

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041819\
 Data File : VW010045.D
 Acq On : 18 Apr 2019 15:12
 Operator : SY/VA
 Sample : K2411-10
 Misc : 6.20G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-14-D2

Quant Time: Apr 18 15:57:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 11:26:35 2019
 Response via : Initial Calibration

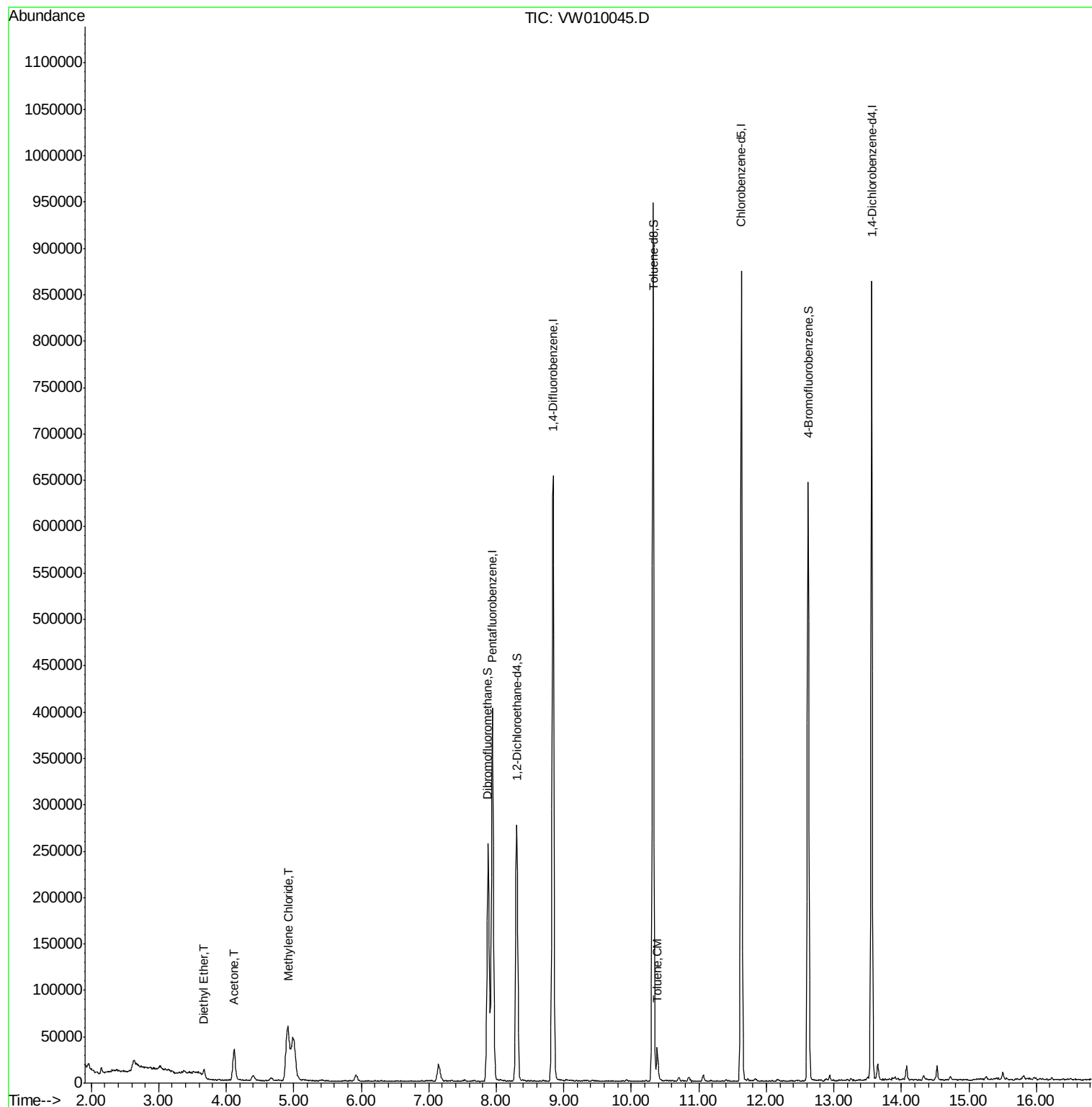
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	278382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	511547	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	454690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	197542	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	219370	63.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.72%	
35) Dibromofluoromethane	7.88	113	173781	53.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.86%	
50) Toluene-d8	10.32	98	580175	47.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.22%	
62) 4-Bromofluorobenzene	12.62	95	194812	43.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.96%	
Target Compounds						
8) Diethyl Ether	3.67	74	4267	3.007	ug/l	81
16) Acetone	4.12	43	59080	74.120	ug/l	97
20) Methylene Chloride	4.91	84	55687	14.950	ug/l	98
52) Toluene	10.39	92	14553	1.635	ug/l	98

