

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090319\
 Data File : VW012574.D
 Acq On : 04 Sep 2019 04:23
 Operator : SY/VA
 Sample : K4525-08
 Misc : 3.75G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-A3-(1.9)

Quant Time: Sep 04 07:53:40 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

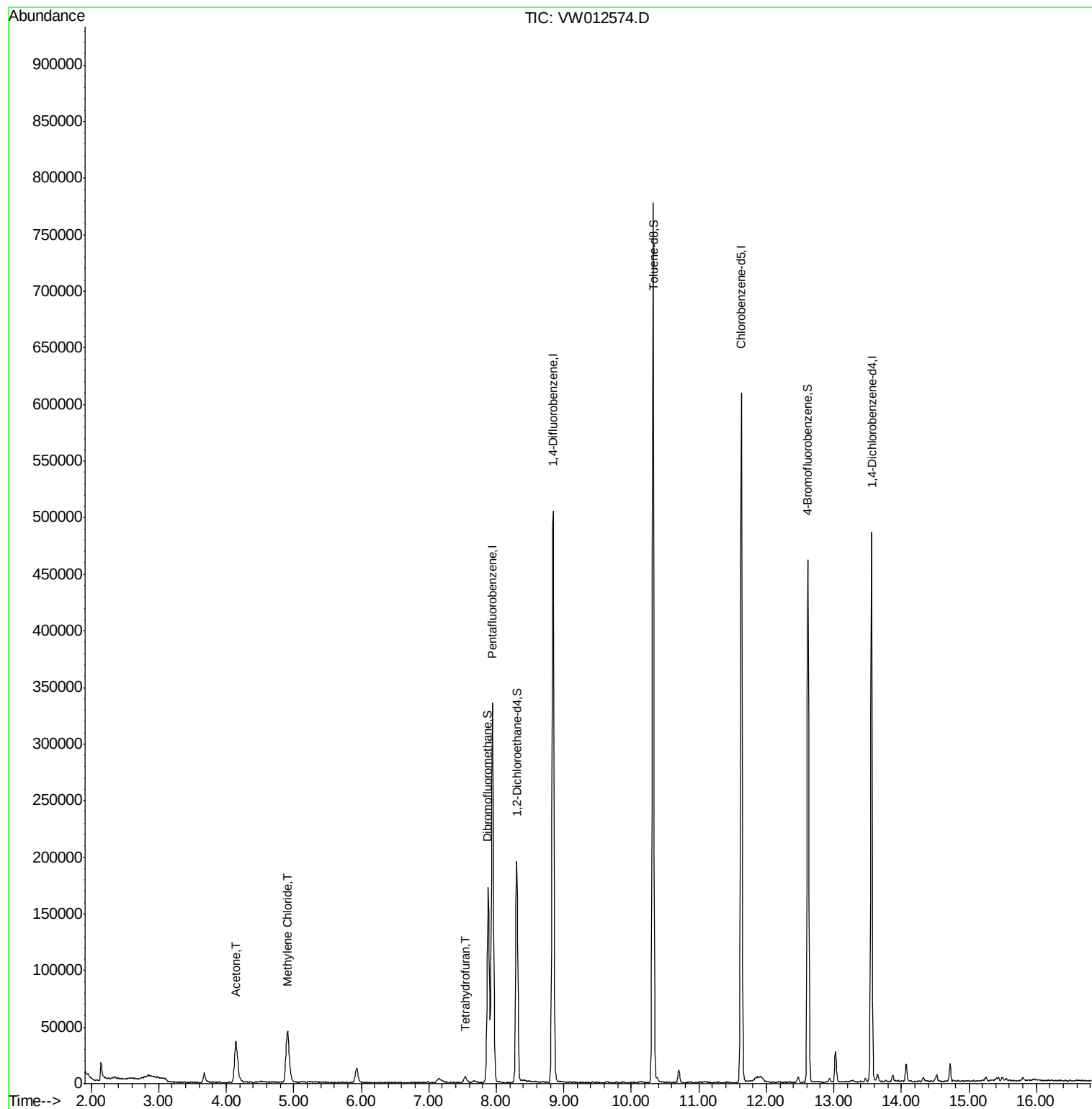
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	245200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	402176	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	326538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	120008	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	161954	55.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.12%	
35) Dibromofluoromethane	7.88	113	123109	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
50) Toluene-d8	10.32	98	482496	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	
62) 4-Bromofluorobenzene	12.62	95	145691	42.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.92%	
Target Compounds						
16) Acetone	4.14	43	81763	109.736	ug/l	Qvalue 100
20) Methylene Chloride	4.92	84	34856	12.375	ug/l	99
29) Tetrahydrofuran	7.54	42	5490	9.038	ug/l	98

