

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080319\
 Data File : VW011647.D
 Acq On : 03 Aug 2019 04:18
 Operator : SY/VA
 Sample : K4131-13
 Misc : 5.68G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-E2-(0-1)

Quant Time: Aug 04 01:00:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

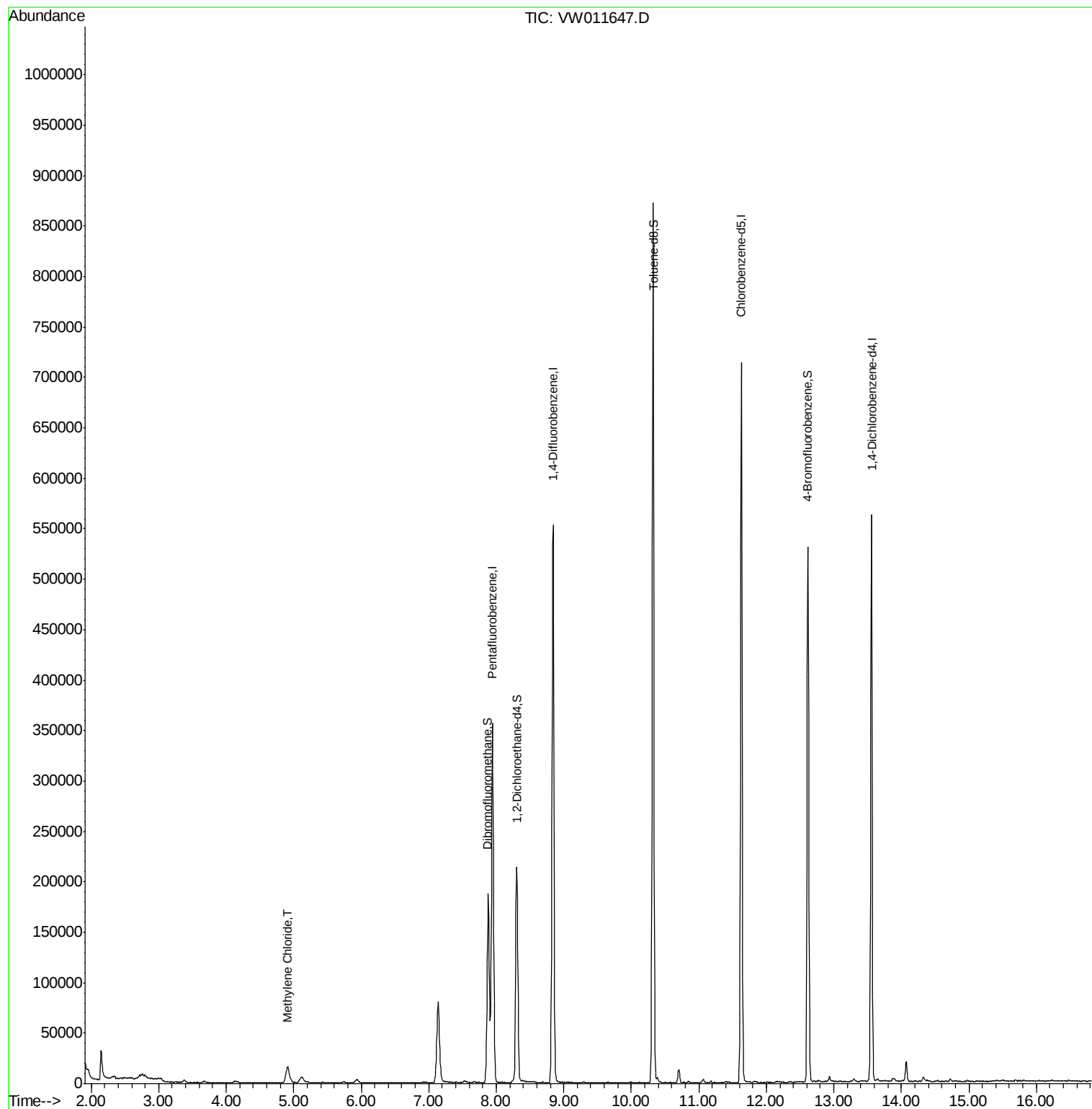
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	256358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	431876	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	371152	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	139606	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	172536	58.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.22%	
35) Dibromofluoromethane	7.88	113	133033	54.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.82%	
50) Toluene-d8	10.32	98	547237	55.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.32%	
62) 4-Bromofluorobenzene	12.62	95	173746	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
Target Compounds						
20) Methylene Chloride	4.91	84	11262	3.487	ug/l #	Qvalue 87

