

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090519\
 Data File : VW012671.D
 Acq On : 06 Sep 2019 05:13
 Operator : SY/VA
 Sample : K4579-16
 Misc : 3.60G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-12-B4-(3.5)

Quant Time: Sep 06 08:49:54 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

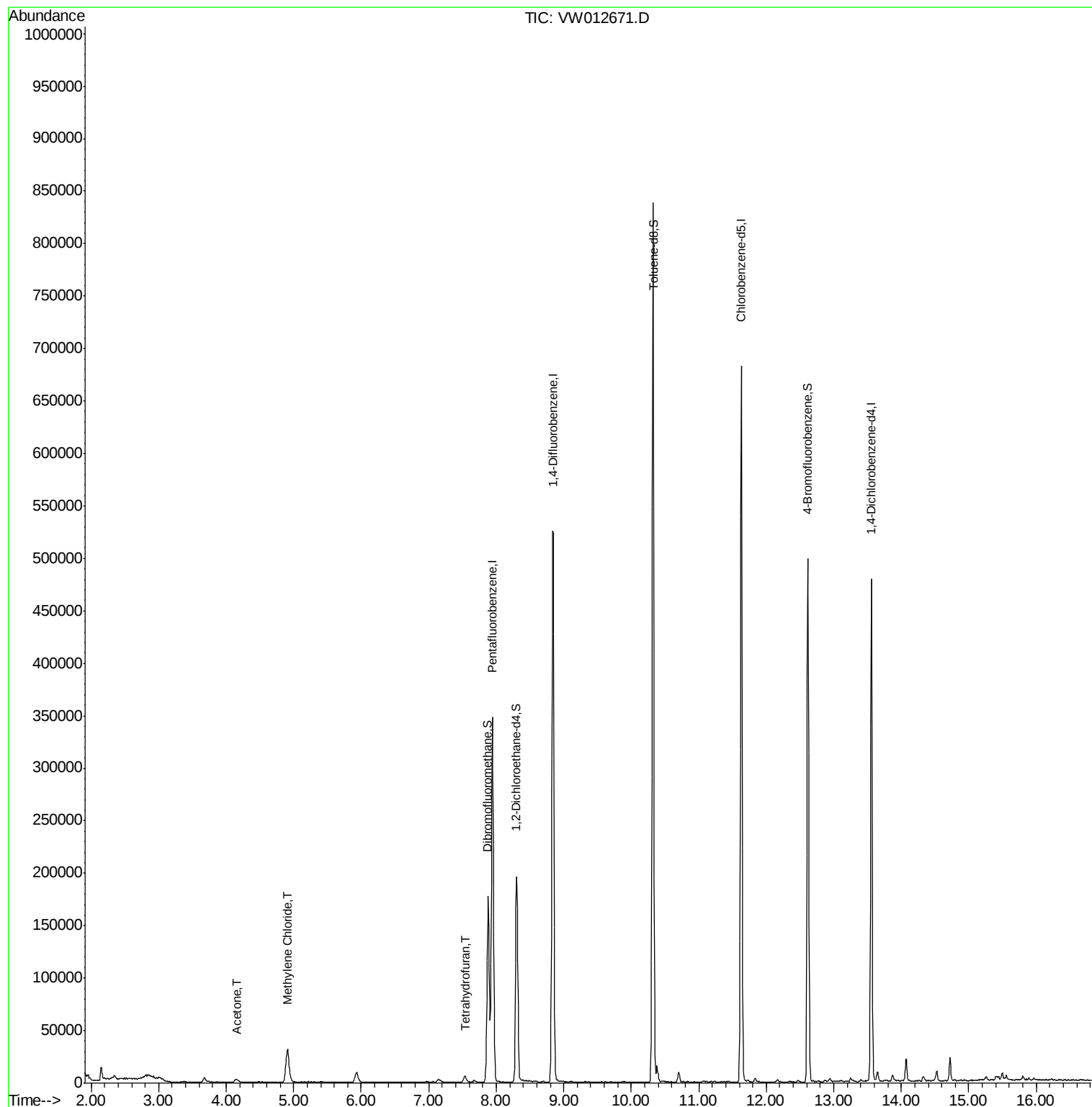
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	254695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	427083	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	356279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	124270	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	168369	55.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.22%	
35) Dibromofluoromethane	7.88	113	124401	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
50) Toluene-d8	10.32	98	528924	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
62) 4-Bromofluorobenzene	12.62	95	153264	42.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.12%	
Target Compounds						
16) Acetone	4.15	43	6383	8.247	ug/l	94
20) Methylene Chloride	4.92	84	22764	7.780	ug/l #	91
29) Tetrahydrofuran	7.54	42	5426	8.599	ug/l #	92

