

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082119\
 Data File : VW012068.D
 Acq On : 21 Aug 2019 13:35
 Operator : SY/VA
 Sample : K4388-05
 Misc : 5.16G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-B3-(2)

Quant Time: Aug 22 06:01:23 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

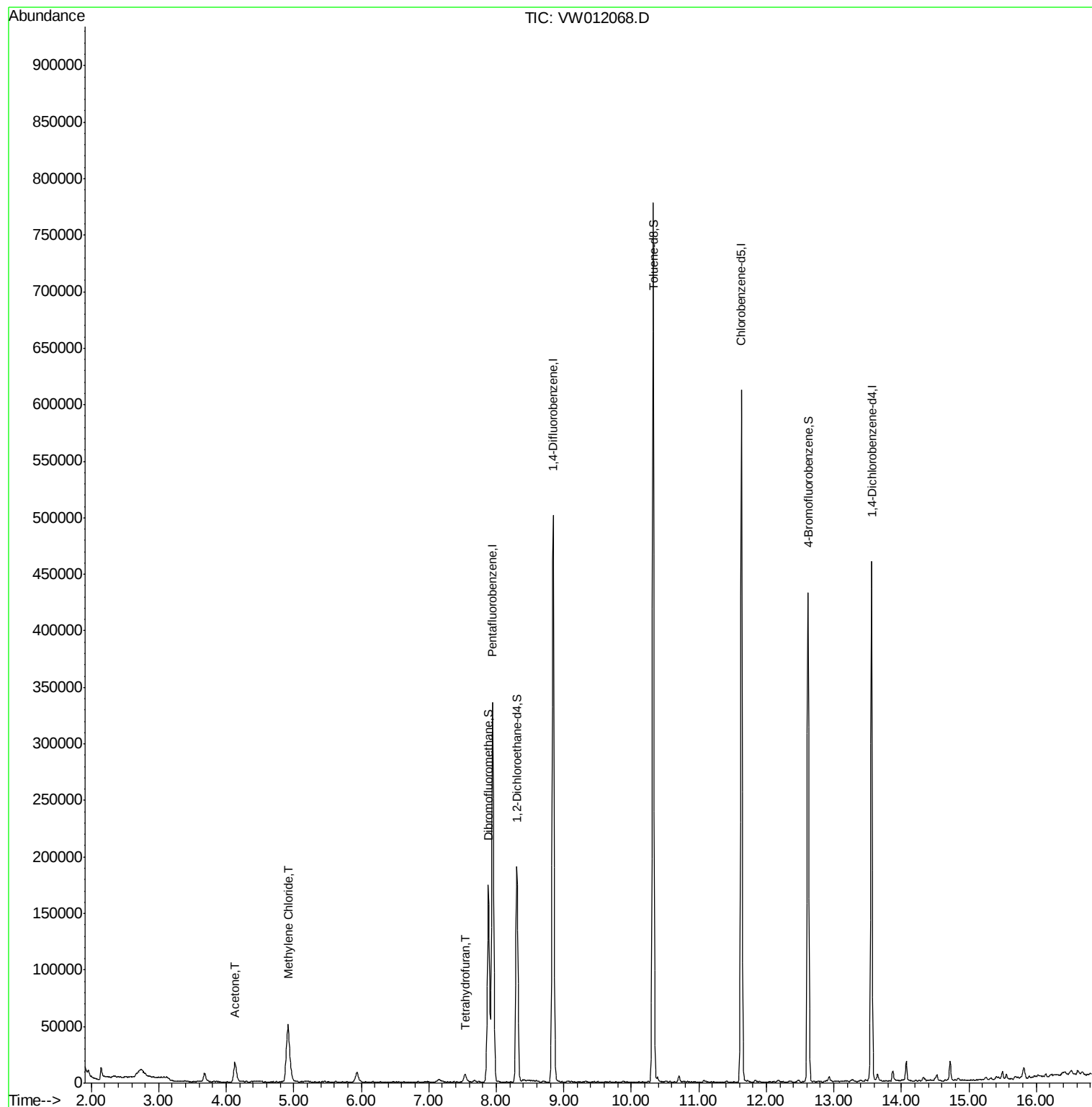
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	241432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	399557	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	323103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	113878	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	150011	54.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.22%	
35) Dibromofluoromethane	7.88	113	120238	53.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.28%	
50) Toluene-d8	10.32	98	482741	52.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.20%	
62) 4-Bromofluorobenzene	12.62	95	142970	43.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.38%	
Target Compounds						
16) Acetone	4.13	43	33674	38.185	ug/l	95
20) Methylene Chloride	4.92	84	38852	12.774	ug/l	96
29) Tetrahydrofuran	7.53	42	6609	10.020	ug/l	97