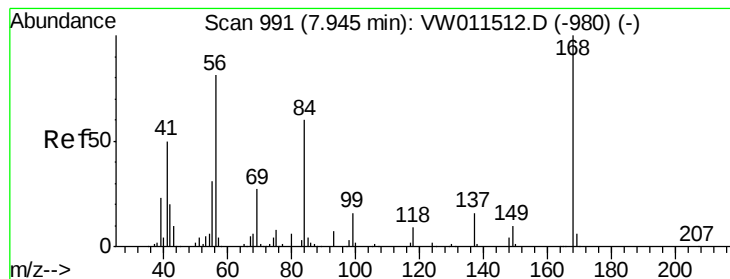
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW011647.D

Acq: 03 Aug 2019 04:18

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MSVOA_W

ClientSampleId :

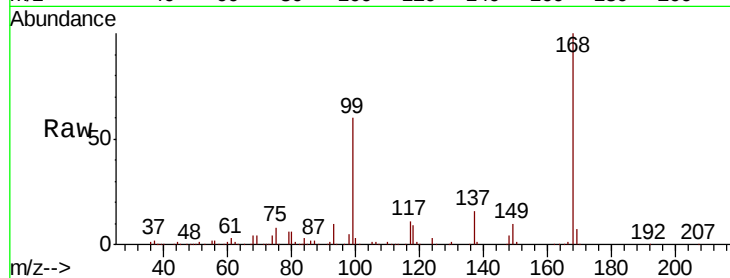
1S-E2-(0-1)

Tot Ion:168 Resp: 256358

Ion Ratio Lower Upper

168 100

99 60.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

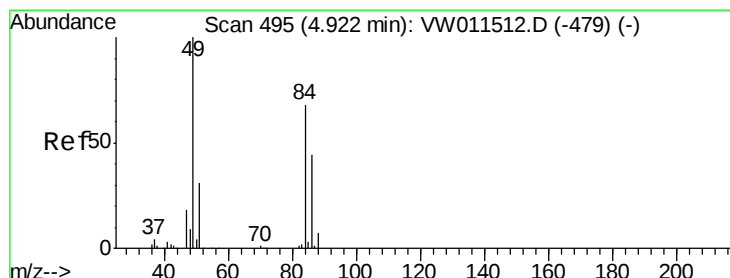
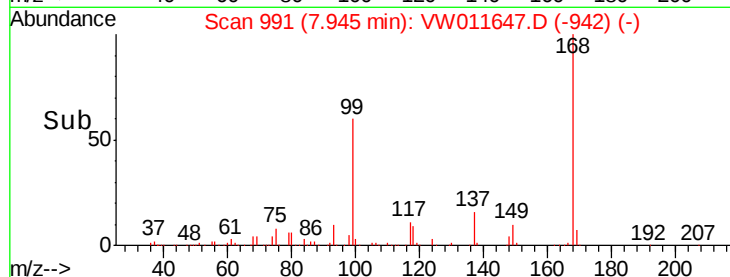
7.95

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 3.487 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW011647.D