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090519\
Data File : VW012671.D
Acq On : 06 Sep 2019 05:13
Operator : SY/VA
Sample : K4579-16
Misc : 3.60G/5ML/MSVOA W/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
PAR-12-B4-(3.5)

Quant Time: Sep 06 08:49:54 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012671.D

Acq: 06 Sep 2019 05:13

Instrument :

MSVOA_W

ClientSampleId :

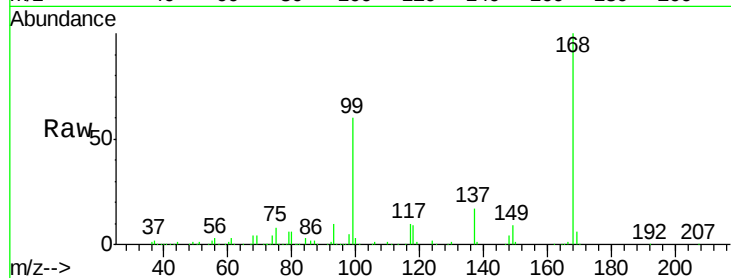
PAR-12-B4-(3.5)

Tot Ion:168 Resp: 254695

Ion Ratio Lower Upper

168 100

99 59.9 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

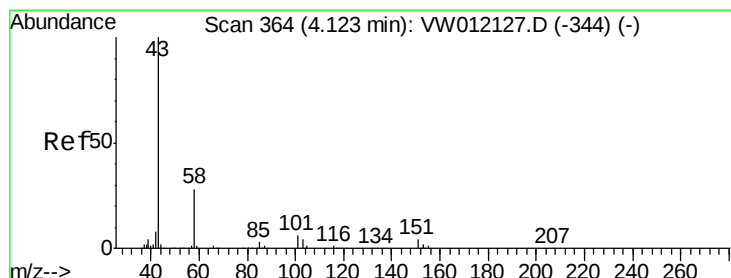
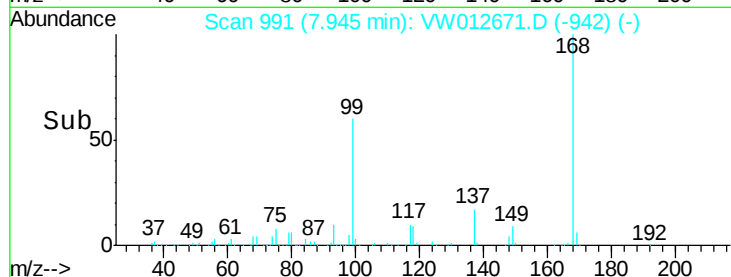
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 8.247 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.03 min