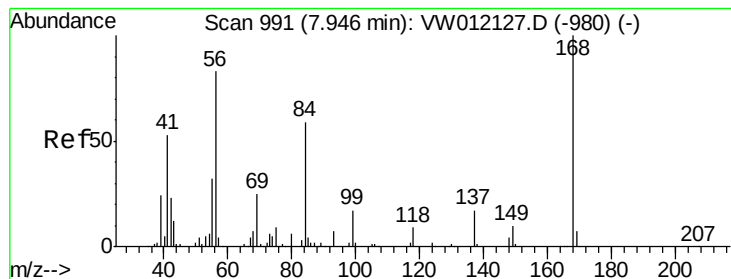
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW012574.D

Acq: 04 Sep 2019 04:23

Instrument :

MSVOA_W

ClientSampleId :

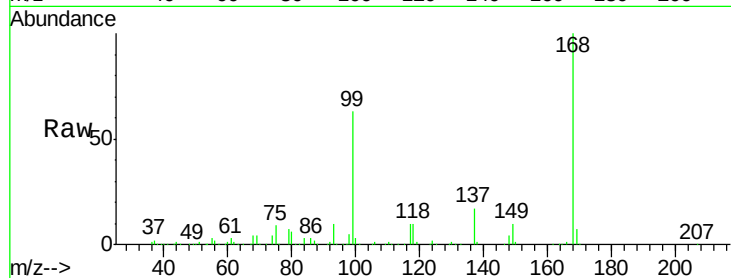
T9-12-13-A3-(1.9)

Tot Ion:168 Resp: 245200

Ion Ratio Lower Upper

168 100

99 62.5 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

100000

80000

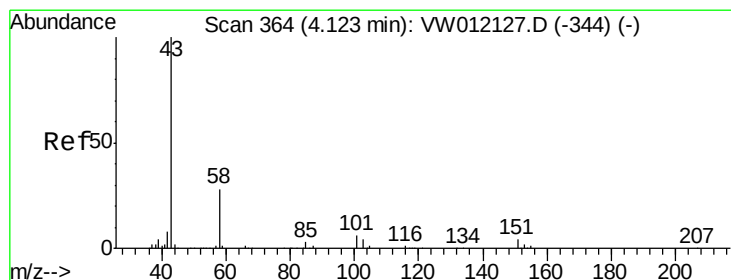
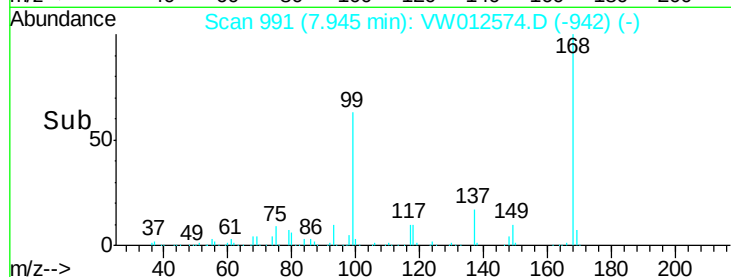
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 109.736 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW012574.D