Acq: 03 Aug 2019 04:18

Tgt Ion: 84 Resp: 11262

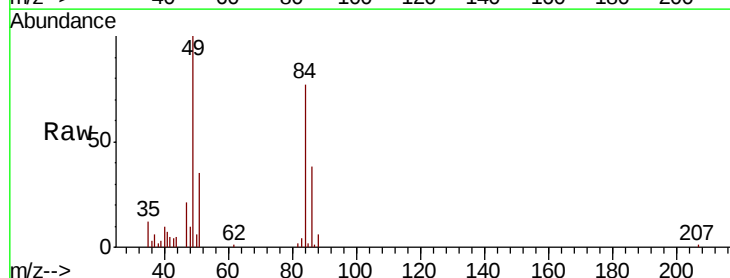
Ion Ratio Lower Upper

84 100

49 129.5 117.8 176.6

51 45.4 37.0 55.4

86 49.0 51.8 77.8#



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

8000

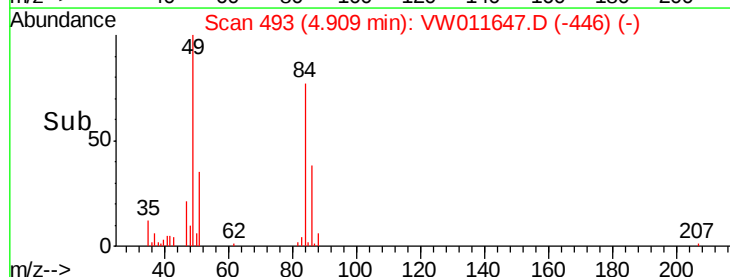
6000

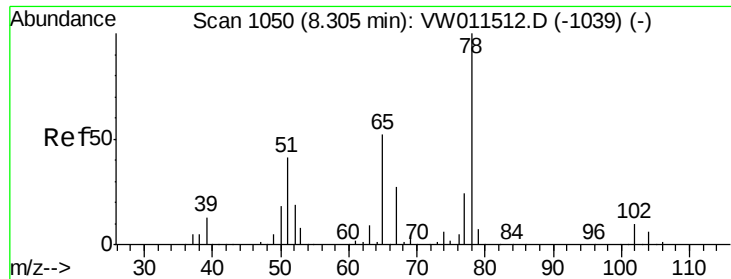
4000

2000

0

Time-->

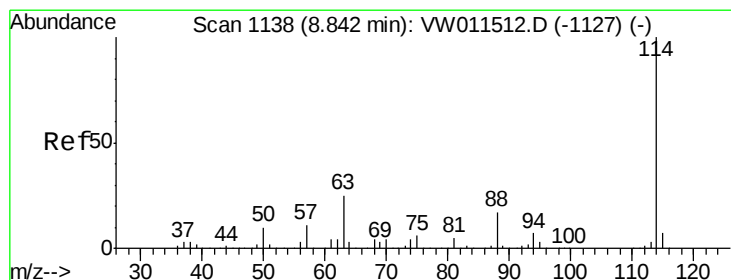
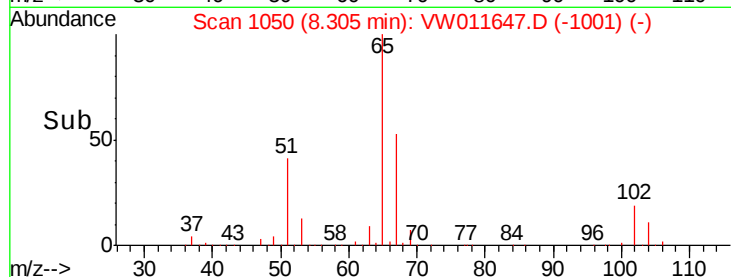
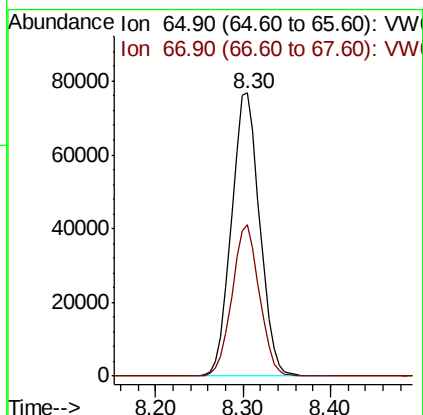
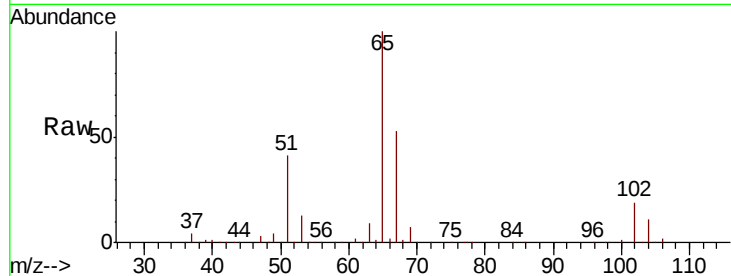