Lab File: VW012671.D

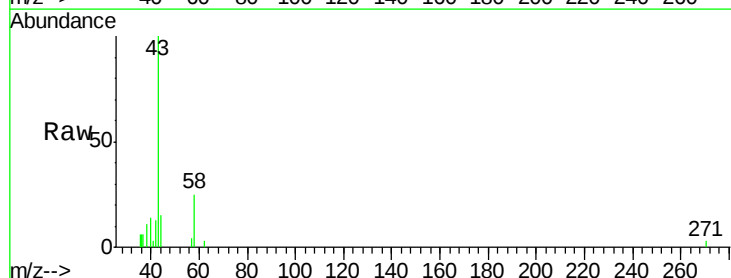
Acq: 06 Sep 2019 05:13

Tgt Ion: 43 Resp: 6383

Ion Ratio Lower Upper

43 100

58 24.7 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

2000

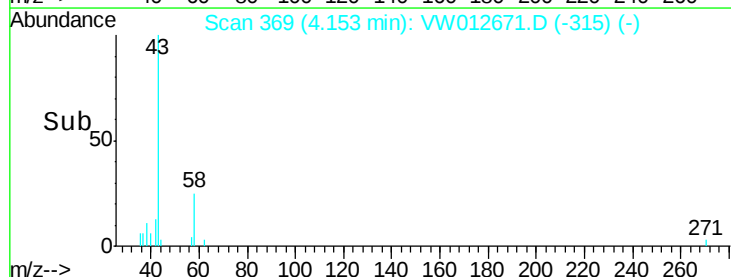
1500

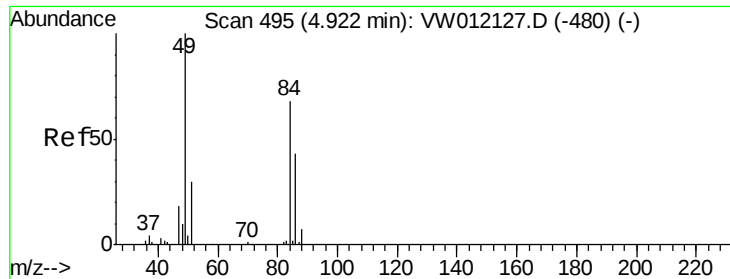
1000

500

0

Time--> 4.00 4.10 4.20

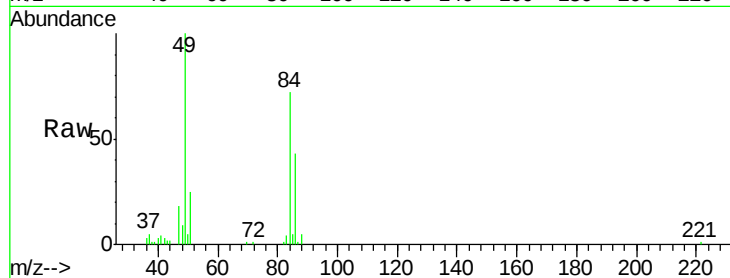




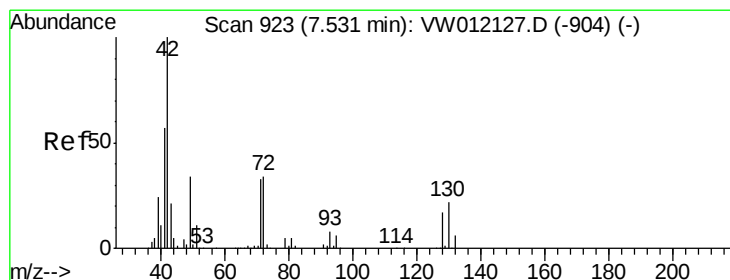
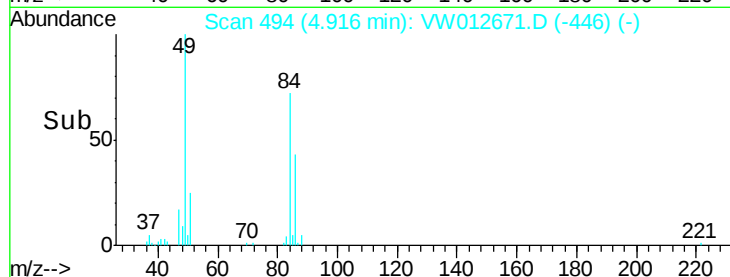
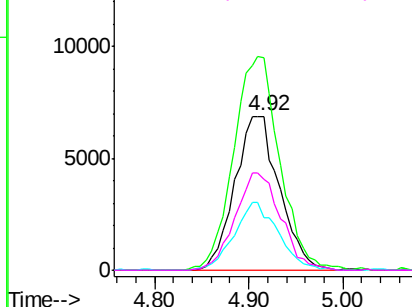
#20
Methvlene Chloride
Concen: 7.780 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012671.D
Acq: 06 Sep 2019 05:13

Instrument :
MSVOA_W
ClientSampleId :
PAR-12-B4-(3.5)

Tot Ion: 84 Resp: 22764
Ion Ratio Lower Upper
84 100
49 137.4 117.8 176.8
51 34.5 35.6 53.4#
86 59.2 51.2 76.8