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082119\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW012068.D

Acq: 21 Aug 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

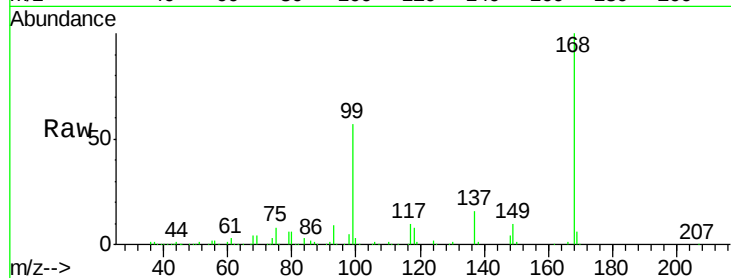
T4-B3-(2)

Tot Ion:168 Resp: 241432

Ion Ratio Lower Upper

168 100

99 57.3 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

120000

100000

80000

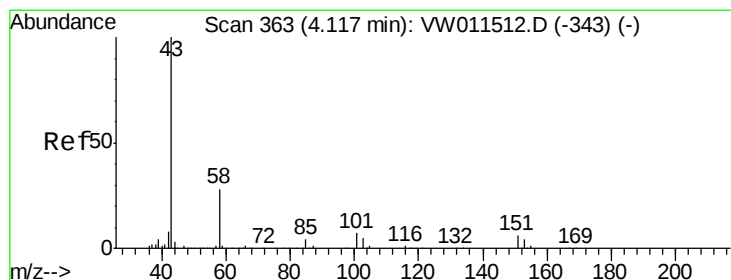
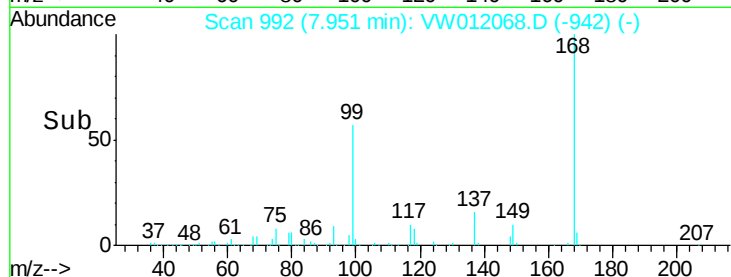
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 38.185 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012068.D