#33
 1,2-Dichloroethane-d4
 Concen: 58.612 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011647.D
 Acq: 03 Aug 2019 04:18

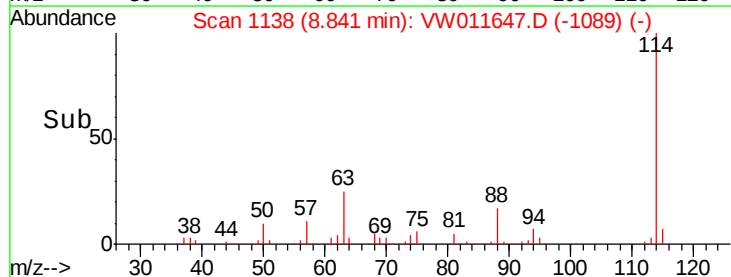
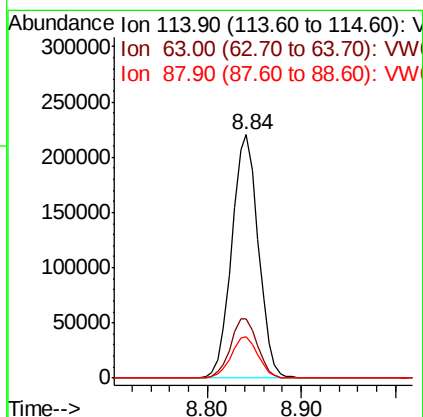
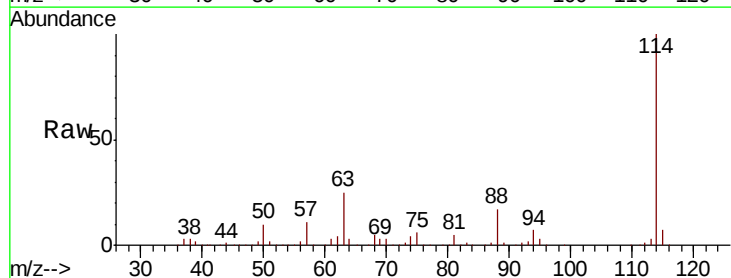
Instrument :
 MSVOA_W
 ClientSampleId :
 1S-E2-(0-1)

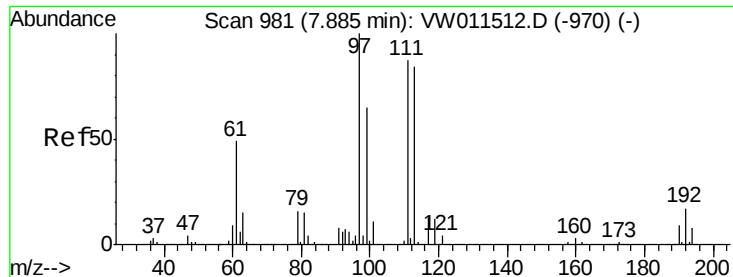
Tot Ion: 65 Resp: 172536
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011647.D
 Acq: 03 Aug 2019 04:18

Tgt Ion: 114 Resp: 431876
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 49.2
 88 16.9 0.0 33.8