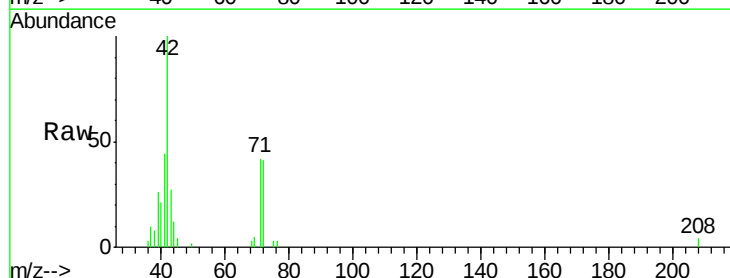


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

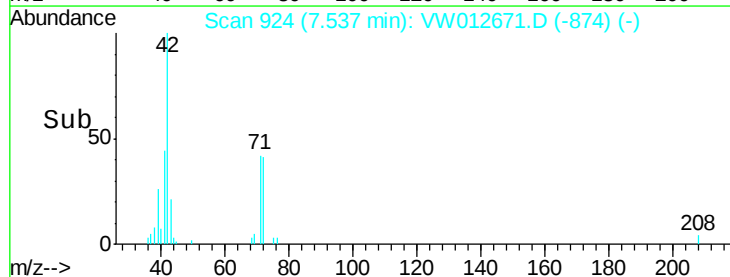
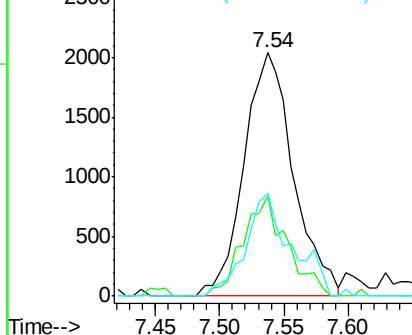


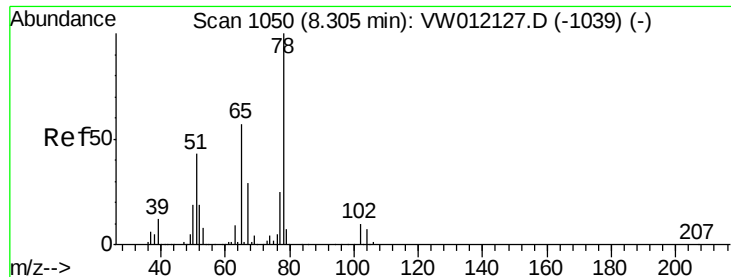
#29
Tetrahydrofuran
Concen: 8.599 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012671.D
Acq: 06 Sep 2019 05:13

Tgt Ion: 42 Resp: 5426
Ion Ratio Lower Upper
42 100
72 36.6 27.3 40.9
71 38.8 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

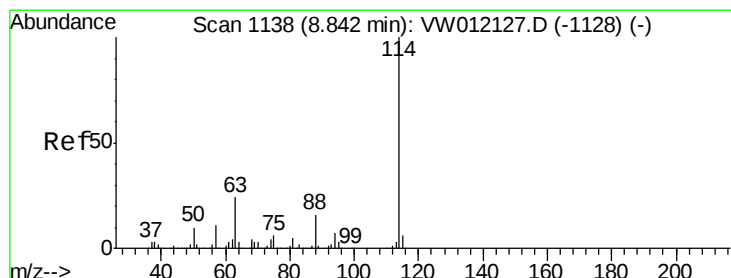
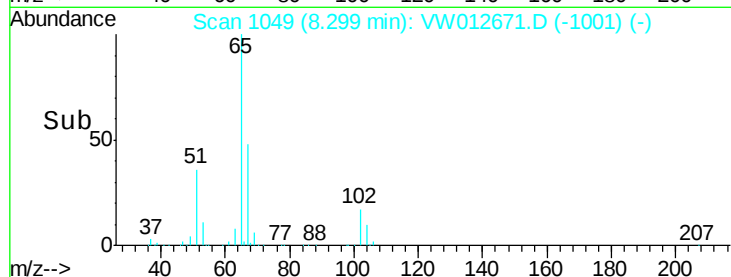
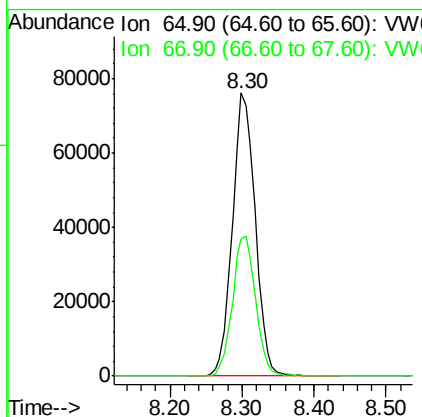
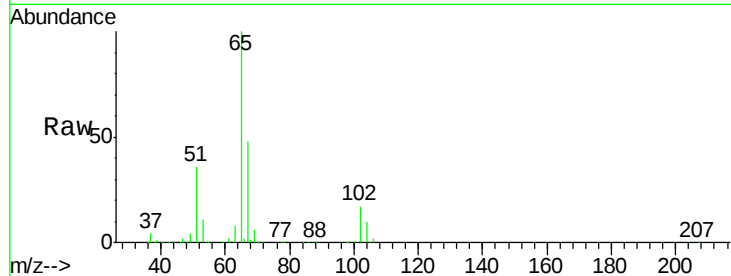




