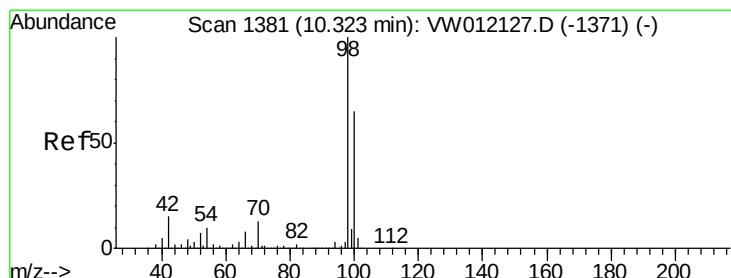
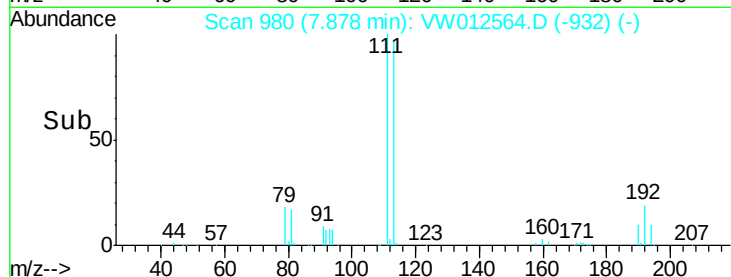
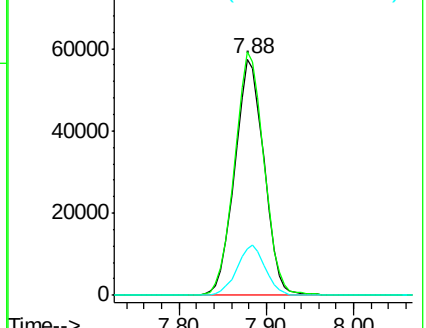
192 20.7 16.2 24.2



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: 50.001 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012564.D

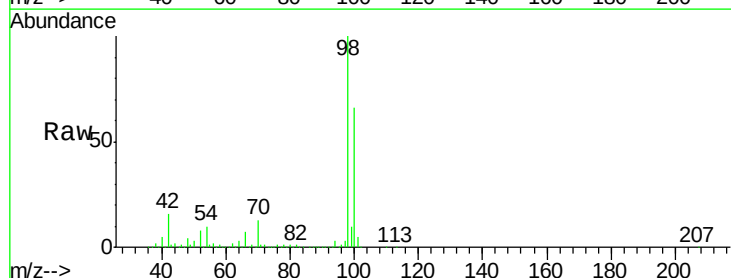
Acq: 04 Sep 2019 00:06

Tgt Ion: 98 Resp: 523991

Ion Ratio Lower Upper

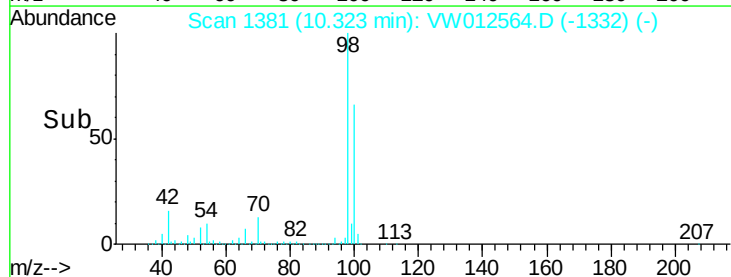
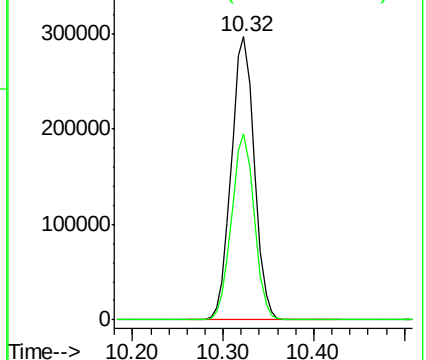
98 100

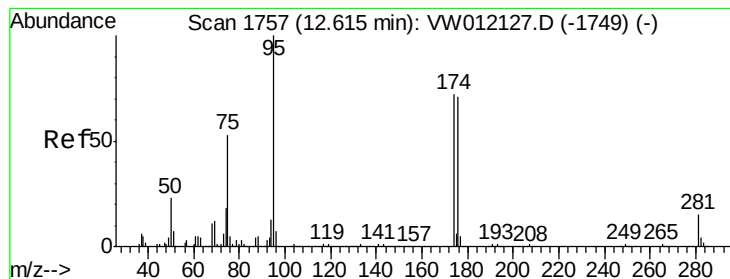
100 64.9 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 41.392 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012564.D

Acq: 04 Sep 2019 00:06

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-A2-(0)