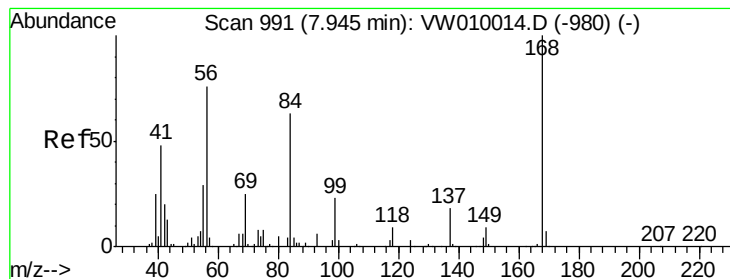
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041819\
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Quant Title : SW846 8260
QLast Update : Thu Apr 18 11:26:35 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: VW010045.D

Acq: 18 Apr 2019 15:12

Instrument :

MSVOA_W

ClientSampleId :

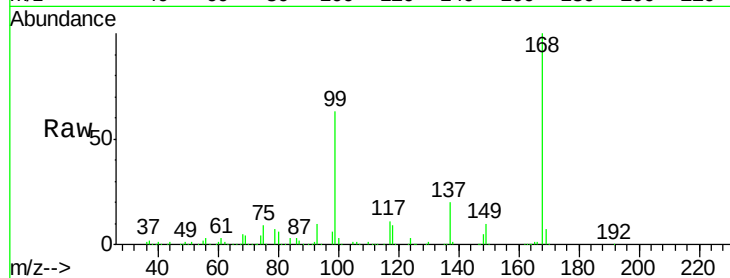
TP-14-D2

Tot Ion:168 Resp: 278382

Ion Ratio Lower Upper

168 100

99 63.3 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

100000

50000

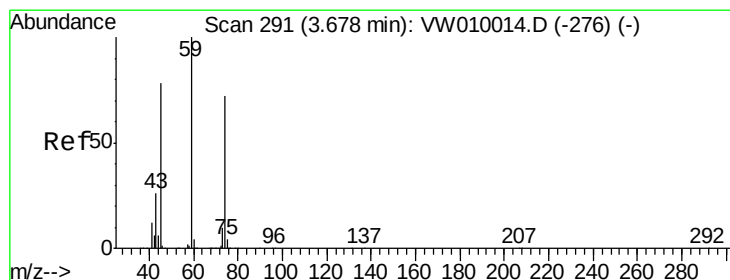
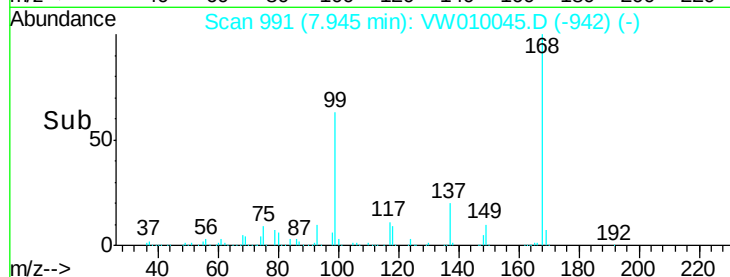
0