#33
 1,2-Dichloroethane-d4
 Concen: 55.610 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012671.D
 Acq: 06 Sep 2019 05:13

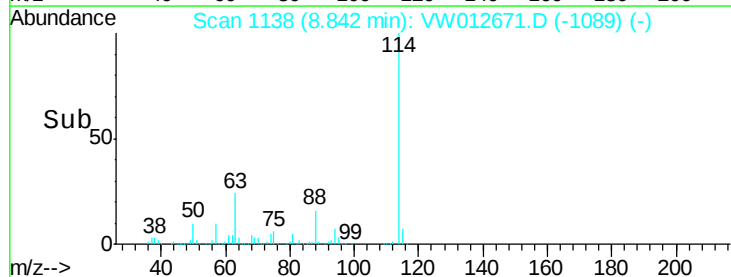
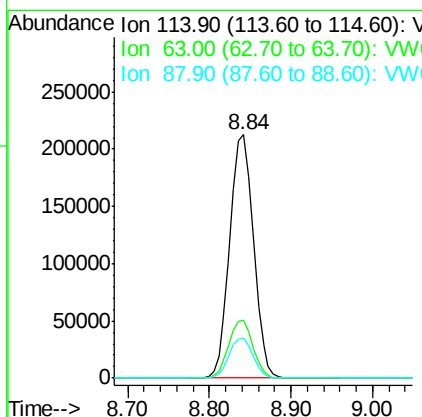
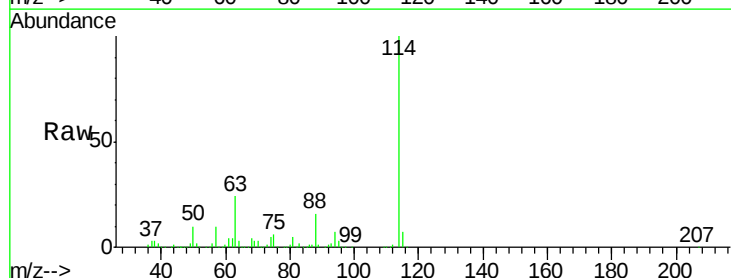
Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-12-B4-(3.5)

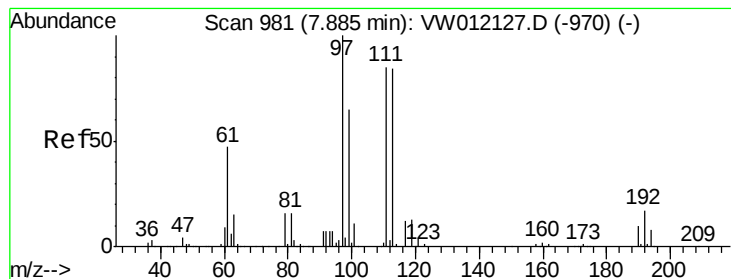
Tot Ion: 65 Resp: 168369
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012671.D
 Acq: 06 Sep 2019 05:13

Tgt Ion: 114 Resp: 427083
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 48.6
 88 16.4 0.0 32.2





#35

Dibromofluoromethane

Concen: 48.799 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012671.D

Acq: 06 Sep 2019 05:13

Instrument :

MSVOA_W

ClientSampleId :

PAR-12-B4-(3.5)

