

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091019\
 Data File : VW012887.D
 Acq On : 11 Sep 2019 00:10
 Operator : SY/VA
 Sample : K4664-01
 Misc : 5.46G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-03-090619

Quant Time: Sep 11 08:53:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

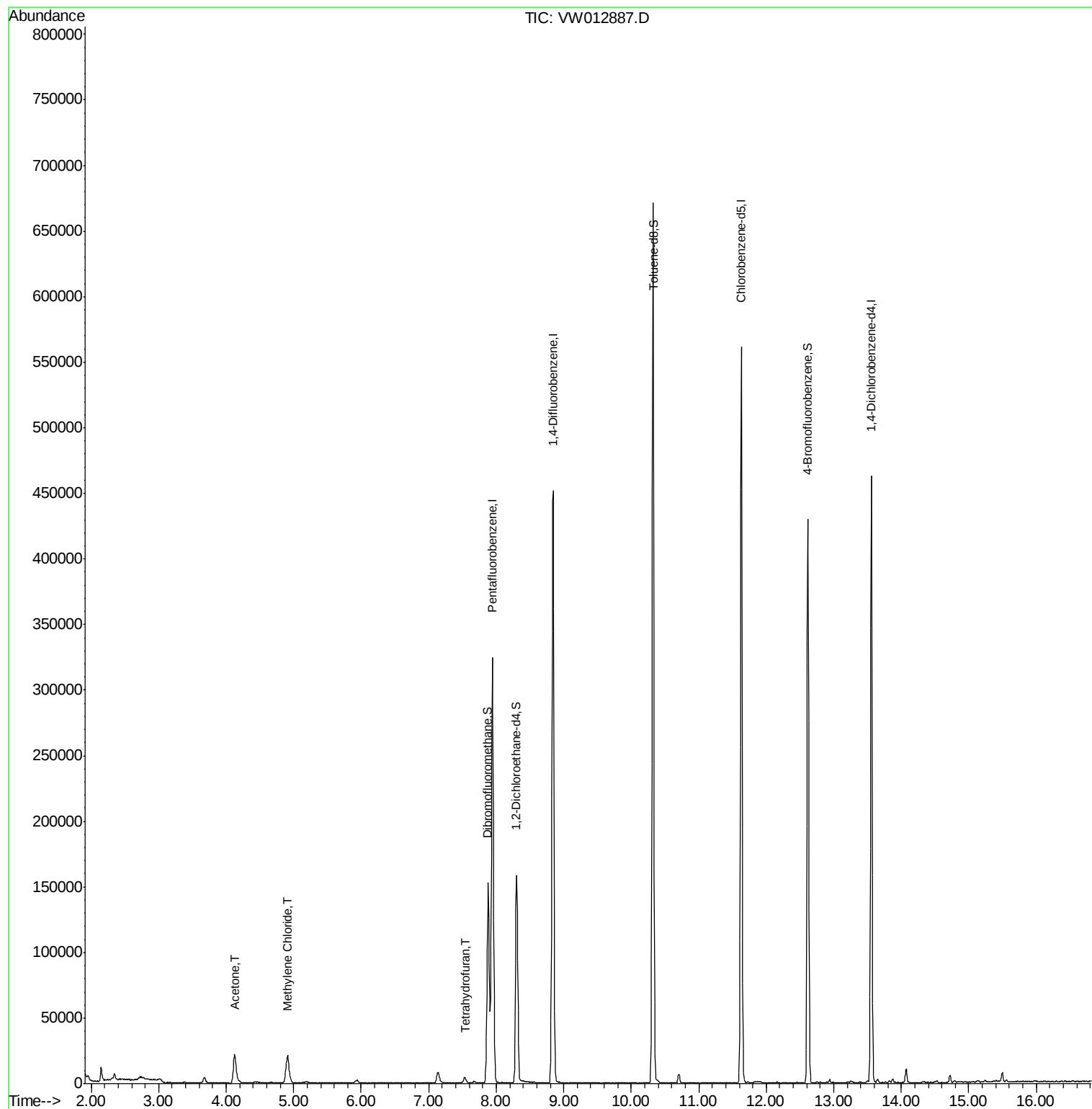
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	246976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	371849	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	312894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	122028	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	132252	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
35) Dibromofluoromethane	7.88	113	109947	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.46%	
50) Toluene-d8	10.32	98	440755	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.78%	
62) 4-Bromofluorobenzene	12.62	95	137381	43.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.38%	
Target Compounds						
16) Acetone	4.12	43	43185	57.404	ug/l	97
20) Methylene Chloride	4.91	84	15728	6.683	ug/l	94
29) Tetrahydrofuran	7.54	42	3719	6.122	ug/l	97