Time-->

7.80

7.90

8.00



#8

Diethyl Ether

Concen: 3.007 ug/l

RT: 3.67 min Scan# 289

Delta R.T. -0.01 min

Lab File: VW010045.D

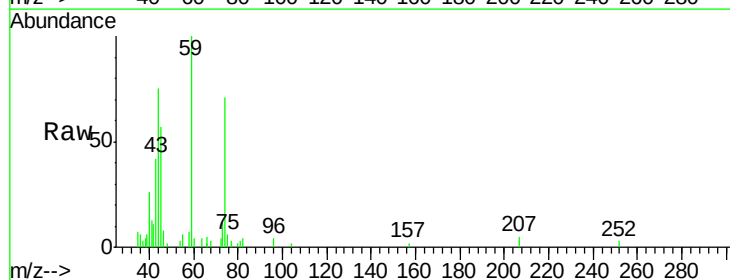
Acq: 18 Apr 2019 15:12

Tgt Ion: 74 Resp: 4267

Ion Ratio Lower Upper

74 100

45 132.3 56.0 168.0



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.67

2500

2000

1500

1000

500

0

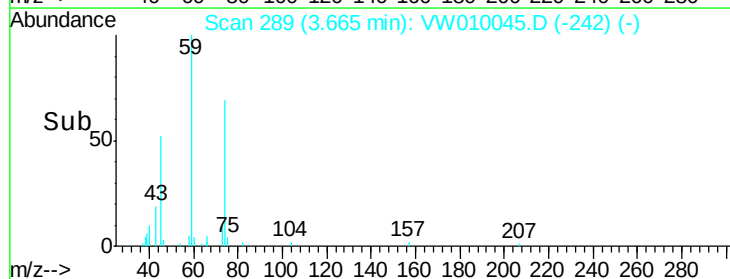
Time-->

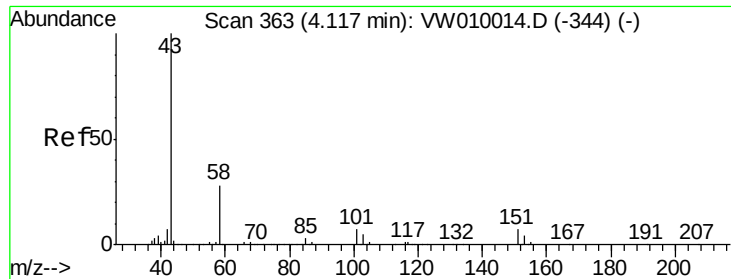
3.60

3.65

3.70

3.75

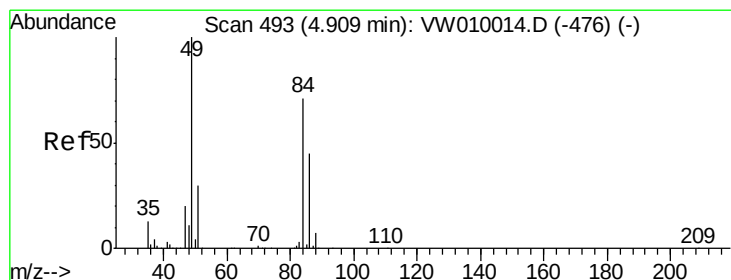
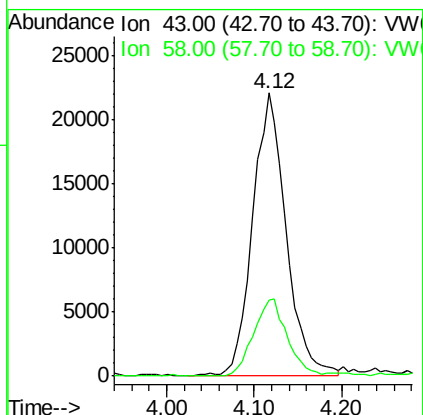
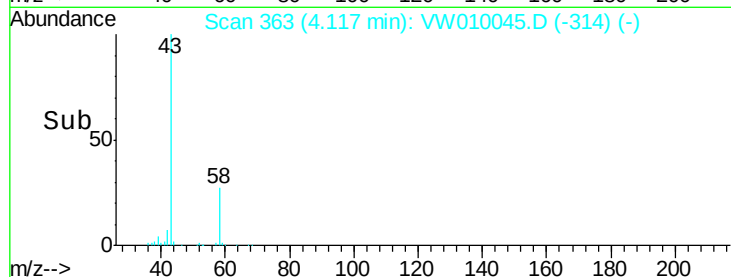
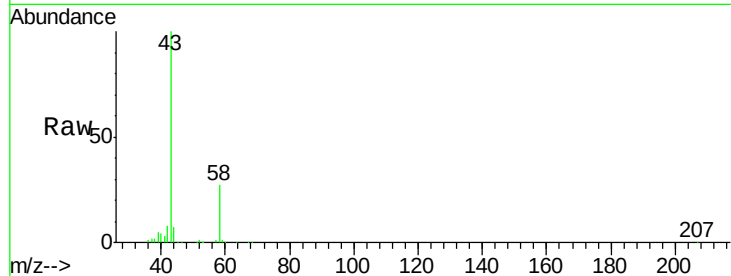




#16
Acetone
Concen: 74.120 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW010045.D
Acq: 18 Apr 2019 15:12