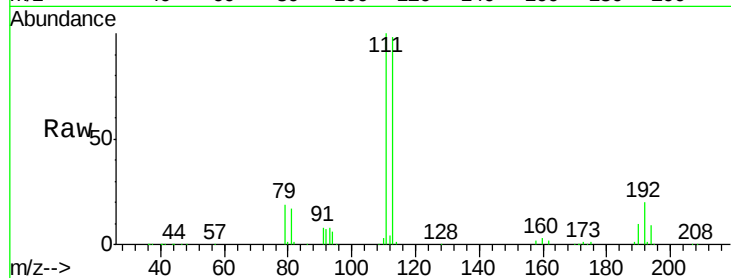
Tot Ion:113 Resp: 124401

Ion Ratio Lower Upper

113 100

111 104.1 82.7 124.1

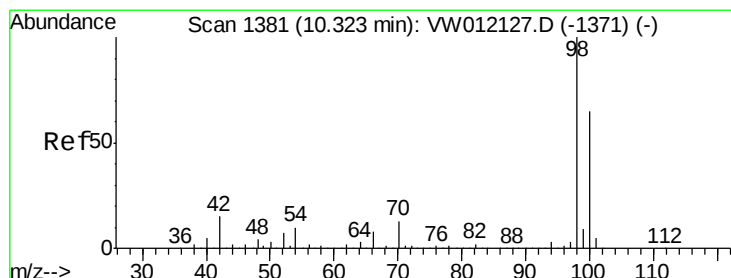
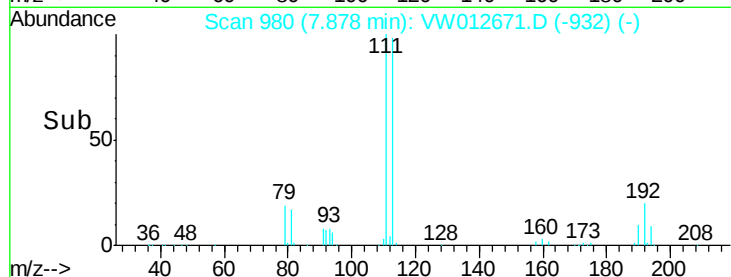
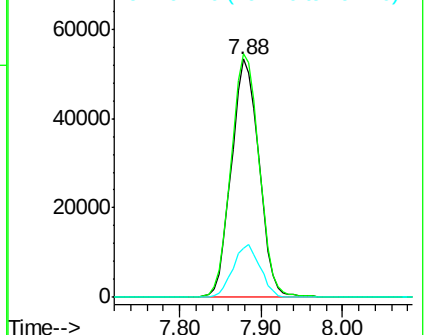
192 21.6 16.2 24.2



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: 51.170 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012671.D

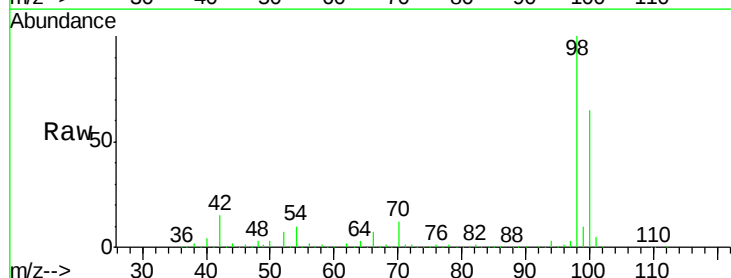
Acq: 06 Sep 2019 05:13

Tgt Ion: 98 Resp: 528924

Ion Ratio Lower Upper

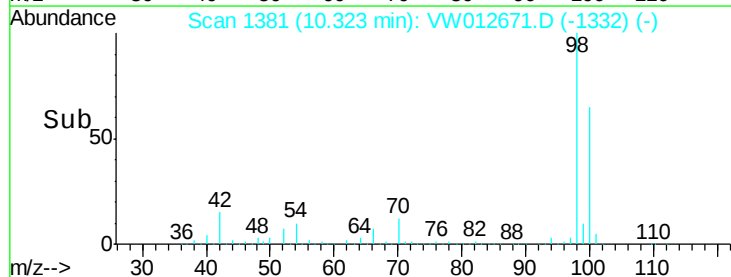
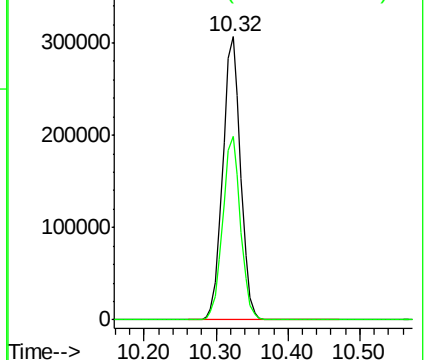
98 100