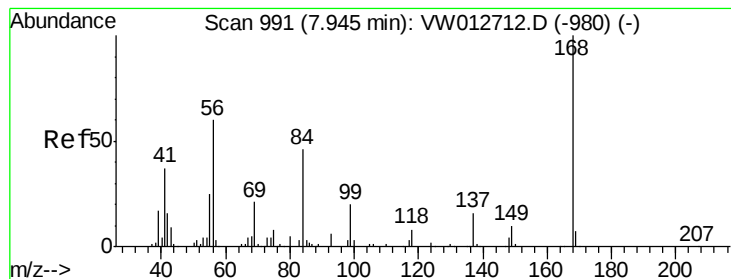
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012887.D

Acq: 11 Sep 2019 00:10

Instrument :

MSVOA_W

ClientSampleId :

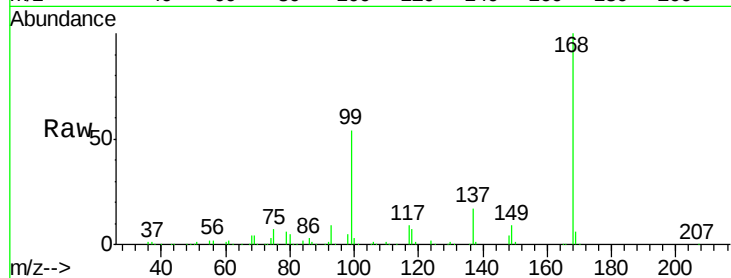
OR-03-090619

Tot Ion:168 Resp: 246976

Ion Ratio Lower Upper

168 100

99 54.3 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

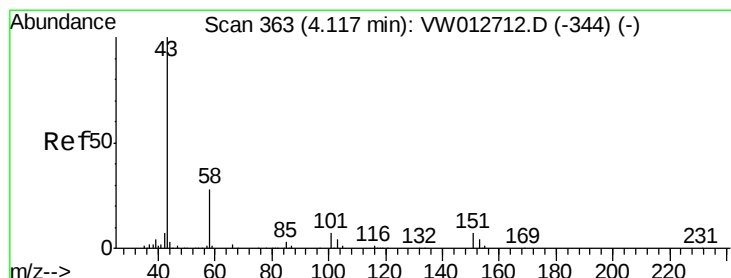
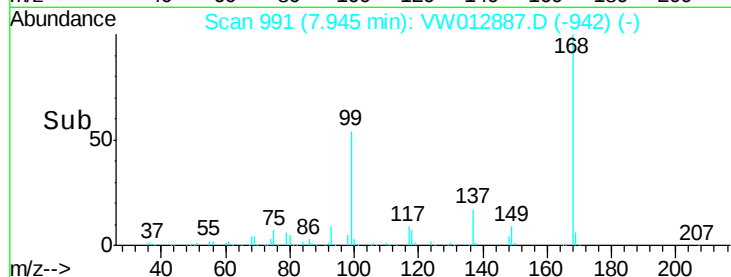
100000

50000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 57.404 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW012887.D