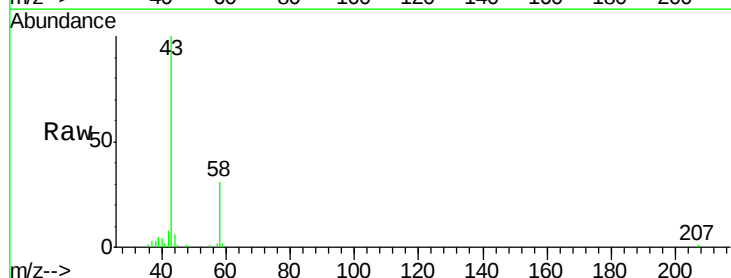
Acq: 21 Aug 2019 13:35

Tgt Ion: 43 Resp: 33674

Ion Ratio Lower Upper

43 100

58 30.5 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

12000

10000

8000

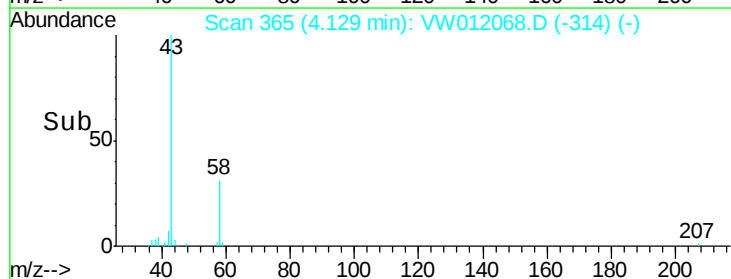
6000

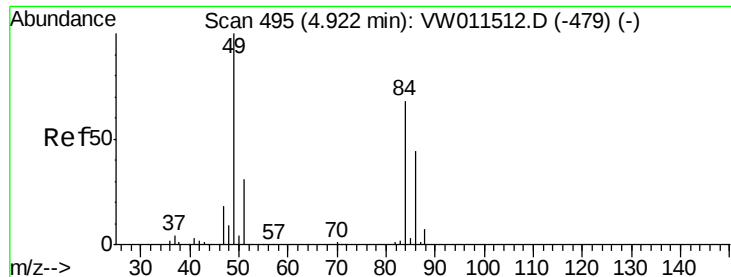
4000

2000

0

Time--> 4.00 4.10 4.20 4.30



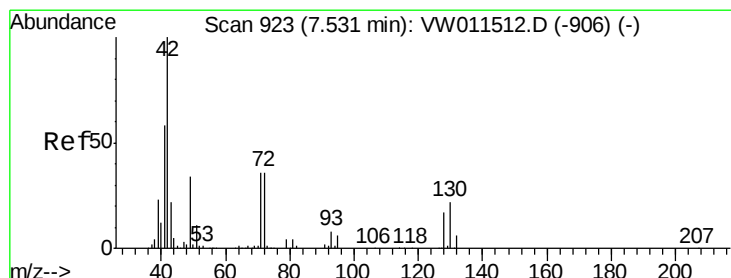
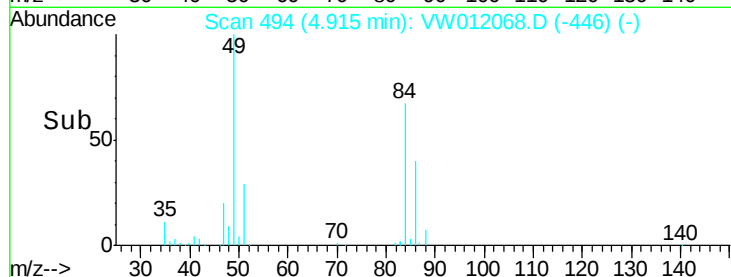
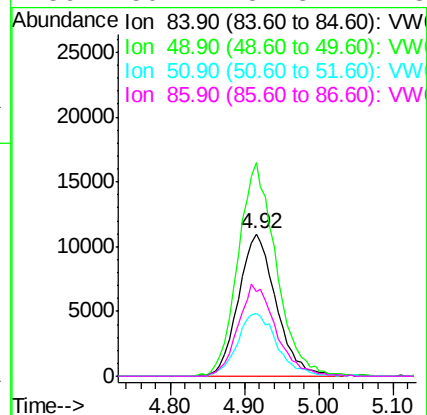
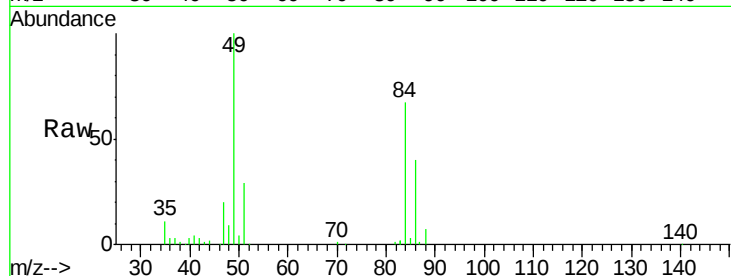


#20
Methylene Chloride
Concen: 12.774 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012068.D
Acq: 21 Aug 2019 13:35

Instrument :
MSVOA_W
ClientSampled :
T4-B3-(2)