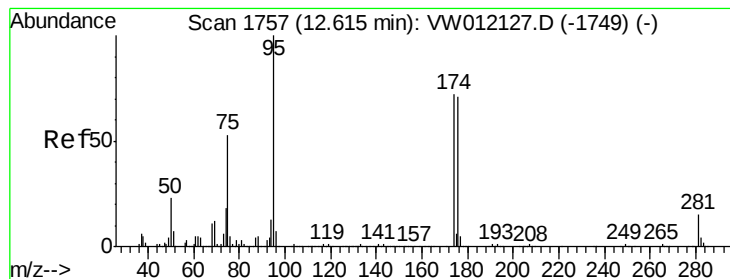
100 64.5 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 42.064 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012671.D

Acq: 06 Sep 2019 05:13

Instrument :

MSVOA_W

ClientSampleId :

PAR-12-B4-(3.5)

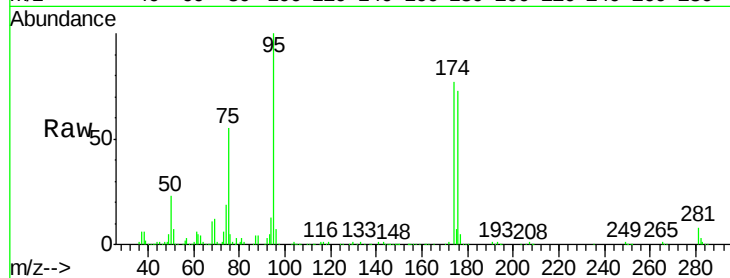
Tot Ion: 95 Resp: 153264

Ion Ratio Lower Upper

95 100

174 80.2 0.0 150.8

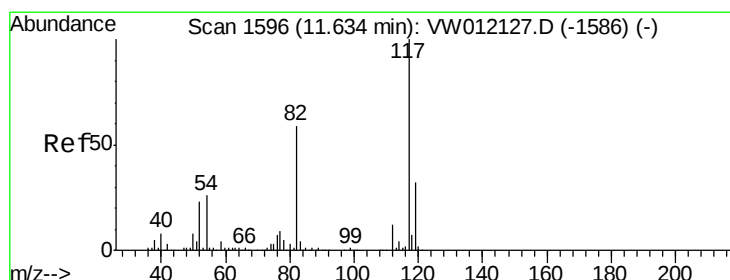
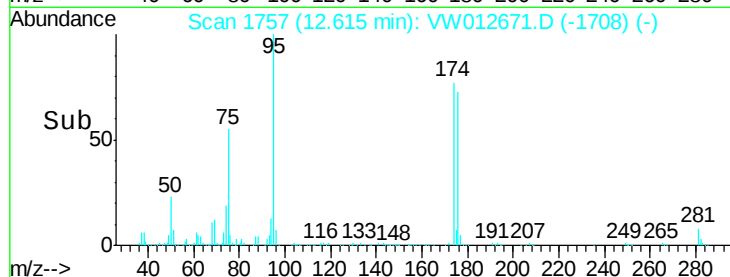
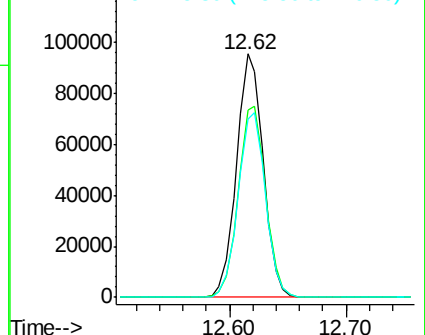
176 77.6 0.0 148.6