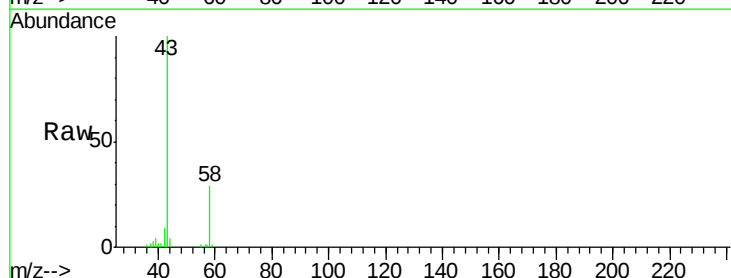
Acq: 11 Sep 2019 00:10

Tgt Ion: 43 Resp: 43185

Ion Ratio Lower Upper

43 100

58 29.7 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

15000

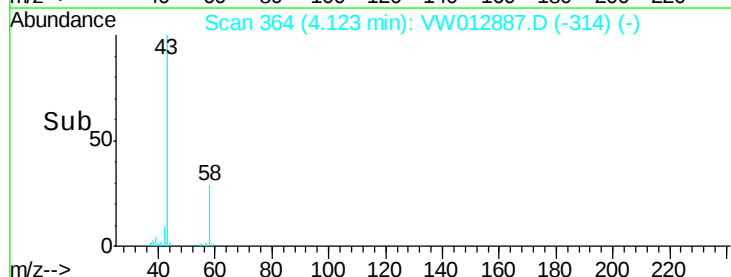
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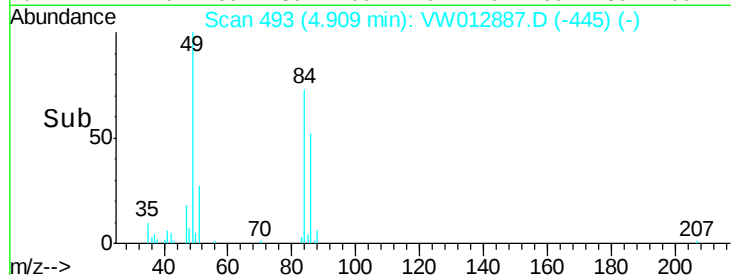
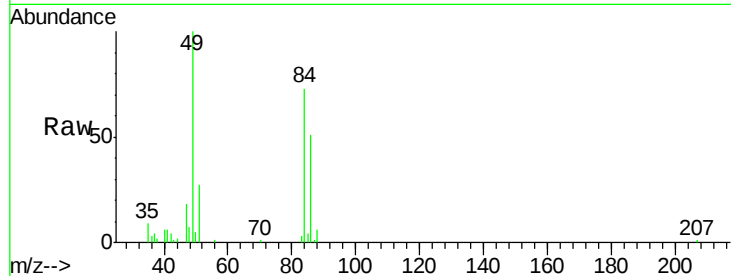
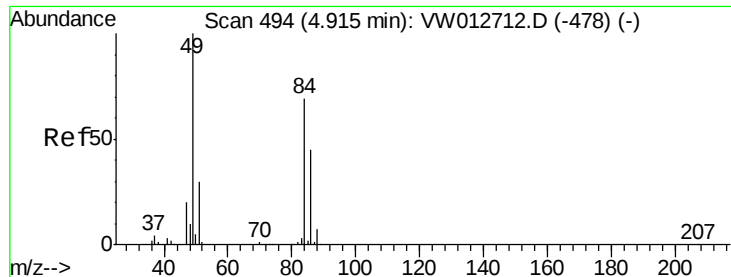
5000

0

4.00 4.10 4.20 4.30

Time-->

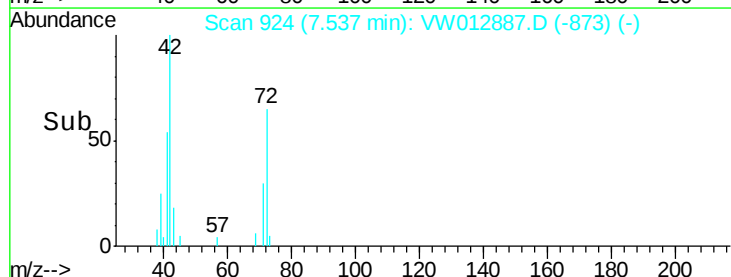
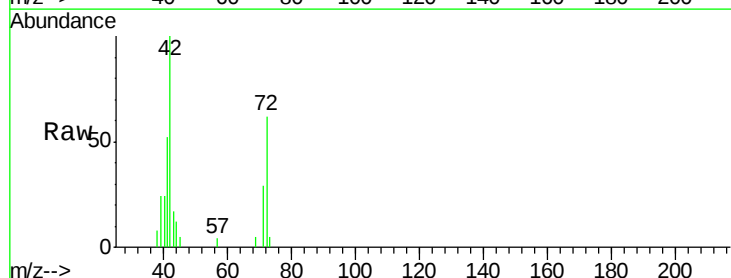
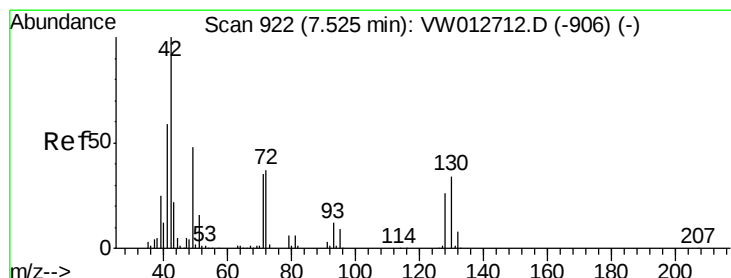
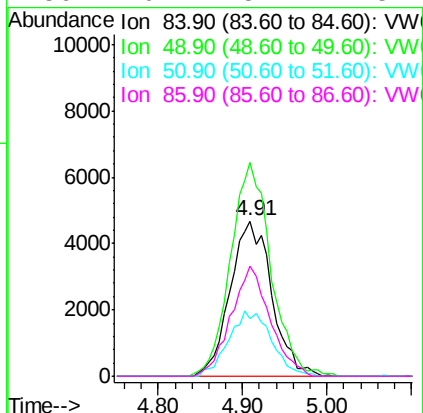