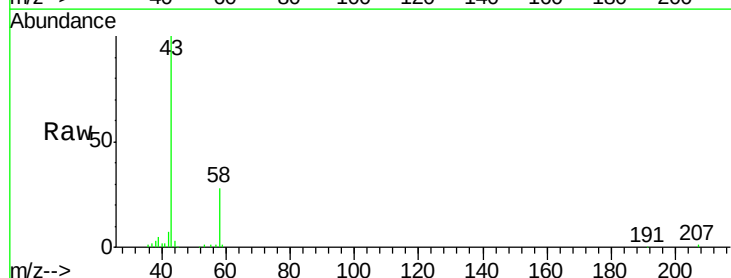
Acq: 04 Sep 2019 04:23

Tgt Ion: 43 Resp: 81763

Ion Ratio Lower Upper

43 100

58 28.2 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

25000

20000

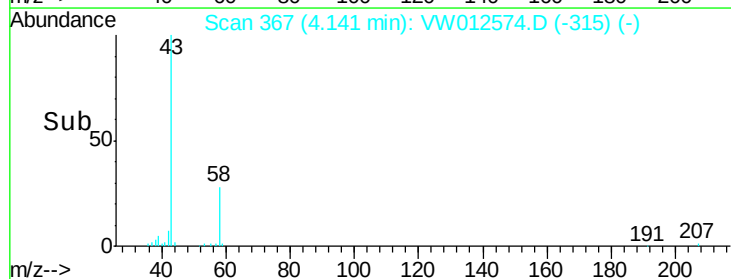
15000

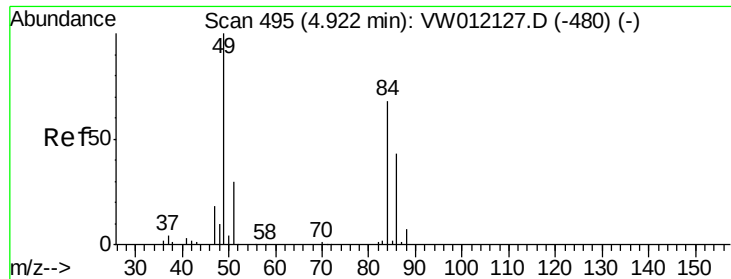
10000

5000

0

Time-->

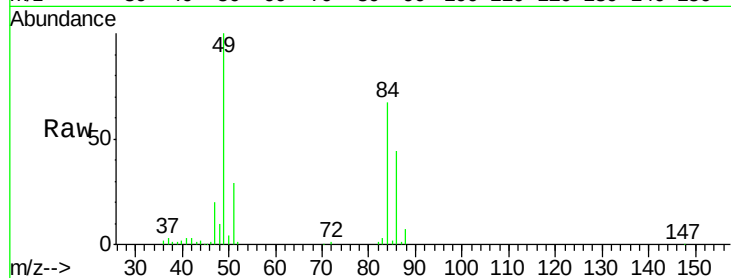




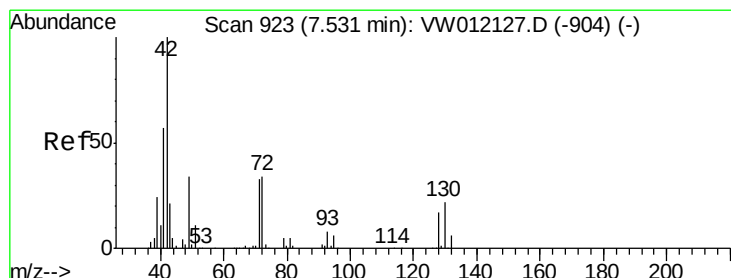
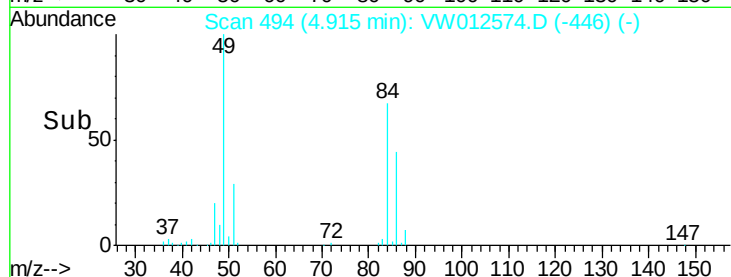
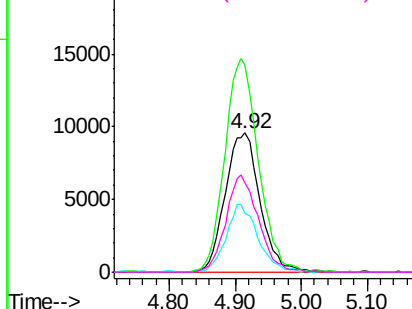
#20
Methylene Chloride
Concen: 12.375 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012574.D
Acq: 04 Sep 2019 04:23

Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-A3-(1.9)

Tot Ion: 84 Resp: 34856
Ion Ratio Lower Upper
84 100
49 148.8 117.8 176.8
51 42.7 35.6 53.4
86 64.7 51.2 76.8

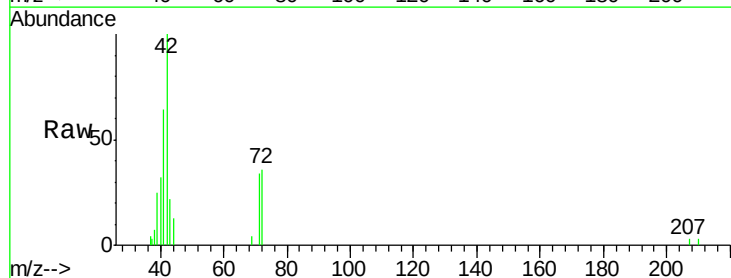


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

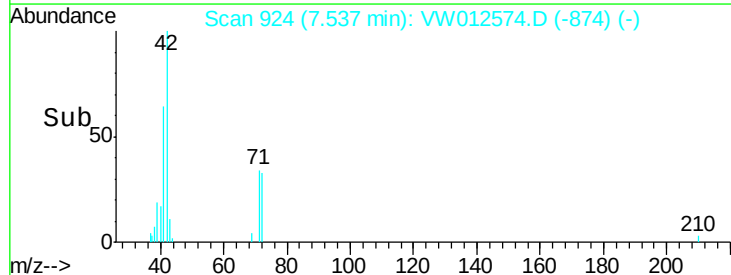
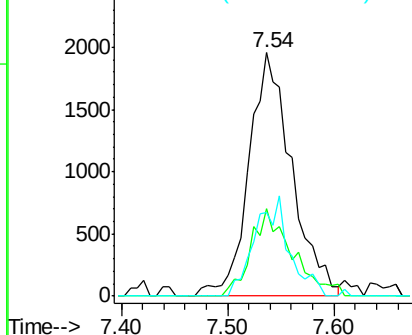


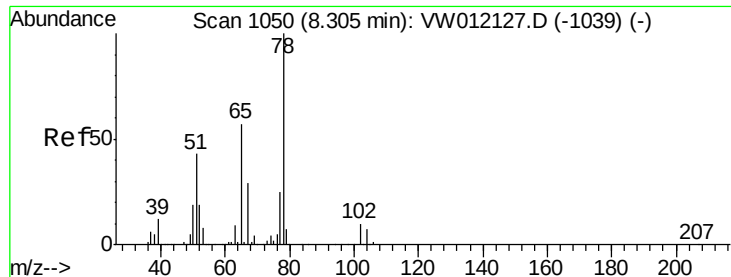
#29
Tetrahydrofuran
Concen: 9.038 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012574.D
Acq: 04 Sep 2019 04:23

Tgt Ion: 42 Resp: 5490
Ion Ratio Lower Upper
42 100
72 34.7 27.3 40.9
71 33.4 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