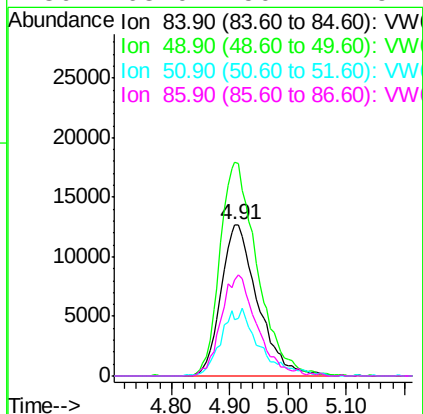
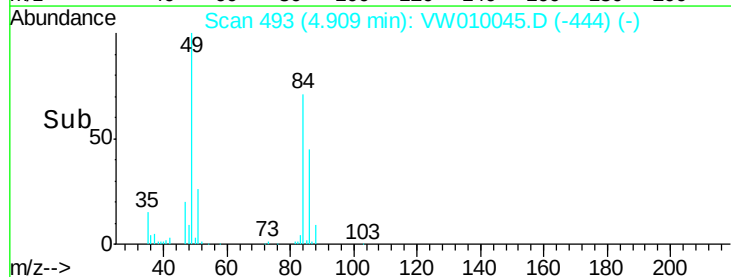
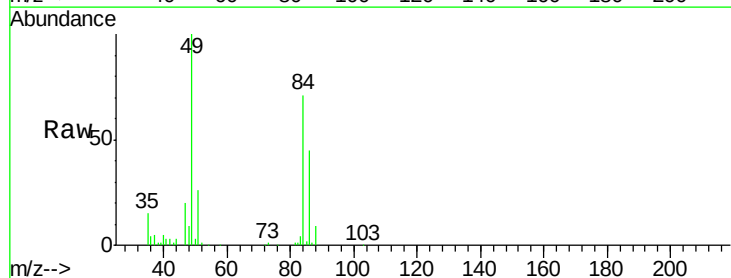
Instrument :
MSVOA_W
ClientSampleId :
TP-14-D2

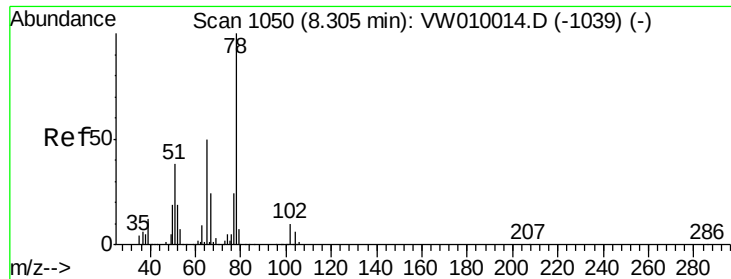
Tot Ion: 43 Resp: 59080
Ion Ratio Lower Upper
43 100
58 26.9 22.7 34.1



#20
Methylene Chloride
Concen: 14.950 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW010045.D
Acq: 18 Apr 2019 15:12

Tgt Ion: 84 Resp: 55687
Ion Ratio Lower Upper
84 100
49 140.8 112.3 168.5
51 37.3 33.9 50.9
86 63.0 50.2 75.4

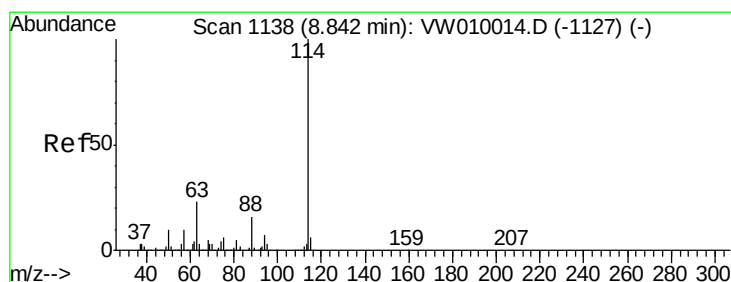
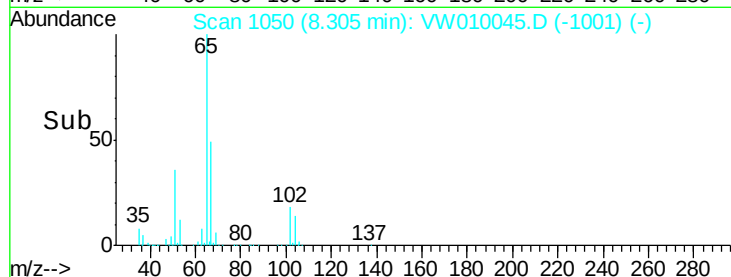
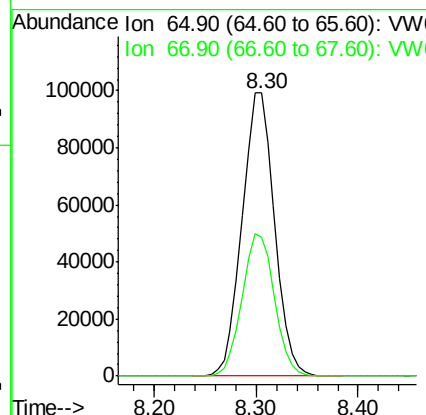
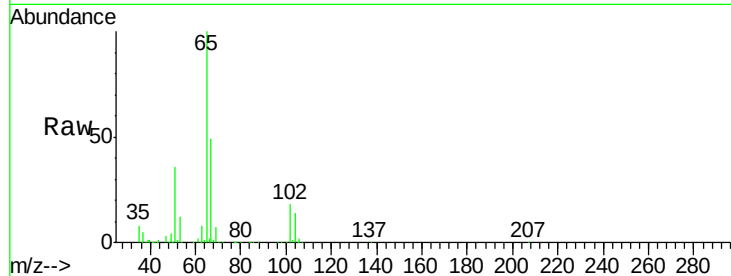




