

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082819\
 Data File : VW012274.D
 Acq On : 29 Aug 2019 01:36
 Operator : SY/VA
 Sample : K4543-10
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-3-S2

Quant Time: Aug 29 07:31:20 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

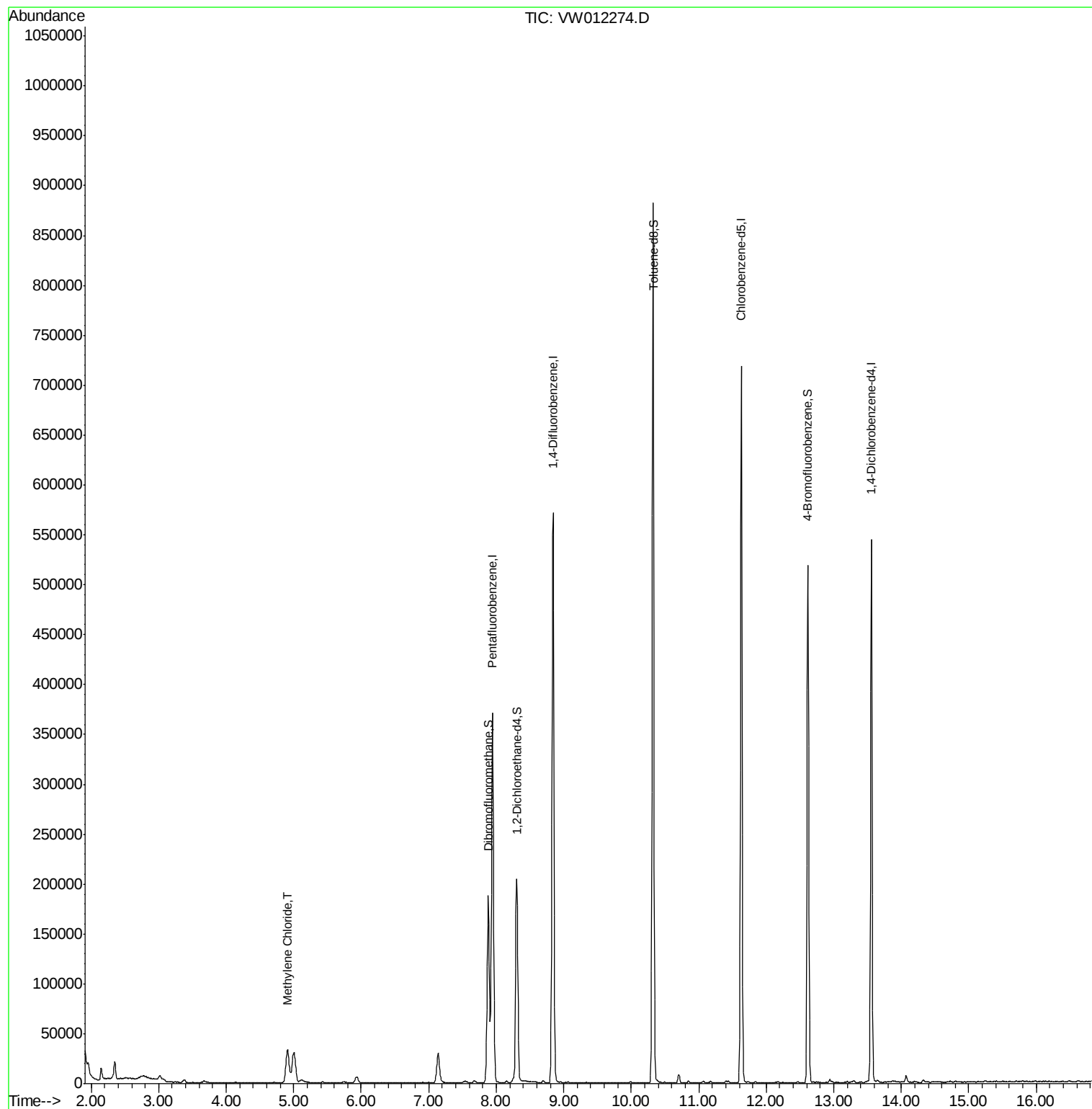
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	271941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	449839	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	373011	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	135636	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	169398	52.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.80%	
35) Dibromofluoromethane	7.88	113	134586	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
50) Toluene-d8	10.32	98	554730	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.62	95	167604	43.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.34%	
Target Compounds						
20) Methylene Chloride	4.91	84	23608	7.557	ug/l	Qvalue 91