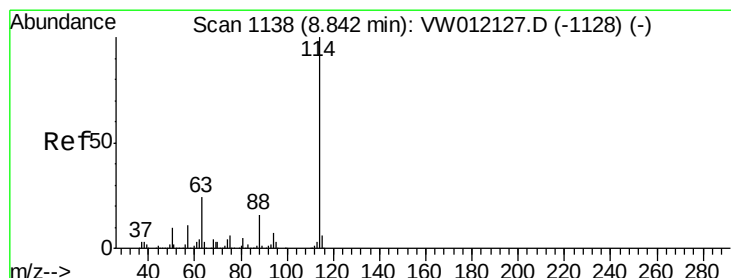
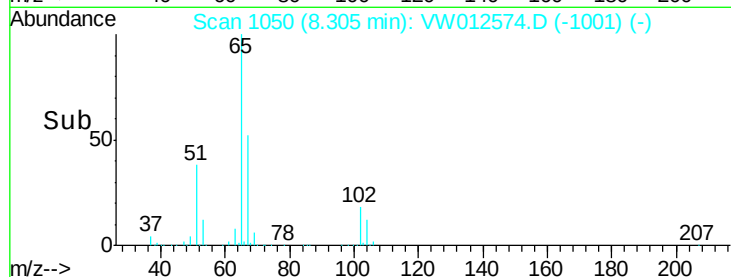
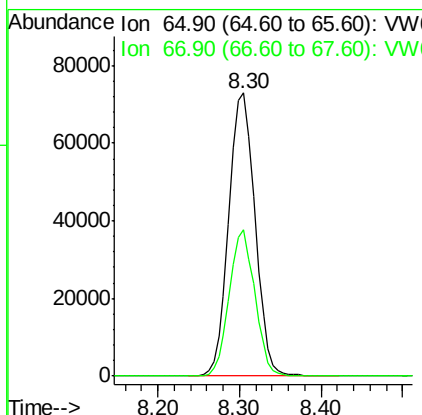
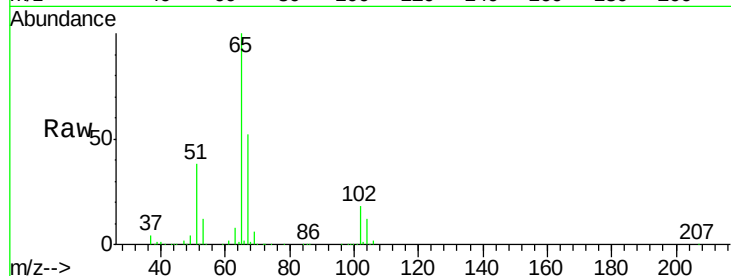




#33
 1,2-Dichloroethane-d4
 Concen: 55.562 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012574.D
 Acq: 04 Sep 2019 04:23

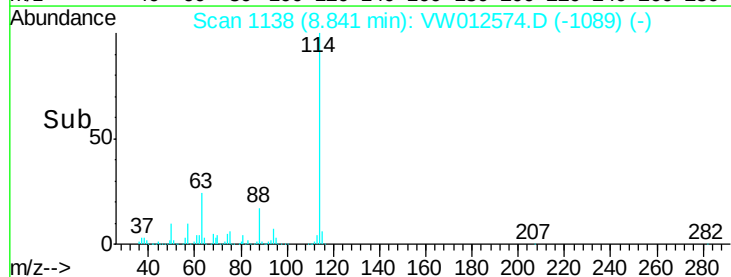
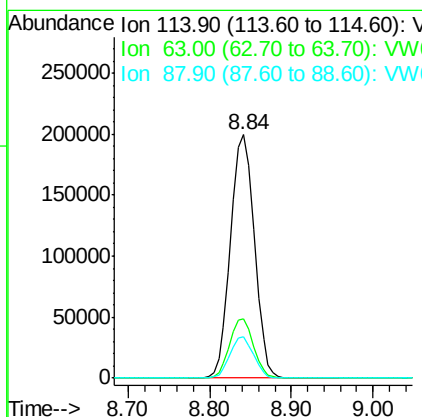
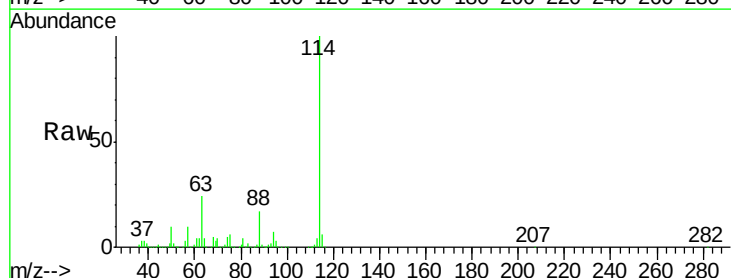
Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-A3-(1.9)