#33
 1,2-Dichloroethane-d4
 Concen: 63.856 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010045.D
 Acq: 18 Apr 2019 15:12

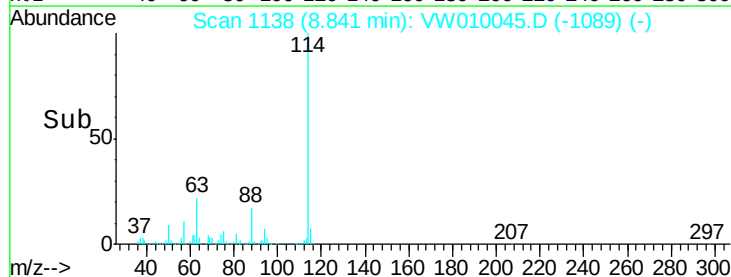
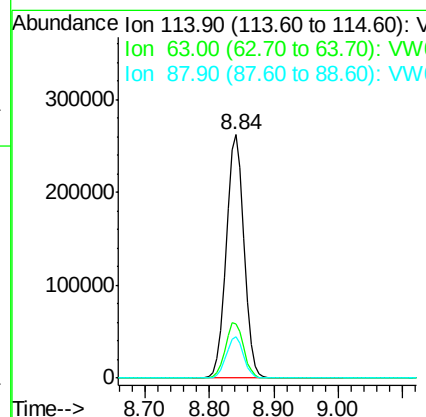
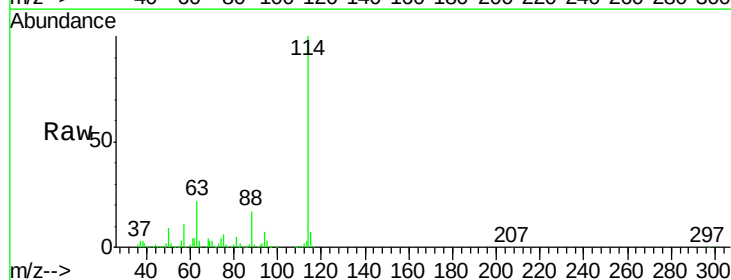
Instrument :
 MSVOA_W
 ClientSampled :
 TP-14-D2

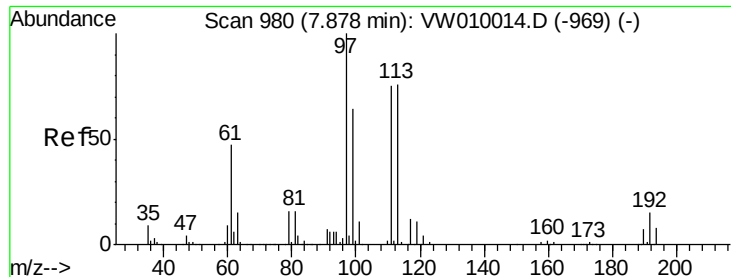
Tot Ion: 65 Resp: 219370
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010045.D
 Acq: 18 Apr 2019 15:12

Tgt Ion: 114 Resp: 511547
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 46.2
 88 16.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.434 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW010045.D

Acq: 18 Apr 2019 15:12

Instrument :

MSVOA_W

ClientSampleId :