(#) = 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: VW012274.D

Acq: 29 Aug 2019 01:36

Instrument :

MSVOA_W

ClientSampleId :

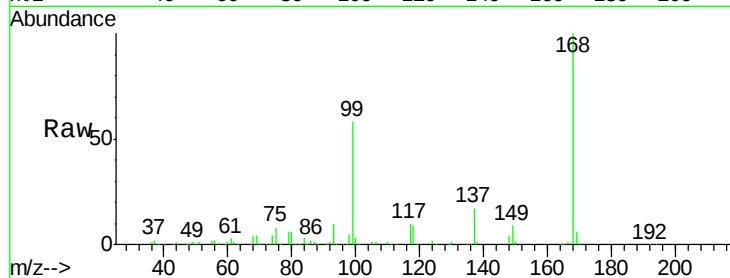
TP-3-S2

Tot Ion:168 Resp: 271941

Ion Ratio Lower Upper

168 100

99 58.3 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

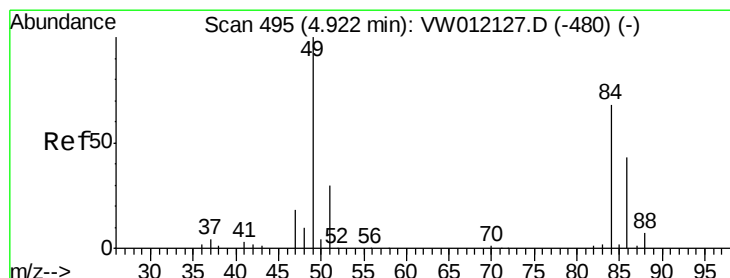
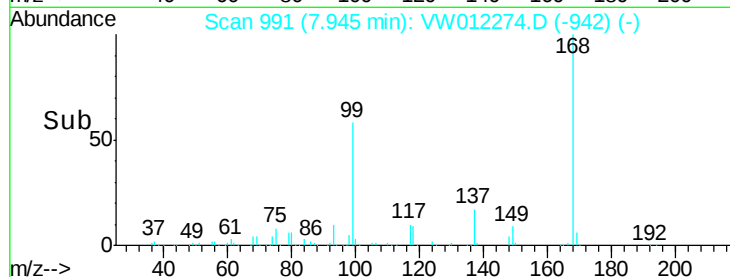
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#20