Tot Ion: 84 Resp: 38852

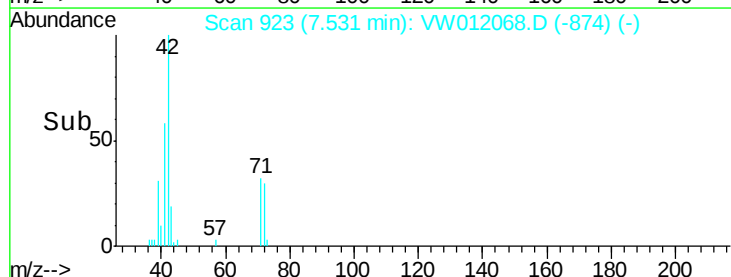
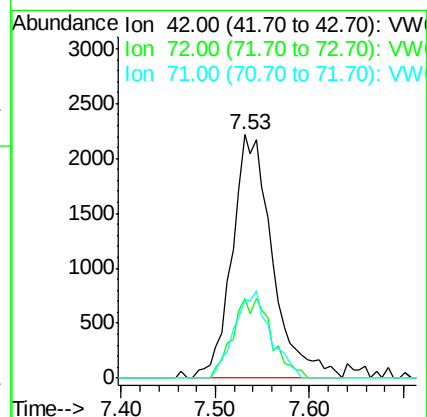
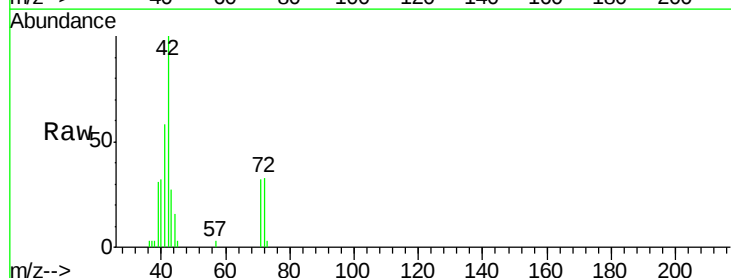
Ion	Ratio	Lower	Upper
84	100		
49	150.2	117.8	176.6
51	43.7	37.0	55.4
86	59.7	51.8	77.8

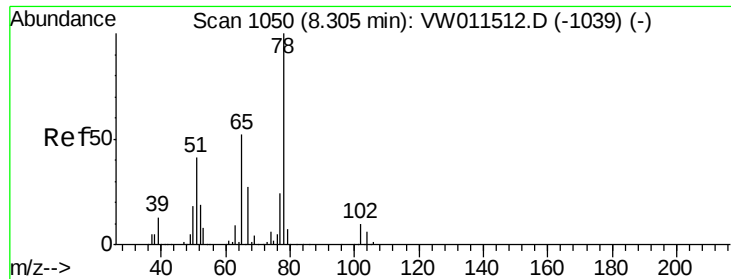


#29
Tetrahydrofuran
Concen: 10.020 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012068.D
Acq: 21 Aug 2019 13:35

Tgt Ion: 42 Resp: 6609

Ion	Ratio	Lower	Upper
42	100		
72	31.4	27.1	40.7
71	31.6	26.2	39.4

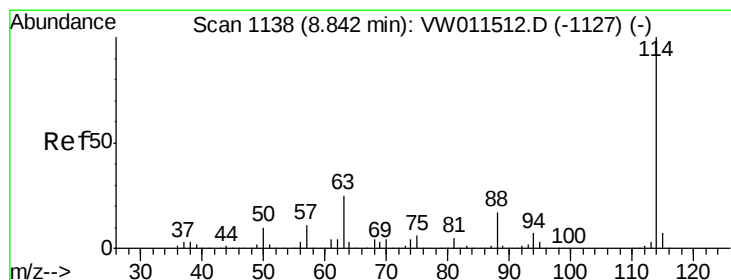
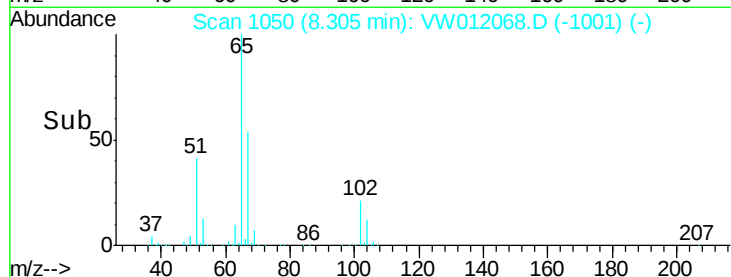
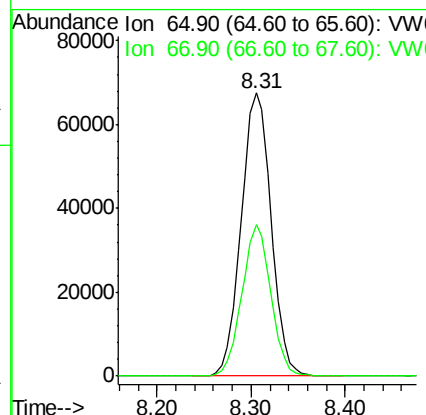
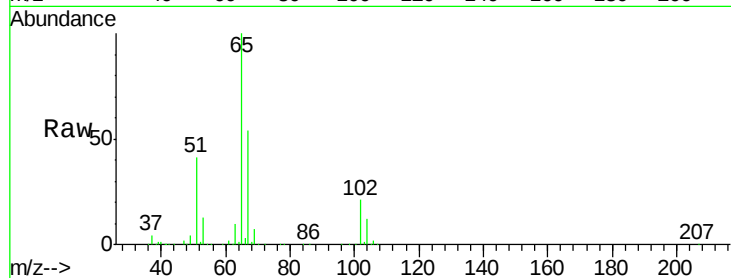