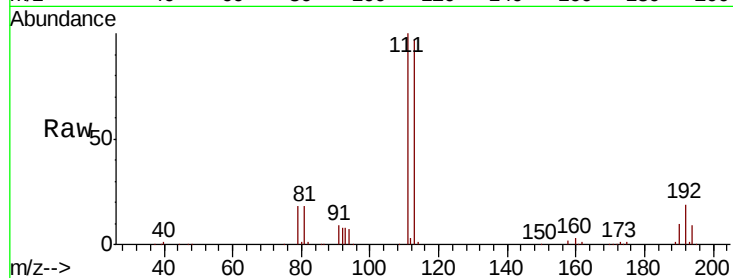




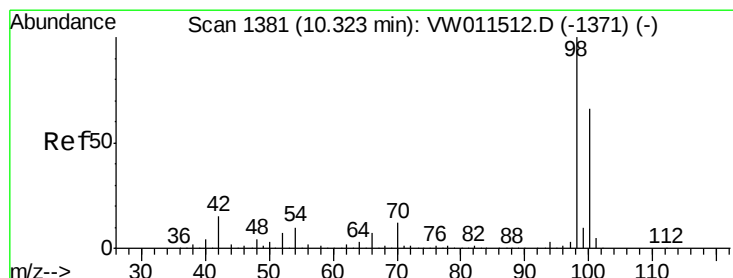
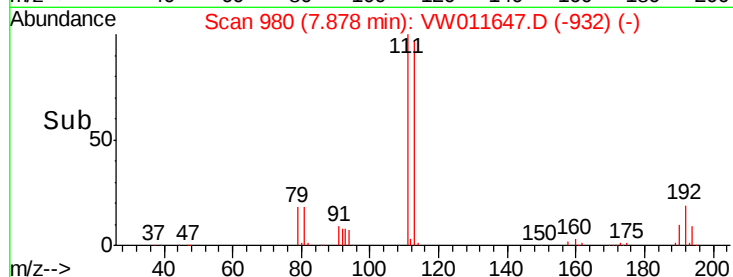
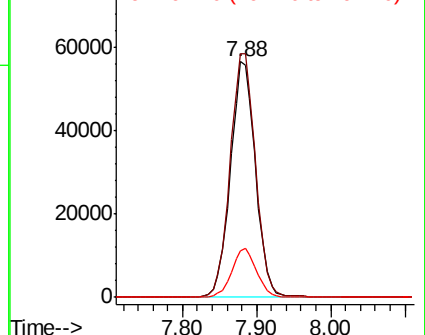
#35
 Dibromofluoromethane
 Concen: 54.906 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011647.D
 Acq: 03 Aug 2019 04:18

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-E2-(0-1)

Tot Ion:113 Resp: 133033
 Ion Ratio Lower Upper
 113 100
 111 104.5 82.7 124.1
 192 20.5 16.1 24.1

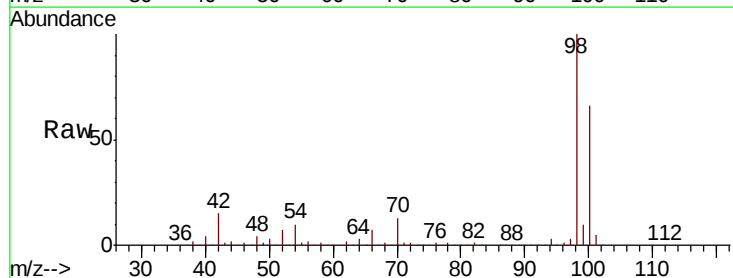


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

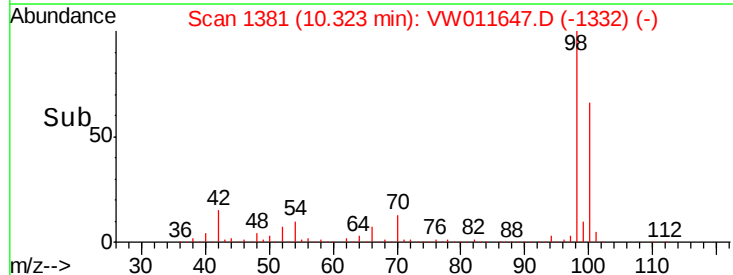
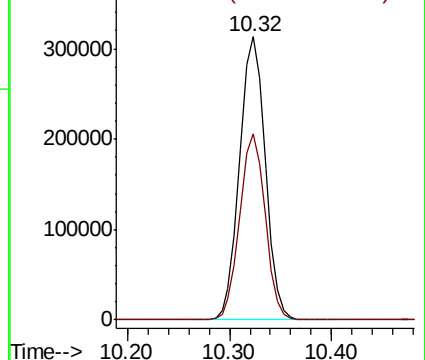