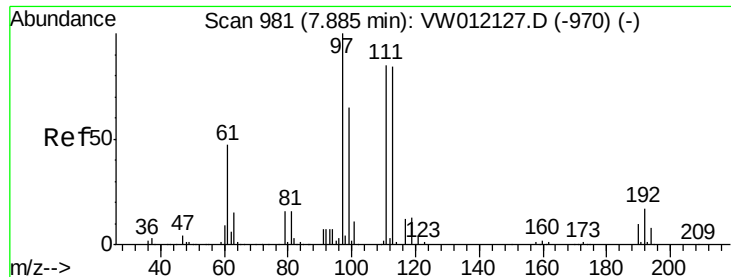
Tot Ion: 65 Resp: 161954
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012574.D
 Acq: 04 Sep 2019 04:23

Tgt Ion: 114 Resp: 402176
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 48.6
 88 16.9 0.0 32.2





#35

Dibromofluoromethane

Concen: 51.283 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012574.D

Acq: 04 Sep 2019 04:23

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-A3-(1.9)

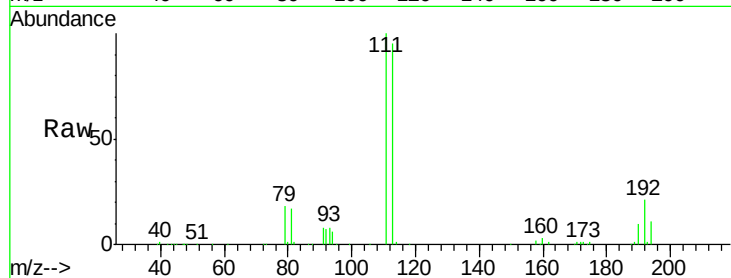
Tot Ion:113 Resp: 123109

Ion Ratio Lower Upper

113 100

111 104.0 82.7 124.1

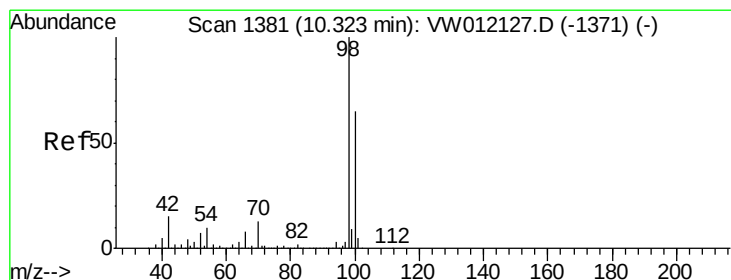
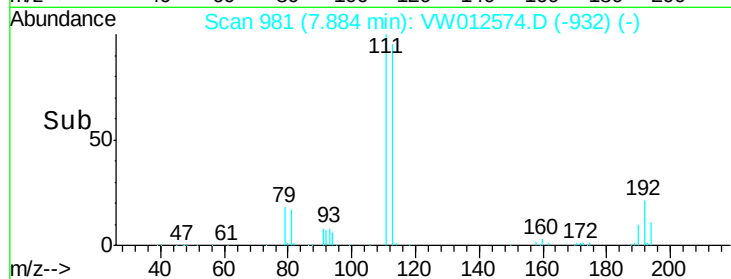
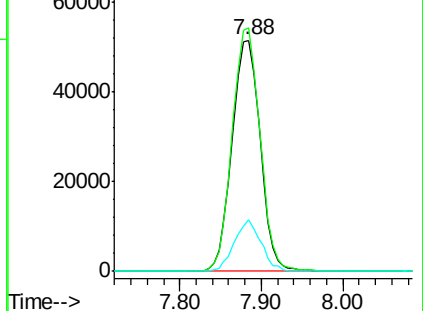
192 21.1 16.2 24.2



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: 49.569 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012574.D