Methylene Chloride

Concen: 7.557 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012274.D

Acq: 29 Aug 2019 01:36

Tgt Ion: 84 Resp: 23608

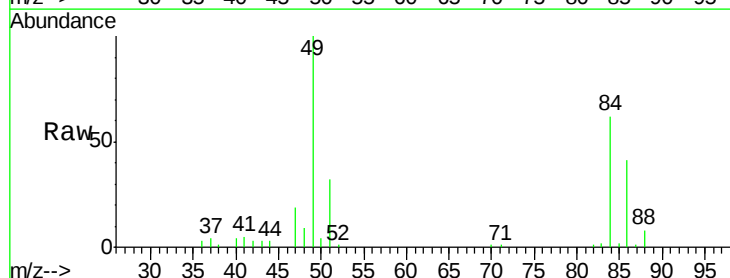
Ion Ratio Lower Upper

84 100

49 160.9 117.8 176.8

51 51.2 35.6 53.4

86 66.3 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

15000

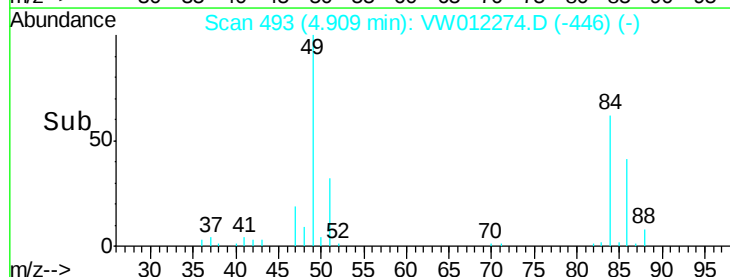
10000

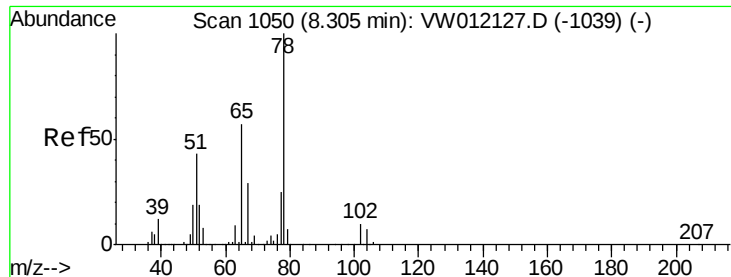
5000

0

4.80 4.90 5.00

Time-->

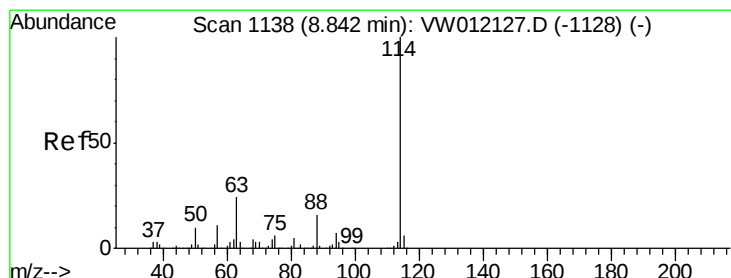
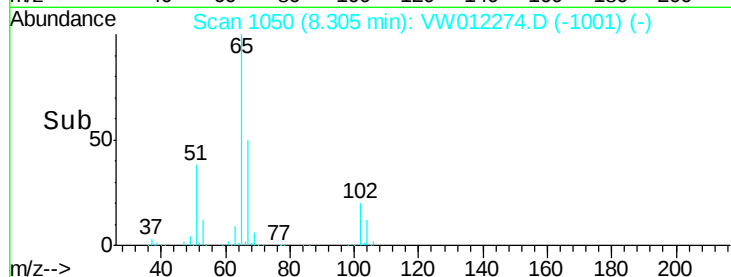
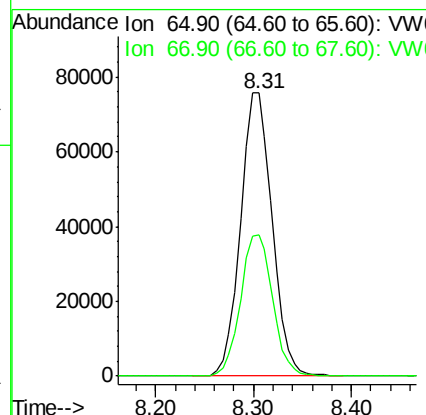
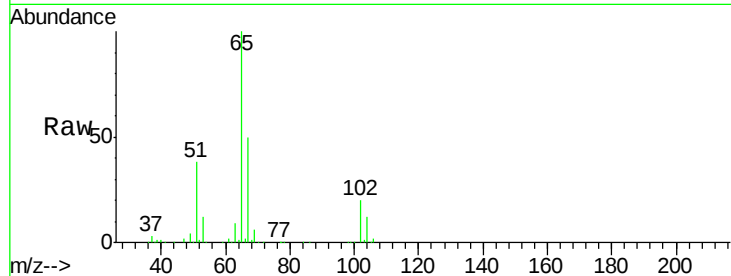




#33
 1,2-Dichloroethane-d4
 Concen: 52.401 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012274.D
 Acq: 29 Aug 2019 01:36

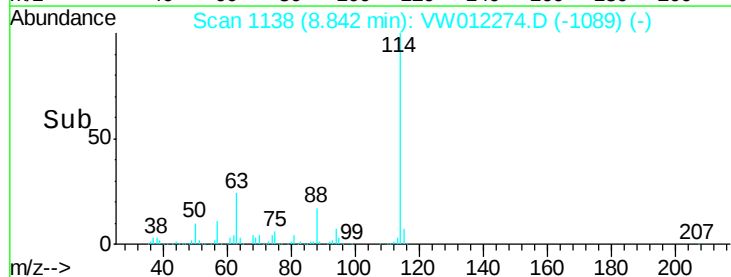
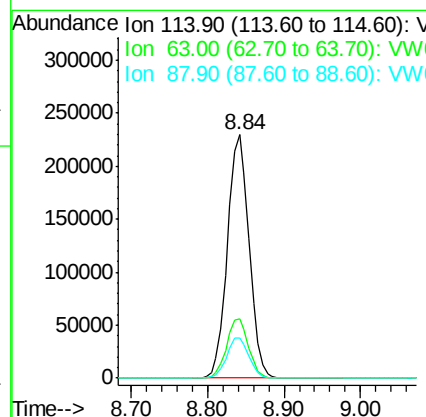
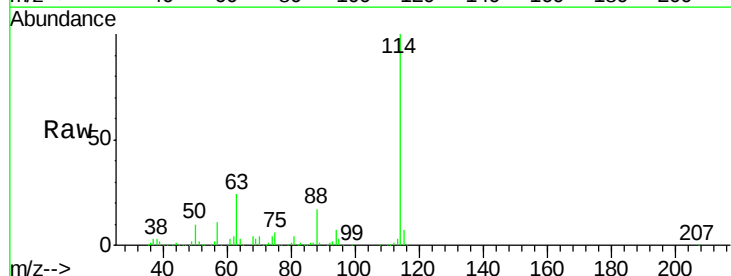
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-3-S2