#33
 1,2-Dichloroethane-d4
 Concen: 54.110 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012068.D
 Acq: 21 Aug 2019 13:35

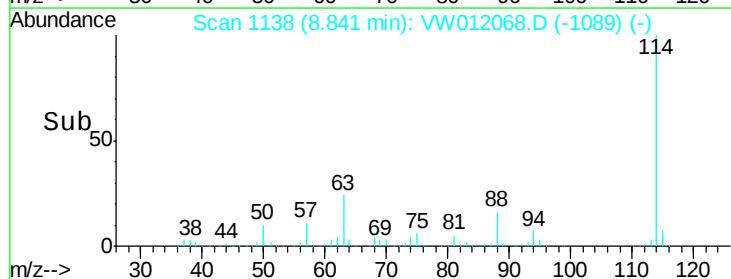
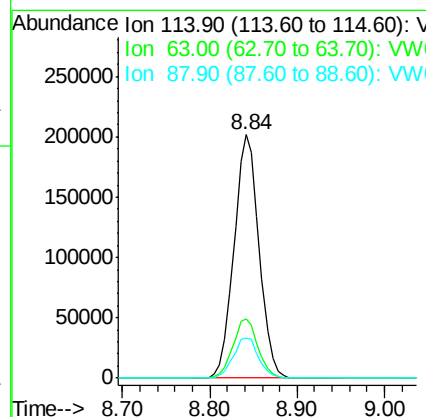
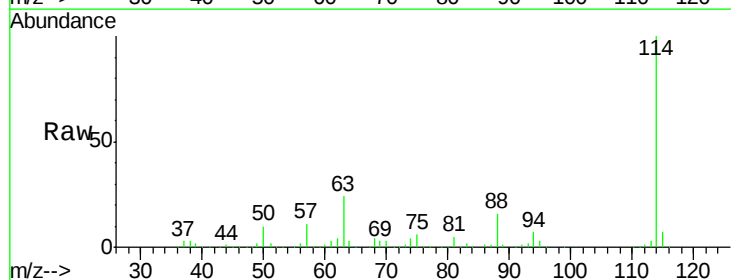
Instrument :
 MSVOA_W
 ClientSampleId :
 T4-B3-(2)

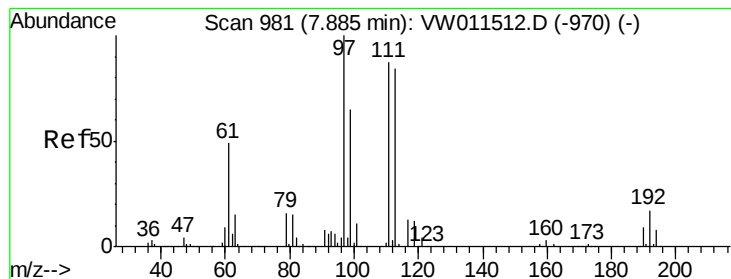
Tot Ion: 65 Resp: 150011
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012068.D
 Acq: 21 Aug 2019 13:35

Tgt Ion: 114 Resp: 399557
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 49.2
 88 16.5 0.0 33.8





#35

Dibromofluoromethane

Concen: 53.640 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012068.D

Acq: 21 Aug 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

T4-B3-(2)