TP-14-D2

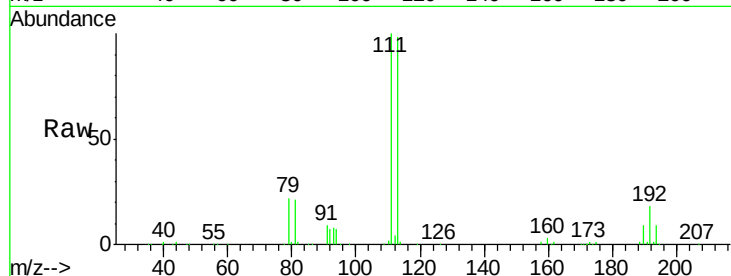
Tot Ion:113 Resp: 173781

Ion Ratio Lower Upper

113 100

111 104.4 82.6 123.8

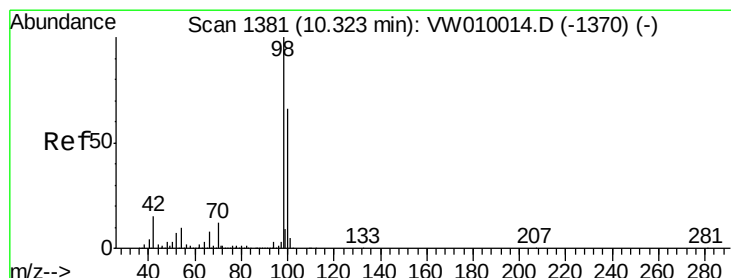
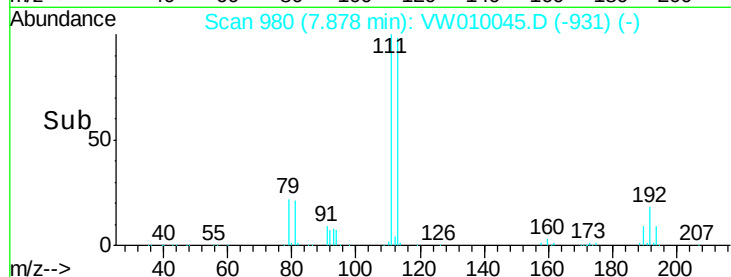
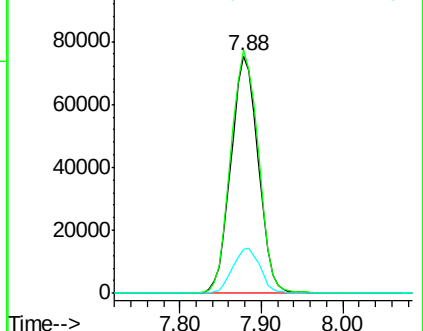
192 19.0 15.4 23.2



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: 47.607 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010045.D

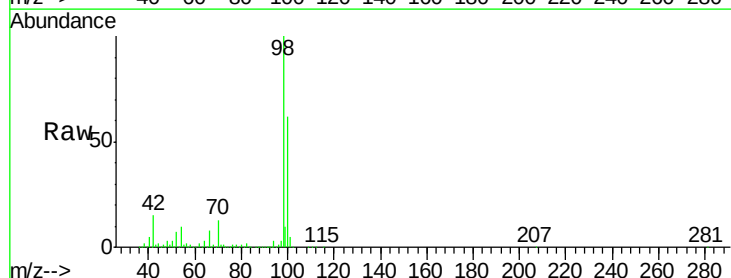
Acq: 18 Apr 2019 15:12

Tgt Ion: 98 Resp: 580175

Ion Ratio Lower Upper

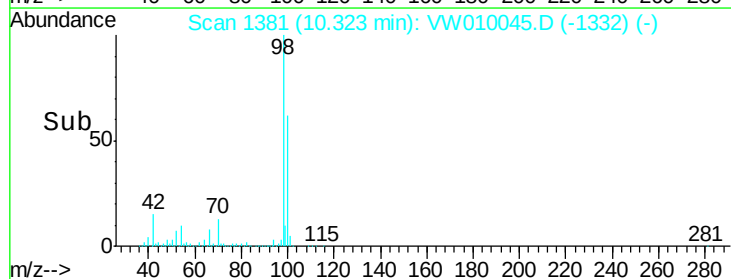
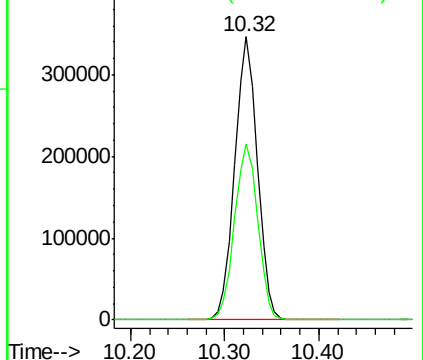
98 100

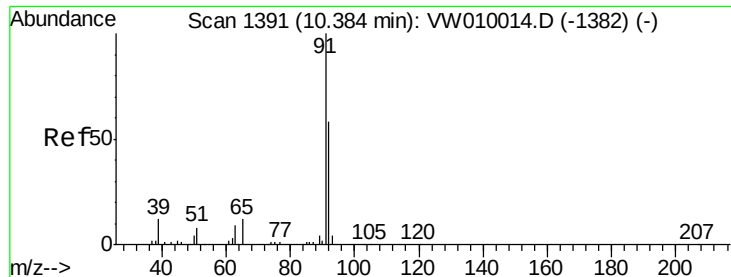
100 64.0 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 1.635 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW010045.D