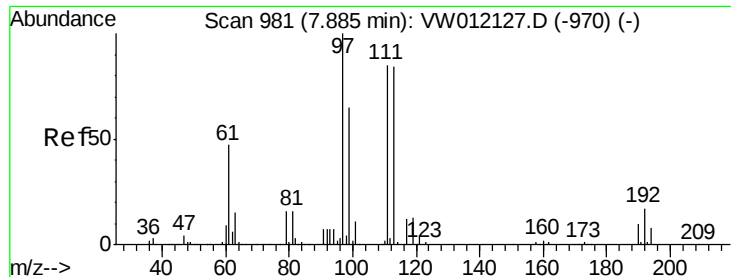
Tot Ion: 65 Resp: 169398
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012274.D
 Acq: 29 Aug 2019 01:36

Tgt Ion: 114 Resp: 449839
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 48.6
 88 16.5 0.0 32.2





#35

Dibromofluoromethane

Concen: 50.123 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012274.D

Acq: 29 Aug 2019 01:36

Instrument :

MSVOA_W

ClientSampleId :

TP-3-S2

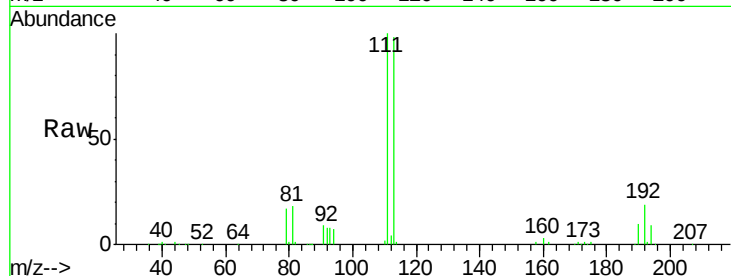
Tot Ion:113 Resp: 134586

Ion Ratio Lower Upper

113 100

111 102.6 82.7 124.1

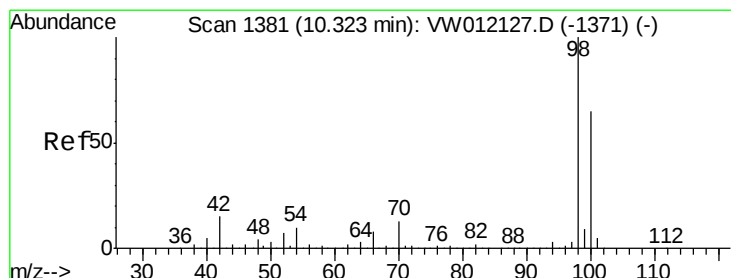
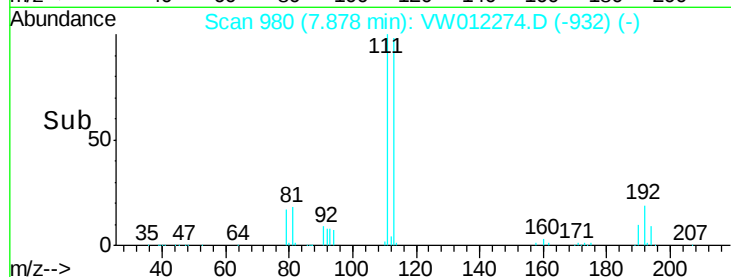
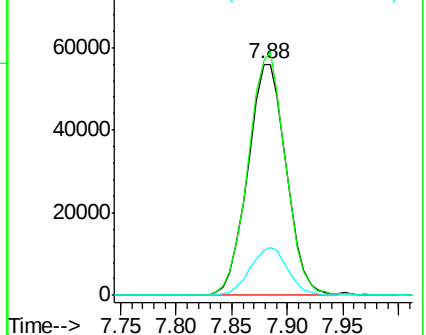
192 20.2 16.2 24.2