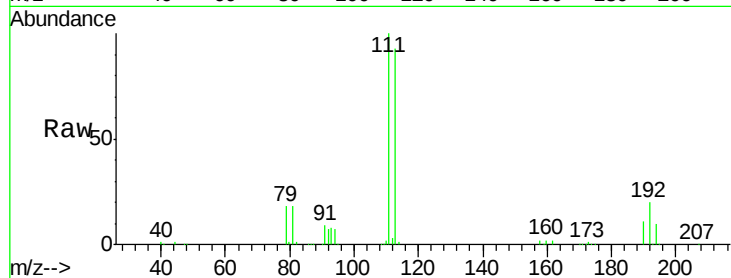
Tot Ion:113 Resp: 120238

Ion Ratio Lower Upper

113 100

111 104.3 82.7 124.1

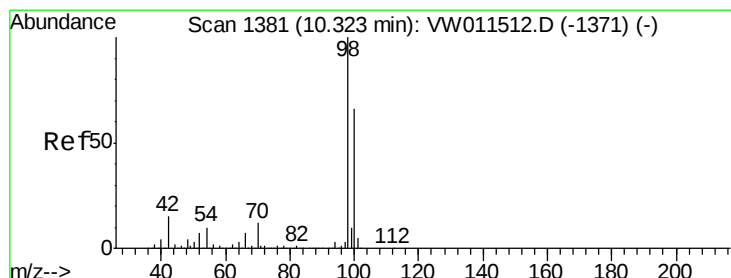
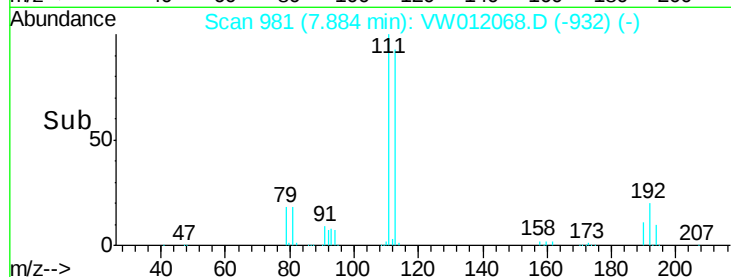
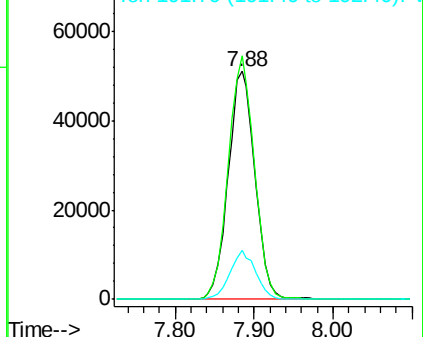
192 20.6 16.1 24.1



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: 52.599 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012068.D

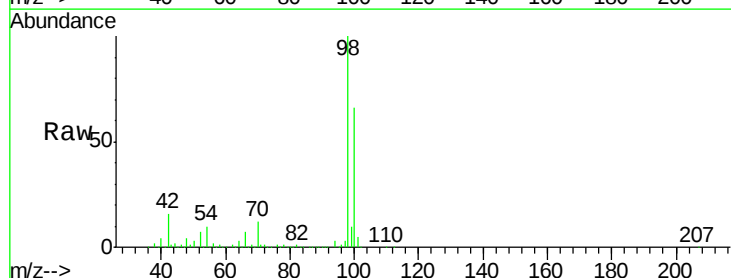
Acq: 21 Aug 2019 13:35

Tgt Ion: 98 Resp: 482741

Ion Ratio Lower Upper

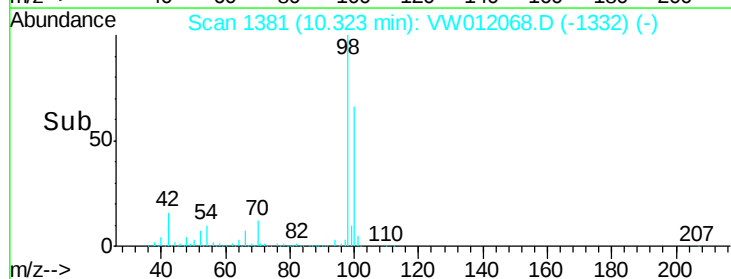
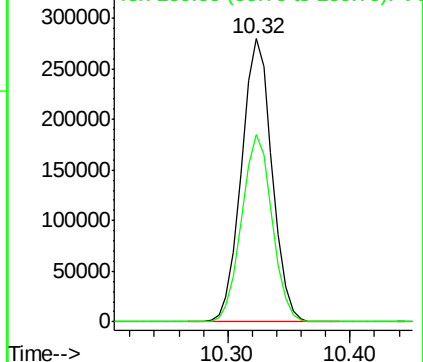
98 100