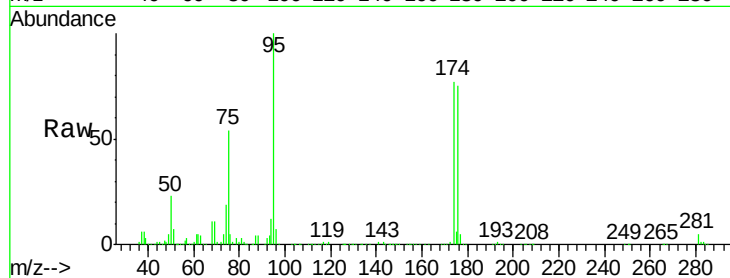
Tot Ion: 95 Resp: 152902

Ion Ratio Lower Upper

95 100

174 80.2 0.0 150.8

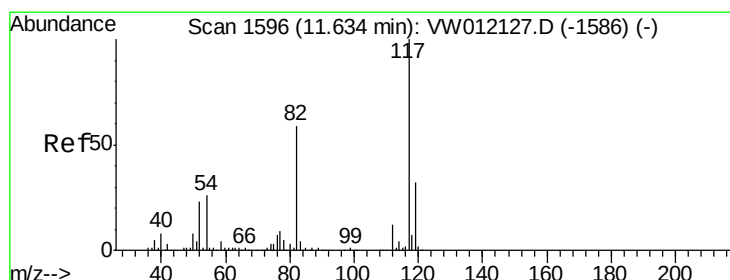
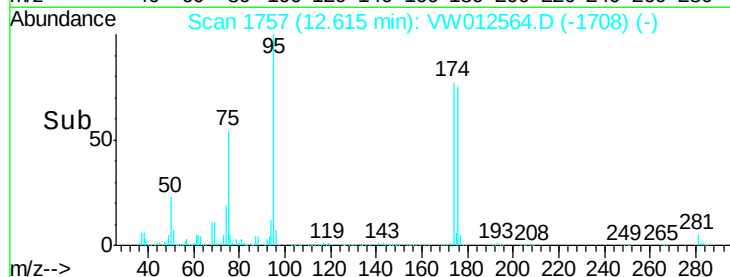
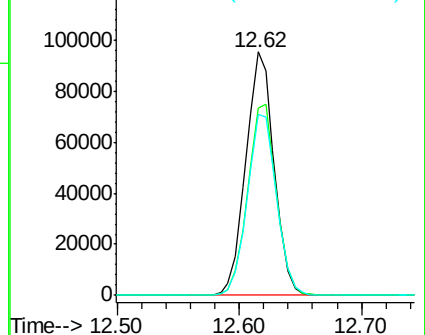
176 77.0 0.0 148.6



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# 1595

Delta R.T. -0.01 min

Lab File: VW012564.D

Acq: 04 Sep 2019 00:06

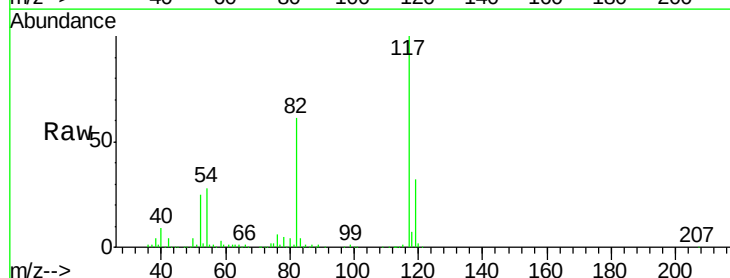
Tgt Ion: 117 Resp: 347764

Ion Ratio Lower Upper

117 100

82 60.5 47.4 71.2

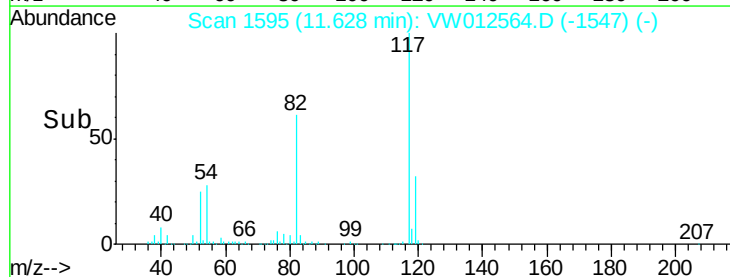
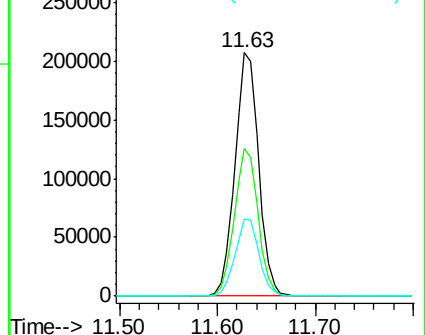
119 31.6 25.4 38.2

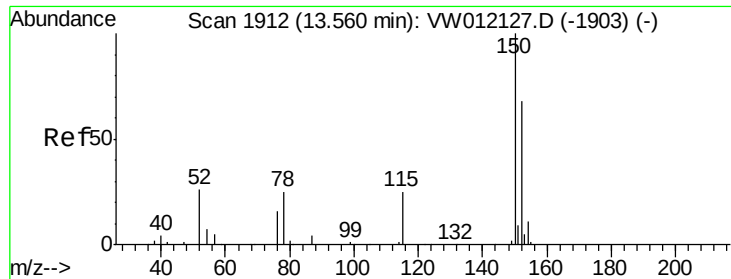


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012564.D

Acq: 04 Sep 2019 00:06

Instrument :

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ClientSampleId :

T9-12-13-A2-(0)

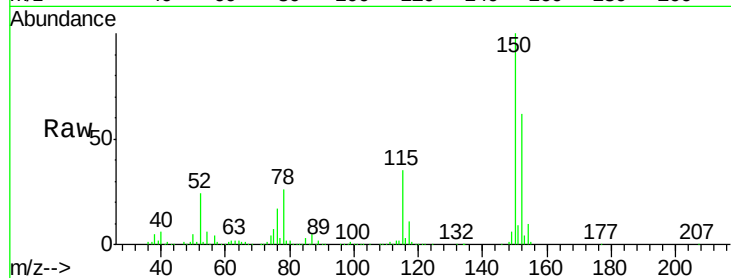
Tot Ion:152 Resp: 124283

Ion Ratio Lower Upper

152 100

115 59.7 30.1 90.3

150 157.4 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