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: 50.952 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012274.D

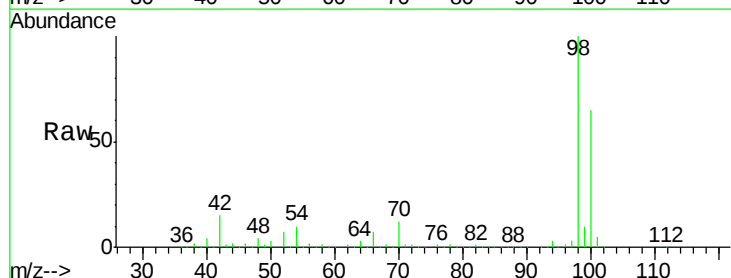
Acq: 29 Aug 2019 01:36

Tgt Ion: 98 Resp: 554730

Ion Ratio Lower Upper

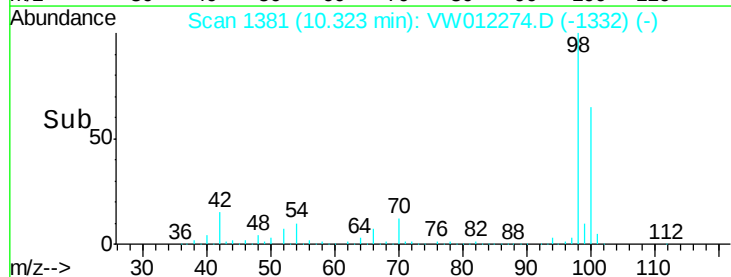
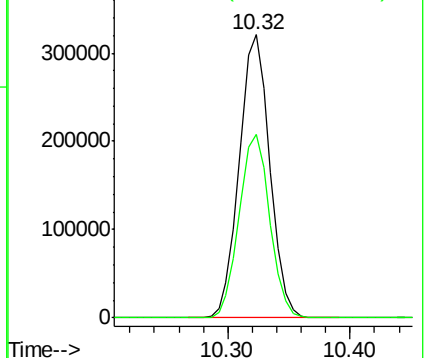
98 100

100 65.2 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: 43.672 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012274.D

Acq: 29 Aug 2019 01:36

Instrument :

MSVOA_W

ClientSampleId :

TP-3-S2

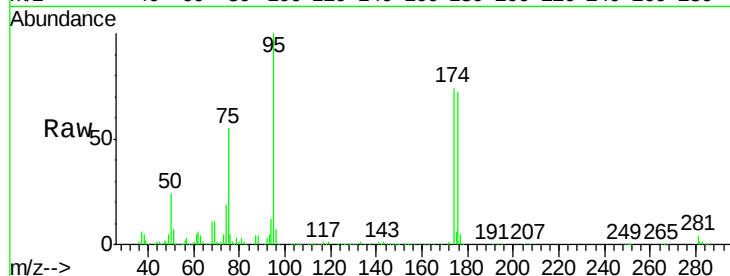
Tot Ion: 95 Resp: 167604

Ion Ratio Lower Upper

95 100

174 76.8 0.0 150.8

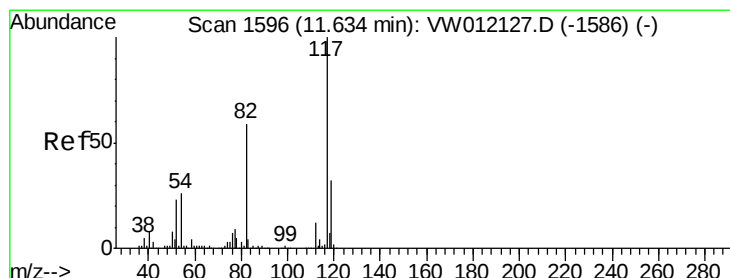
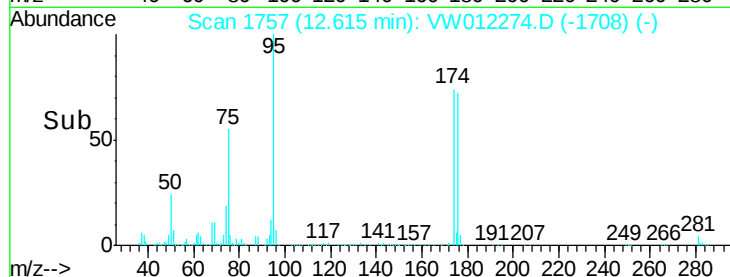
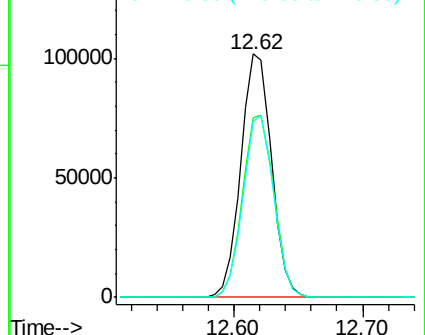
176 74.5 0.0 148.6