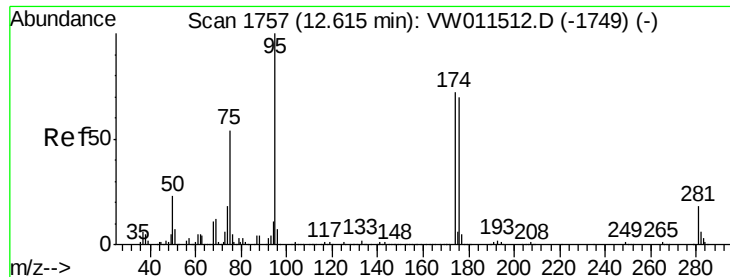
100 66.1 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

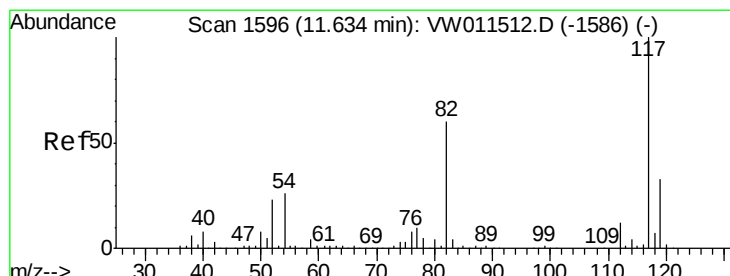
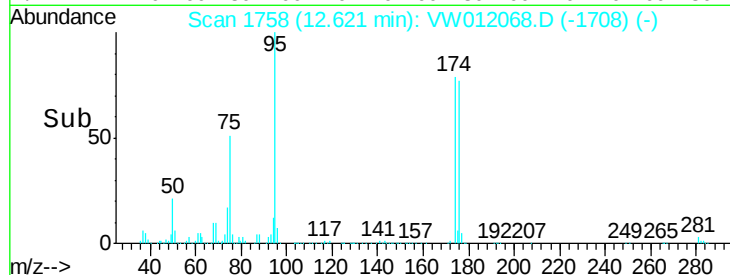
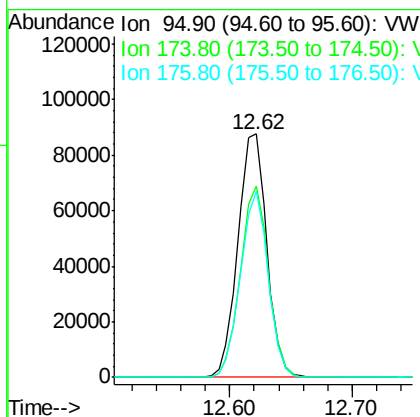
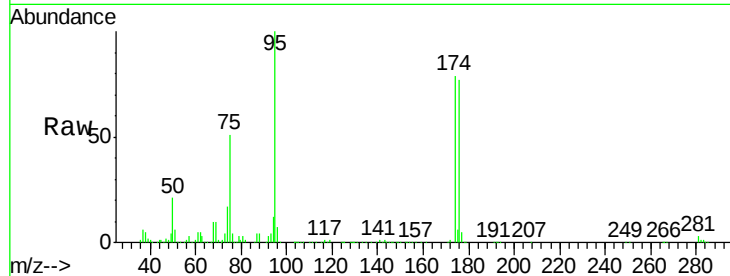




#62
4-Bromofluorobenzene
Concen: 43.694 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW012068.D
Acq: 21 Aug 2019 13:35