#20
Methvlene Chloride
Concen: 6.683 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012887.D
Acq: 11 Sep 2019 00:10

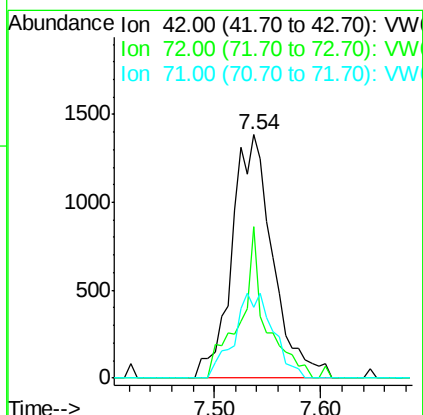
Instrument :
MSVOA_W
ClientSampleId :
OR-03-090619

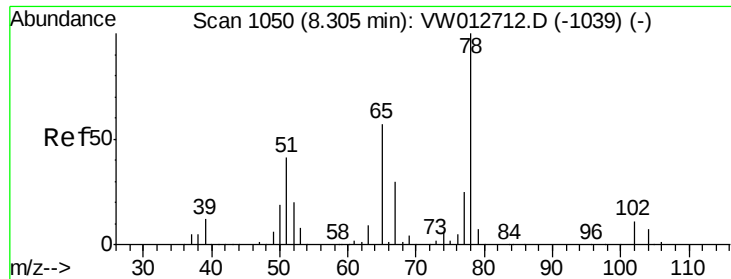
Tot Ion:	84	Resp:	15728
Ion	Ratio	Lower	Upper
84	100		
49	137.6	115.4	173.0
51	37.4	34.9	52.3
86	70.7	52.2	78.4



#29
Tetrahydrofuran
Concen: 6.122 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012887.D
Acq: 11 Sep 2019 00:10

Tgt Ion:	42	Resp:	3719
Ion	Ratio	Lower	Upper
42	100		
72	38.8	28.4	42.6
71	33.5	27.1	40.7