Acq: 18 Apr 2019 15:12

Instrument :

MSVOA_W

ClientSampleId :

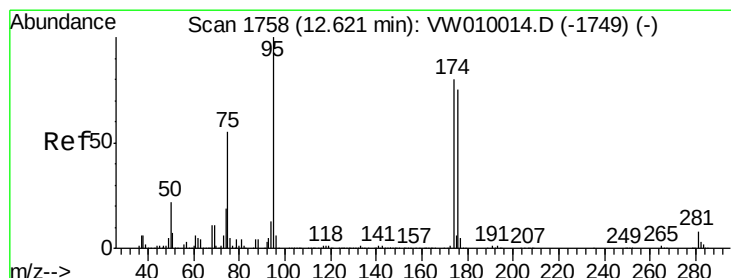
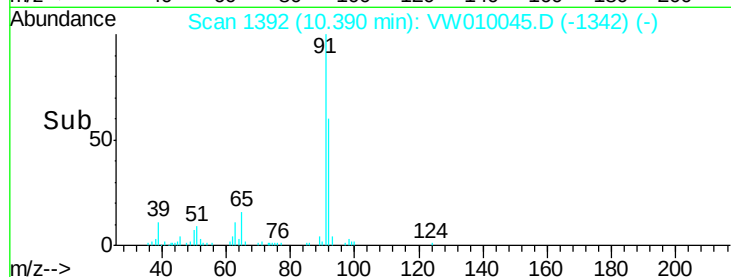
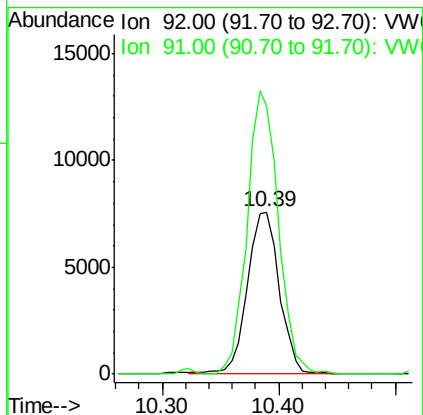
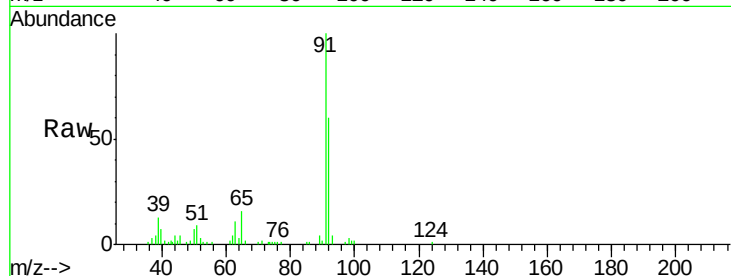
TP-14-D2

Tot Ion: 92 Resp: 14553

Ion Ratio Lower Upper

92 100

91 170.1 138.5 207.7



#62

4-Bromofluorobenzene

Concen: 43.977 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010045.D

Acq: 18 Apr 2019 15:12

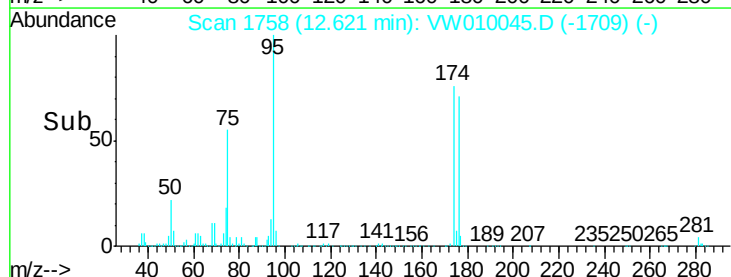
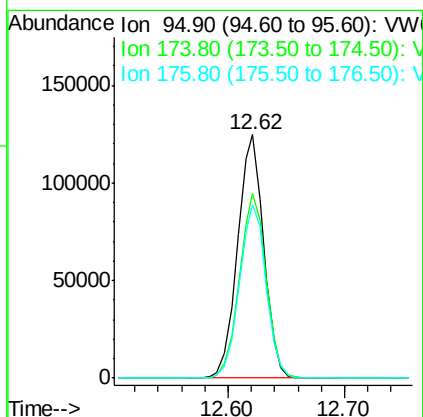
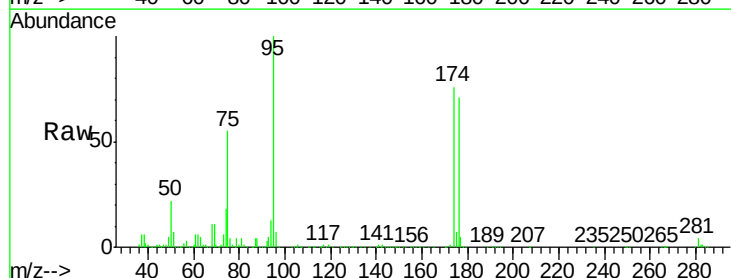
Tgt Ion: 95 Resp: 194812