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: VW012274.D

Acq: 29 Aug 2019 01:36

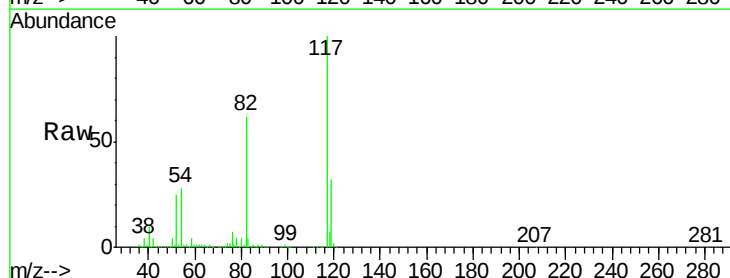
Tgt Ion: 117 Resp: 373011

Ion Ratio Lower Upper

117 100

82 61.9 47.4 71.2

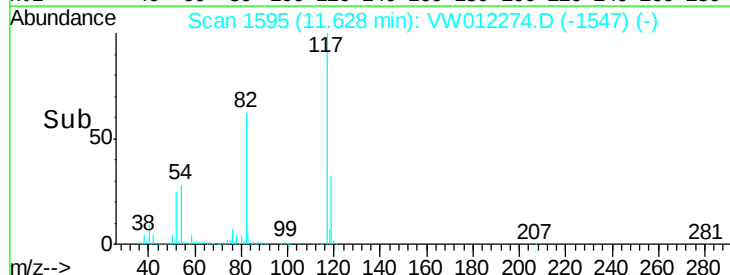
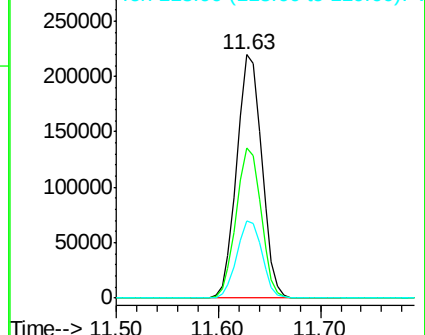
119 31.6 25.4 38.2

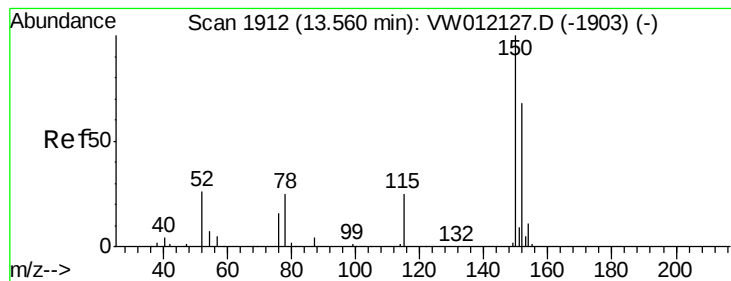


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW012274.D

Acq: 29 Aug 2019 01:36

Instrument :

MSVOA_W

ClientSampleId :

TP-3-S2

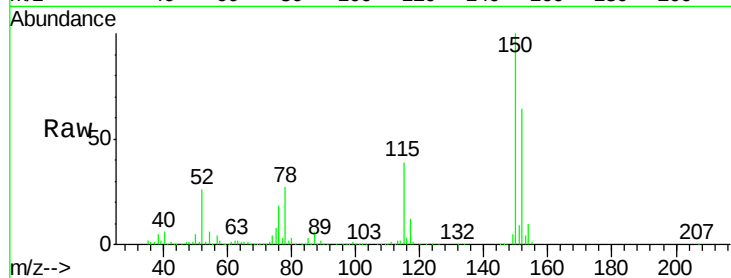
Tot Ion:152 Resp: 135636

Ion Ratio Lower Upper

152 100

115 60.2 30.1 90.3

150 157.2 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