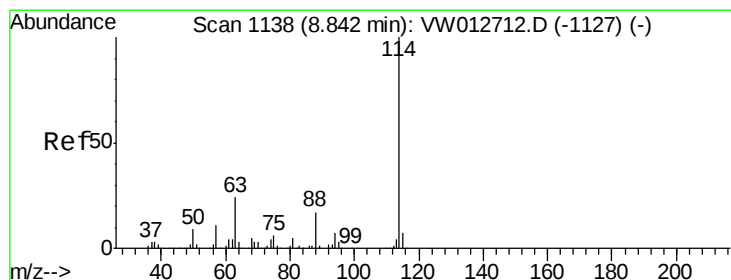
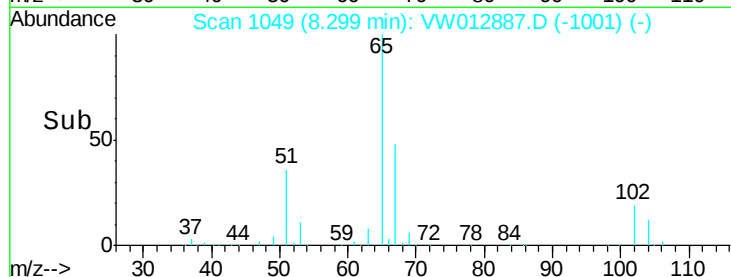
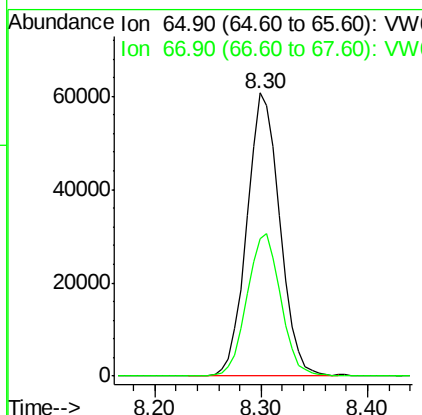
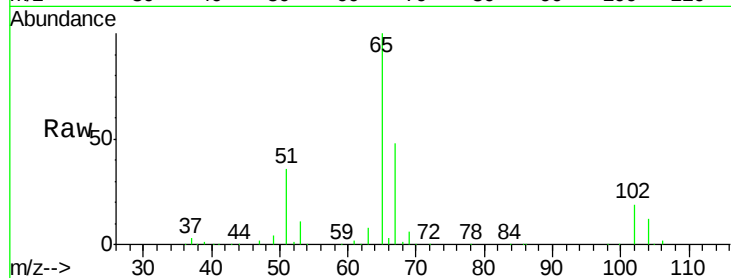




#33
 1,2-Dichloroethane-d4
 Concen: 47.925 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012887.D
 Acq: 11 Sep 2019 00:10

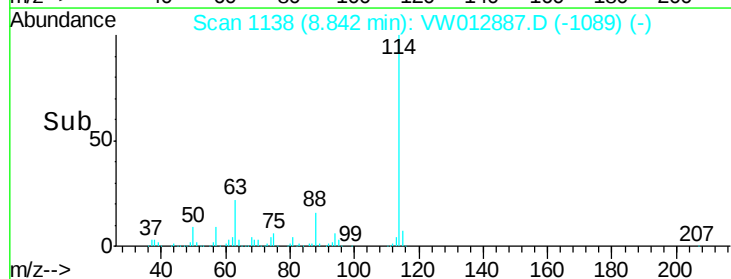
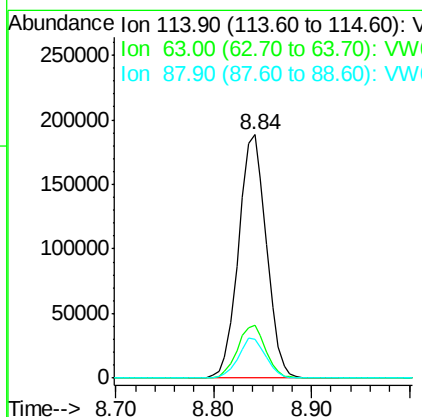
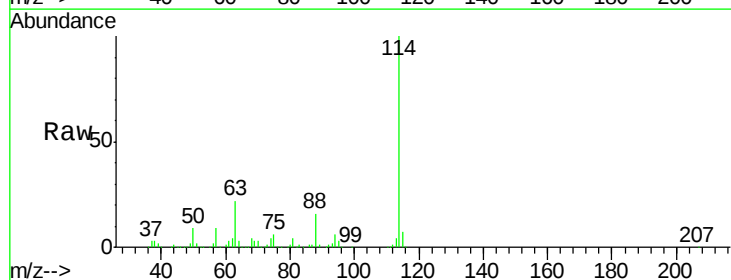
Instrument :
 MSVOA_W
 ClientSampleId :
 OR-03-090619

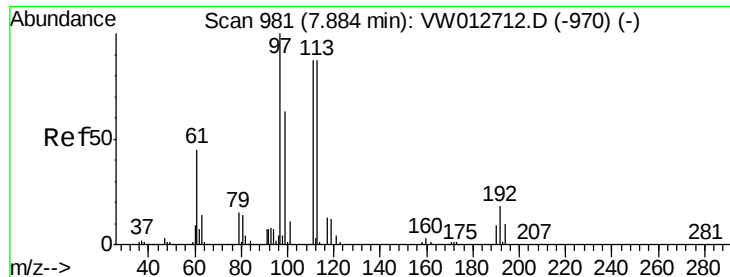
Tot Ion: 65 Resp: 132252
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012887.D
 Acq: 11 Sep 2019 00:10