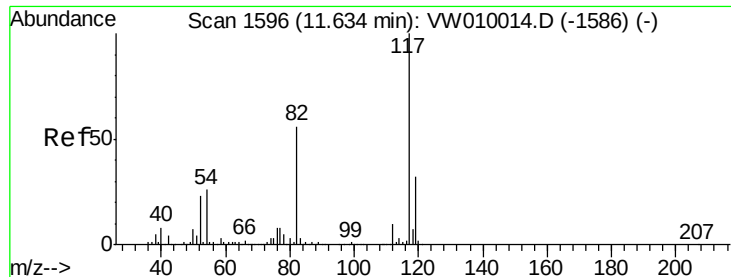
Ion Ratio Lower Upper

95 100

174 77.3 0.0 151.4

176 72.5 0.0 146.2

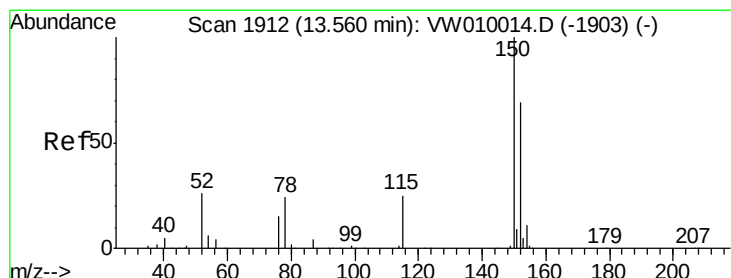
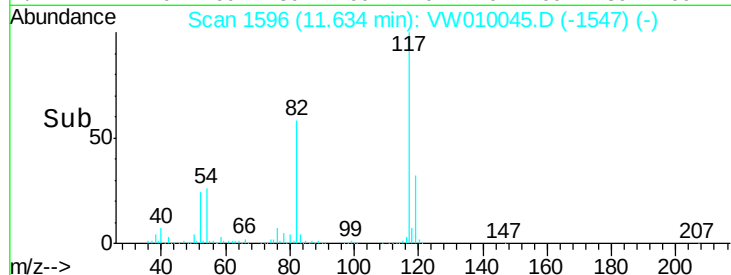
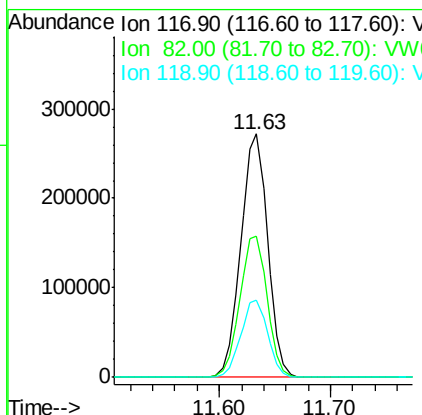
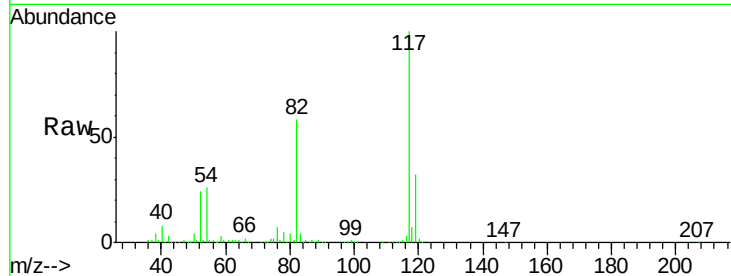




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010045.D
Acq: 18 Apr 2019 15:12

Instrument :
MSVOA_W
ClientSampleId :
TP-14-D2

Tot Ion:117 Resp: 454690
Ion Ratio Lower Upper
117 100
82 58.2 45.2 67.8
119 31.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010045.D
Acq: 18 Apr 2019 15:12

Tgt Ion:152 Resp: 197542
Ion Ratio Lower Upper
152 100
115 61.9 30.4 91.2
150 157.9 0.0 347.0