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: VW012671.D

Acq: 06 Sep 2019 05:13

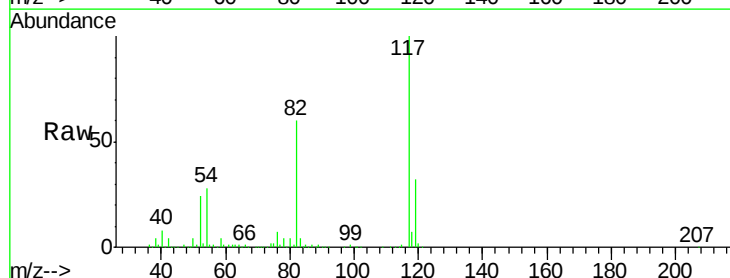
Tgt Ion: 117 Resp: 356279

Ion Ratio Lower Upper

117 100

82 60.3 47.4 71.2

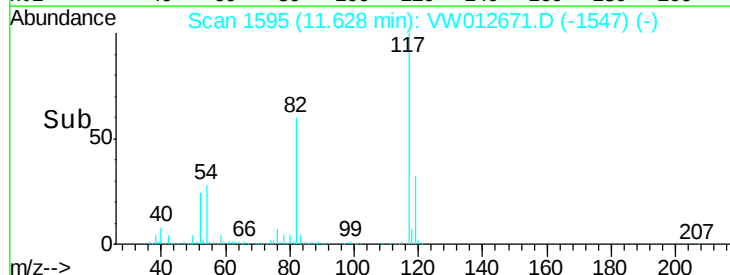
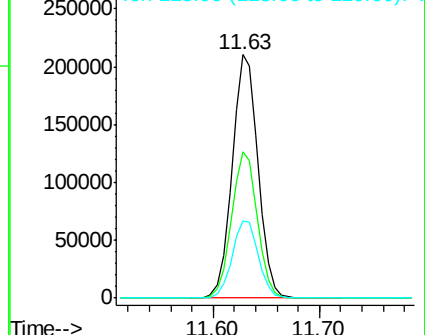
119 31.5 25.4 38.2

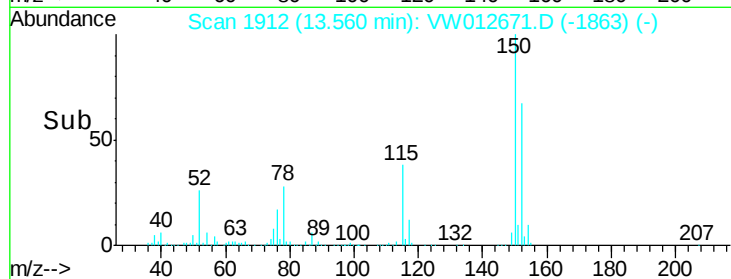
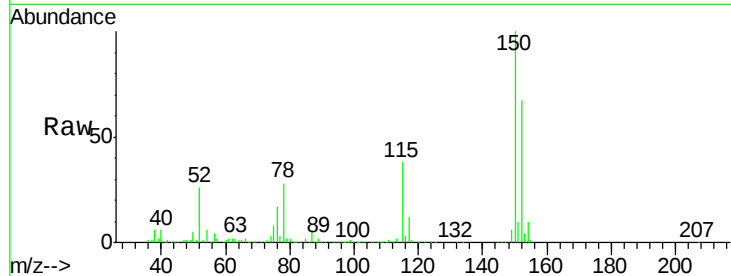
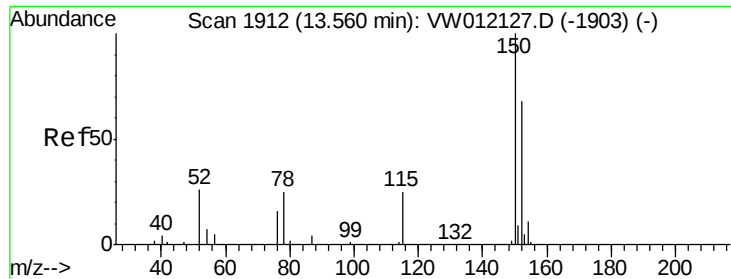


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW012671.D

Acq: 06 Sep 2019 05:13

Instrument :

MSVOA_W

ClientSampleId :

PAR-12-B4-(3.5)

Tot Ion:152 Resp: 124270

Ion Ratio Lower Upper

152 100

115 58.6 30.1 90.3

150 152.8 0.0 345.8