Tgt Ion: 114 Resp: 371849
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 47.2
 88 16.0 0.0 34.0

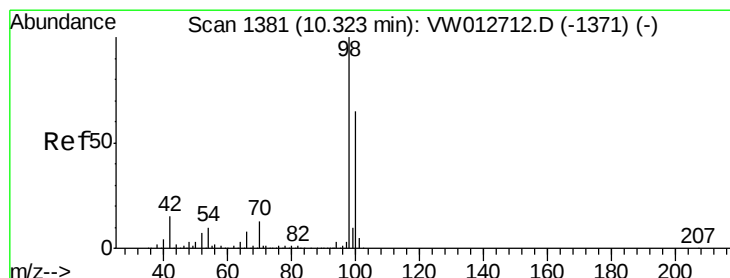
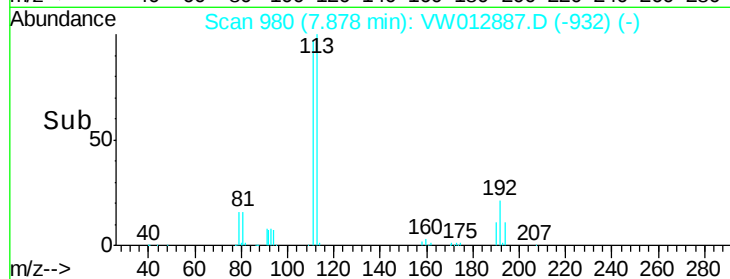
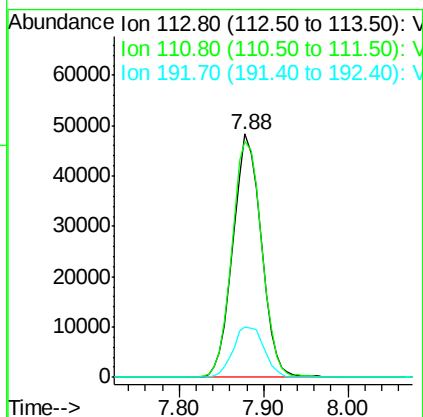
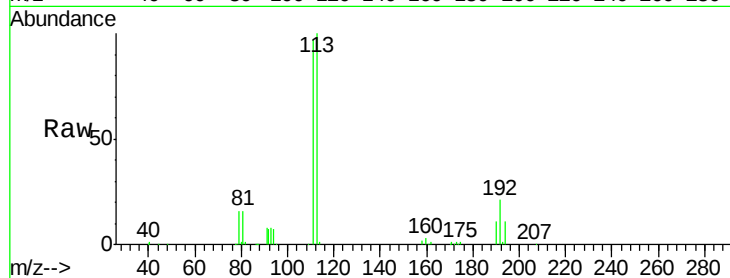




#35
 Dibromofluoromethane
 Concen: 49.733 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012887.D
 Acq: 11 Sep 2019 00:10

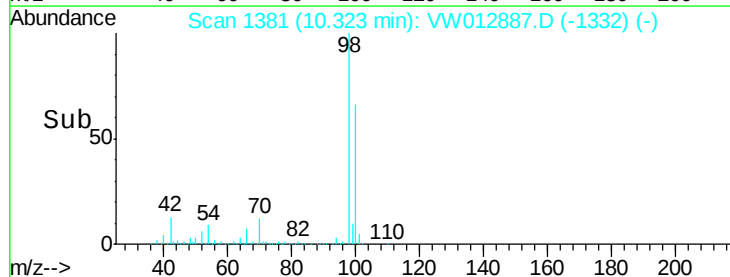
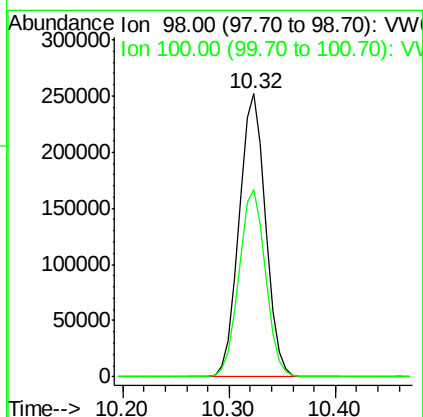
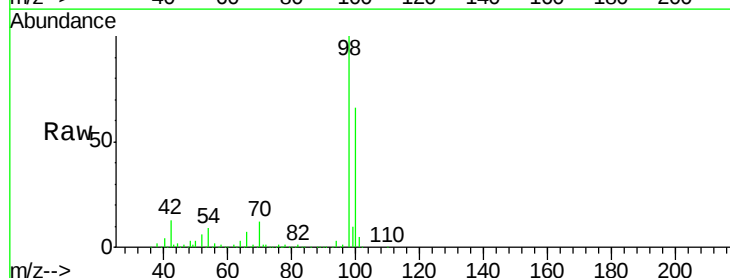
Instrument :
 MSVOA_W
 ClientSampleId :
 OR-03-090619