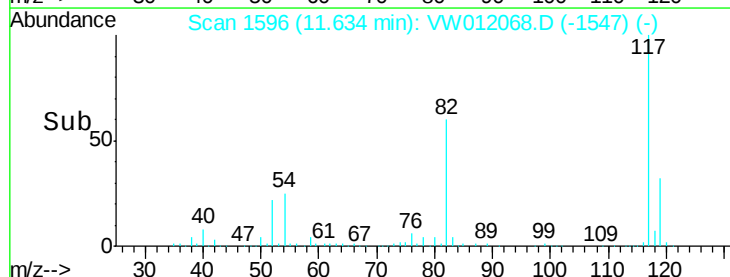
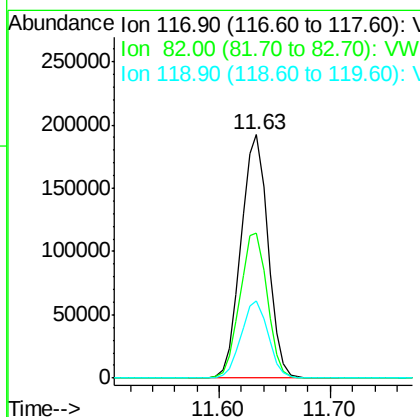
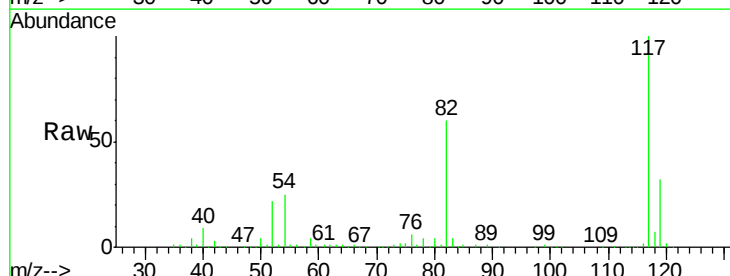
Instrument :
MSVOA_W
ClientSampleId :
T4-B3-(2)

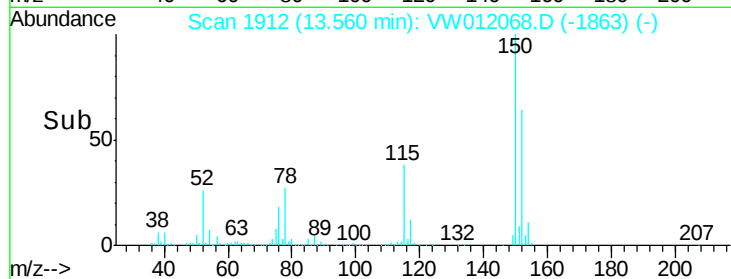
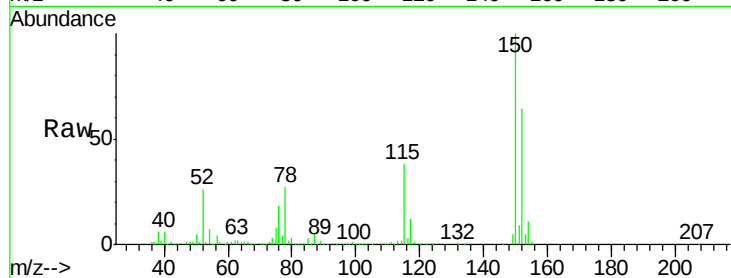
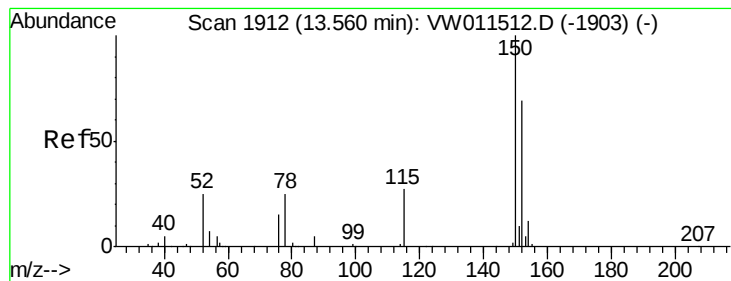
Tot Ion: 95 Resp: 142970
Ion Ratio Lower Upper
95 100
174 76.9 0.0 150.2
176 73.2 0.0 144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012068.D
Acq: 21 Aug 2019 13:35

Tgt Ion: 117 Resp: 323103
Ion Ratio Lower Upper
117 100
82 59.5 47.9 71.9
119 31.7 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012068.D

Acq: 21 Aug 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

T4-B3-(2)

Tot Ion:152 Resp: 113878

Ion Ratio Lower Upper

152 100

115 60.3 30.5 91.5

150 157.4 0.0 352.6