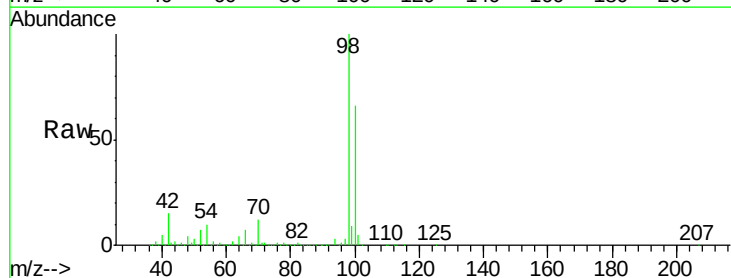
Acq: 04 Sep 2019 04:23

Tgt Ion: 98 Resp: 482496

Ion Ratio Lower Upper

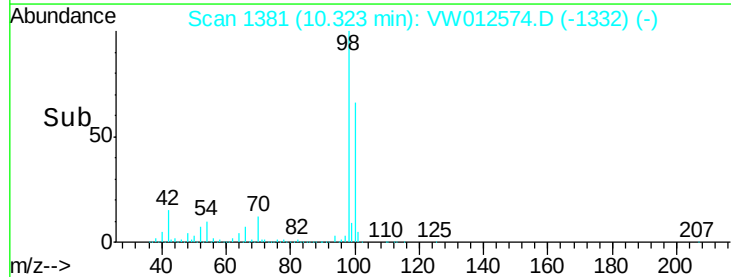
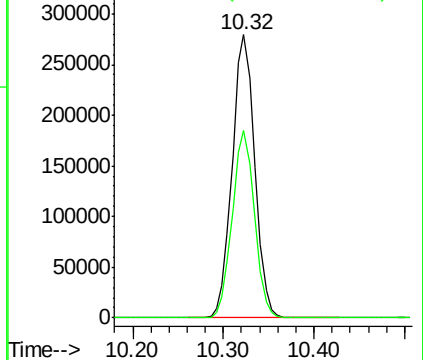
98 100

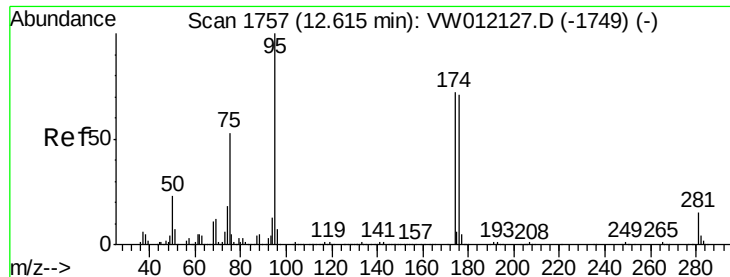
100 65.2 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 42.461 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012574.D

Acq: 04 Sep 2019 04:23

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-A3-(1.9)