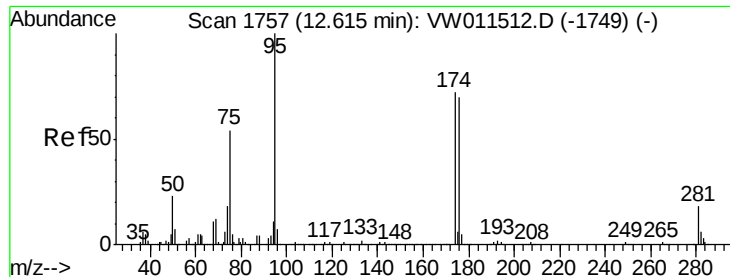
#50
 Toluene-d8
 Concen: 55.165 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW011647.D
 Acq: 03 Aug 2019 04:18

Tgt Ion: 98 Resp: 547237
 Ion Ratio Lower Upper
 98 100
 100 64.8 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW

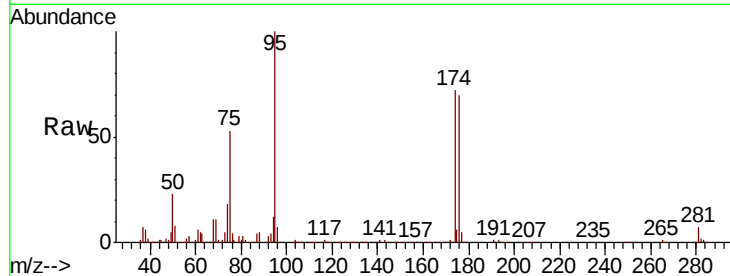




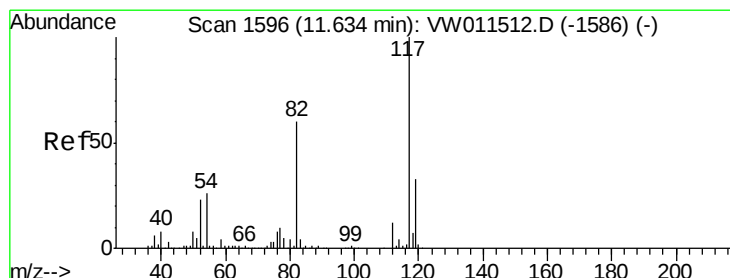
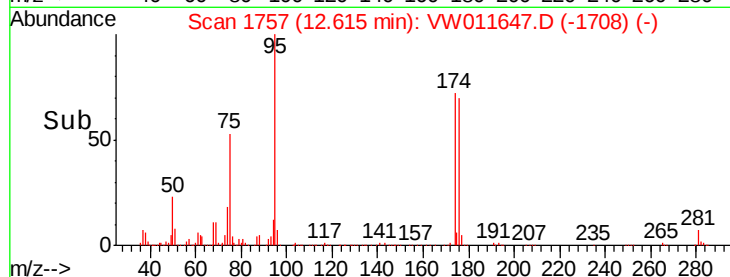
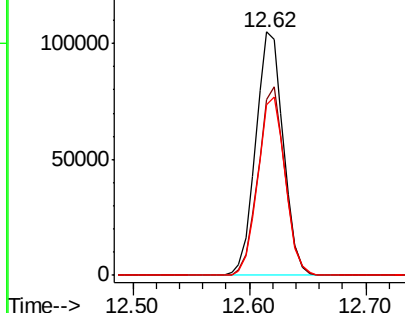
#62
4-Bromofluorobenzene
Concen: 49.127 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW011647.D
Acq: 03 Aug 2019 04:18