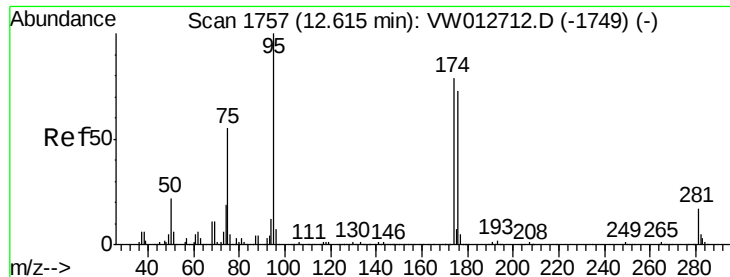
Tot Ion:113 Resp: 109947
 Ion Ratio Lower Upper
 113 100
 111 102.0 80.2 120.4
 192 22.6 17.3 25.9



#50
 Toluene-d8
 Concen: 50.889 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW012887.D
 Acq: 11 Sep 2019 00:10

Tgt Ion: 98 Resp: 440755
 Ion Ratio Lower Upper
 98 100
 100 66.2 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 43.692 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012887.D

Acq: 11 Sep 2019 00:10

Instrument :

MSVOA_W

ClientSampleId :

OR-03-090619

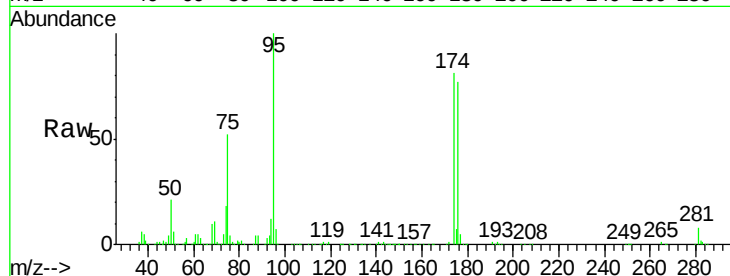
Tot Ion: 95 Resp: 137381

Ion Ratio Lower Upper

95 100

174 83.5 0.0 161.0

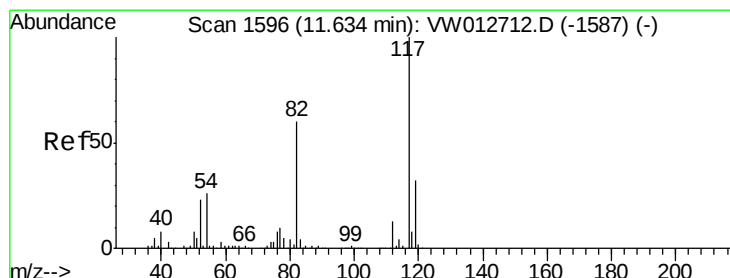
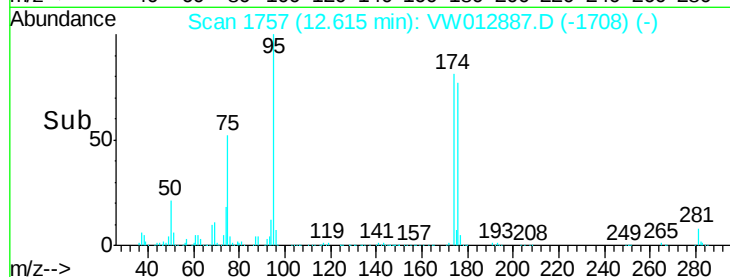
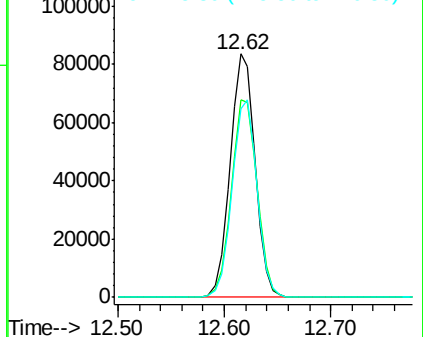
176 81.3 0.0 156.4