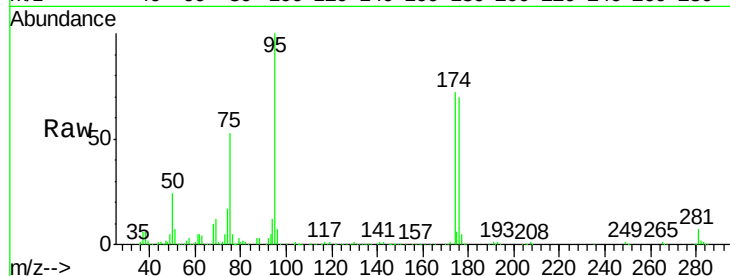
Tot Ion: 95 Resp: 145691

Ion Ratio Lower Upper

95 100

174 78.5 0.0 150.8

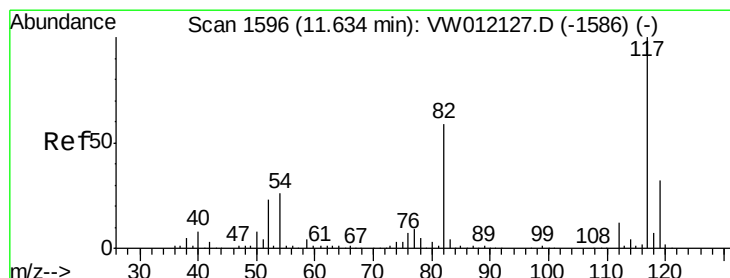
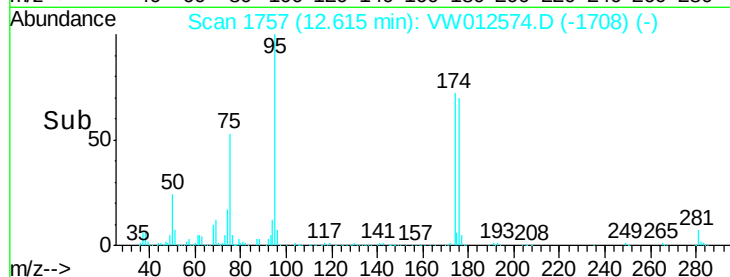
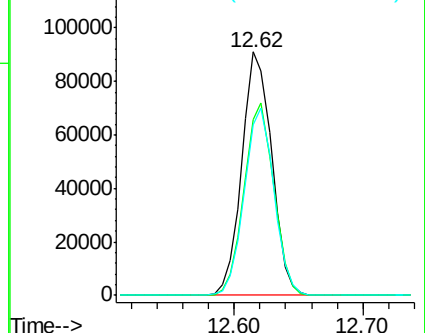
176 76.4 0.0 148.6



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# 1596

Delta R.T. -0.00 min

Lab File: VW012574.D

Acq: 04 Sep 2019 04:23

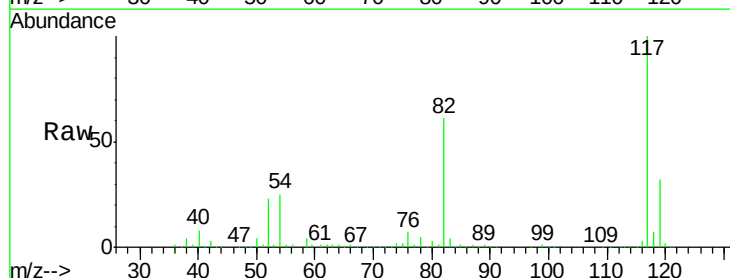
Tgt Ion: 117 Resp: 326538

Ion Ratio Lower Upper

117 100

82 61.2 47.4 71.2

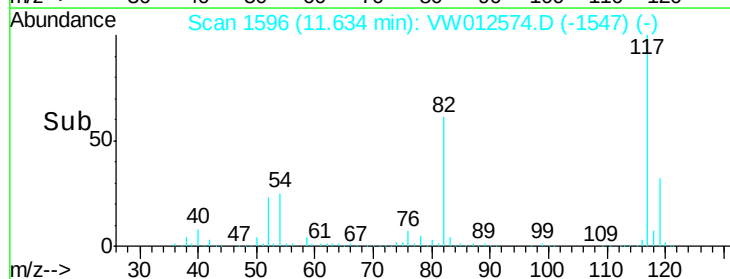
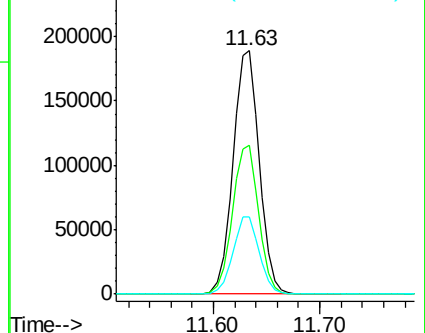
119 31.6 25.4 38.2

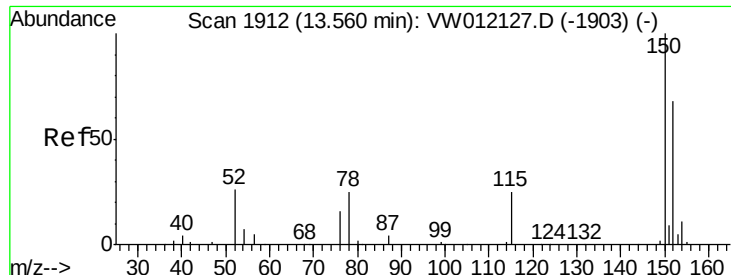


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW012574.D

Acq: 04 Sep 2019 04:23

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-A3-(1.9)

Tot Ion:152 Resp: 120008

Ion Ratio Lower Upper

152 100

115 60.7 30.1 90.3

150 158.3 0.0 345.8