Instrument :
MSVOA_W
ClientSampled :
1S-E2-(0-1)

Tot Ion: 95 Resp: 173746
Ion Ratio Lower Upper
95 100
174 75.0 0.0 150.2
176 72.7 0.0 144.4

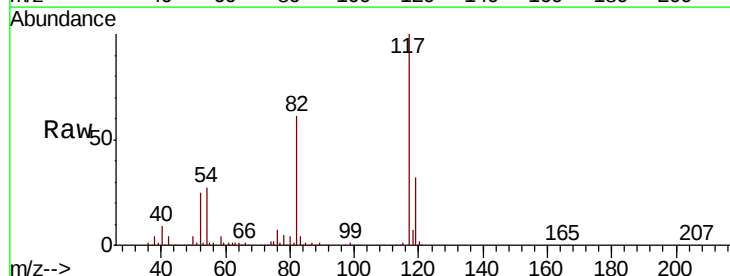


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

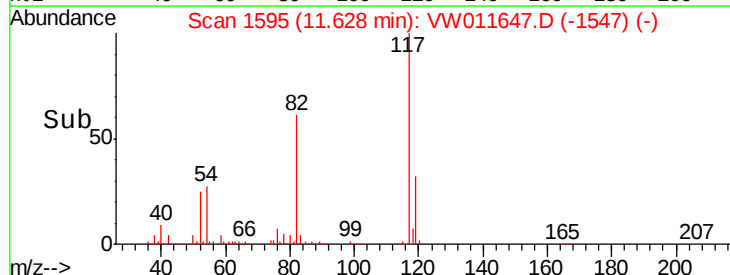
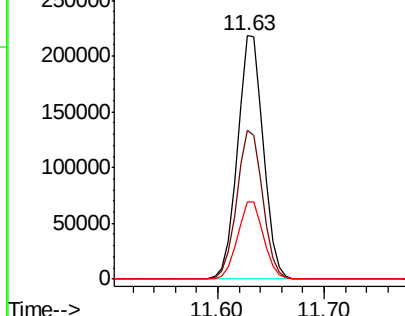


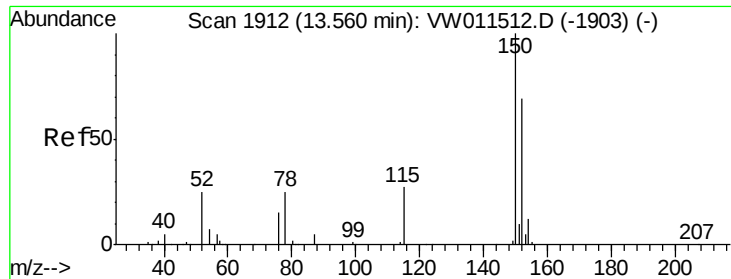
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011647.D
Acq: 03 Aug 2019 04:18

Tgt Ion: 117 Resp: 371152
Ion Ratio Lower Upper
117 100
82 61.1 47.9 71.9
119 31.6 26.2 39.2



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: VW011647.D

Acq: 03 Aug 2019 04:18

Instrument :

MSVOA_W

ClientSampleId :

1S-E2-(0-1)

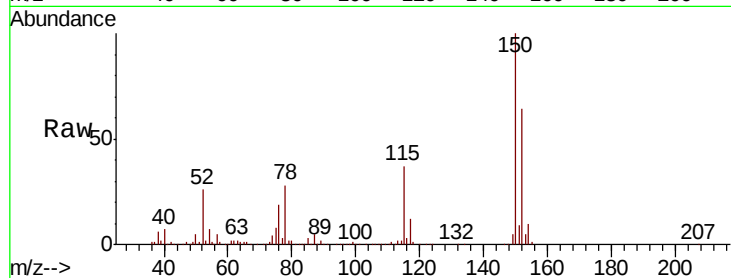
Tot Ion:152 Resp: 139606

Ion Ratio Lower Upper

152 100

115 60.3 30.5 91.5

150 156.8 0.0 352.6



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