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: VW012887.D

Acq: 11 Sep 2019 00:10

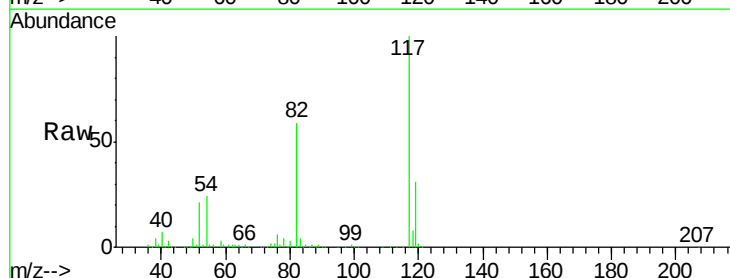
Tgt Ion: 117 Resp: 312894

Ion Ratio Lower Upper

117 100

82 59.1 48.2 72.4

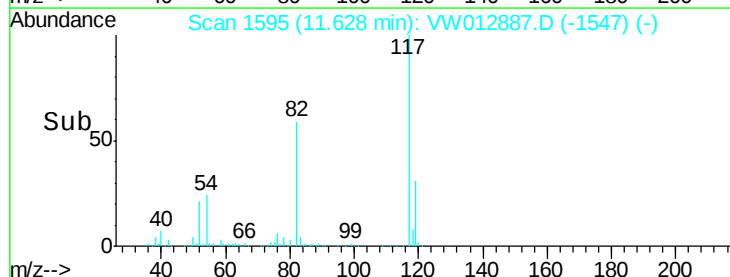
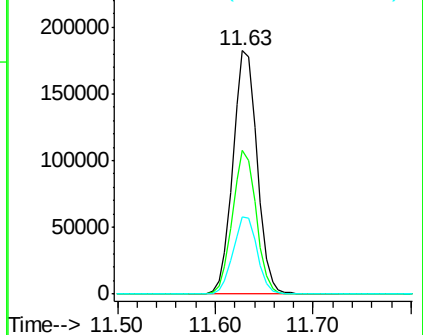
119 31.5 25.8 38.6

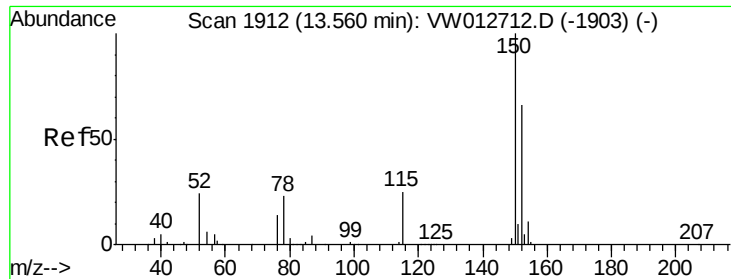


Abundance Ion 116.90 (116.60 to 117.60): VW

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: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012887.D

Acq: 11 Sep 2019 00:10

Instrument :

MSVOA_W

ClientSampleId :

OR-03-090619

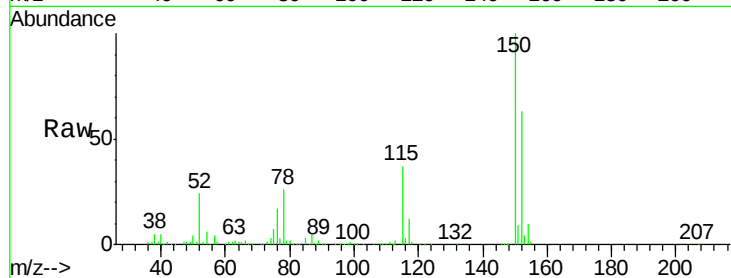
Tot Ion:152 Resp: 122028

Ion Ratio Lower Upper

152 100

115 57.3 30.0 90.1

150 158.2 0.0 349.0



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

