

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011119\
 Data File : VW008230.D
 Acq On : 12 Jan 2019 09:21
 Operator : SY/VA
 Sample : K1122-04
 Misc : 5.69G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3I(16-16.5)

Quant Time: Jan 17 03:57:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

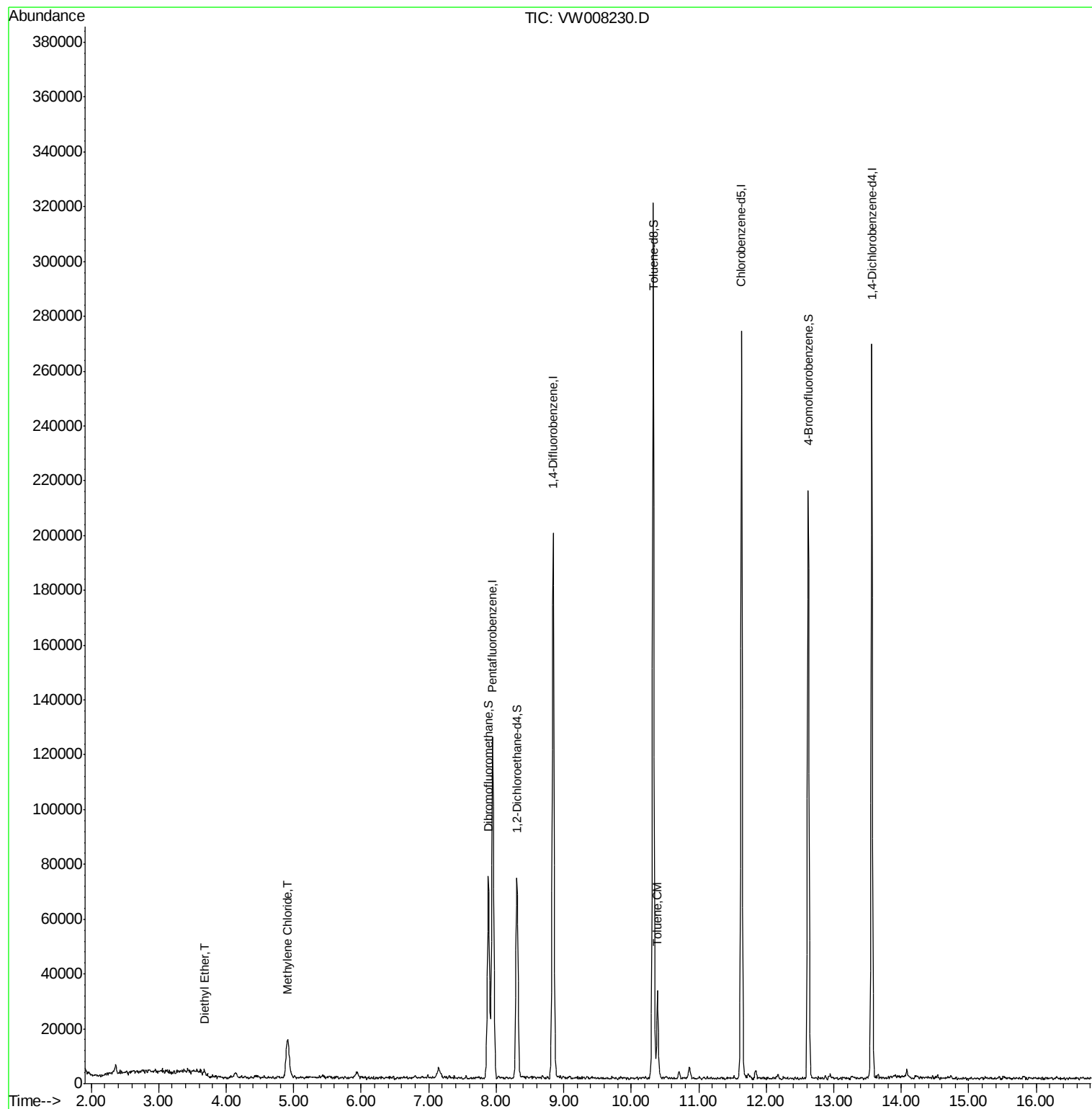
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	89489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	164117	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	147531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	66593	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	54242	53.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.86%	
35) Dibromofluoromethane	7.88	113	51374	53.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.34%	
50) Toluene-d8	10.32	98	206410	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
62) 4-Bromofluorobenzene	12.62	95	69206	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.12%	
Target Compounds						
8) Diethyl Ether	3.68	74	1382	2.432	ug/l	80
20) Methylene Chloride	4.91	84	11130	7.116	ug/l	92
52) Toluene	10.39	92	12705	4.339	ug/l	96

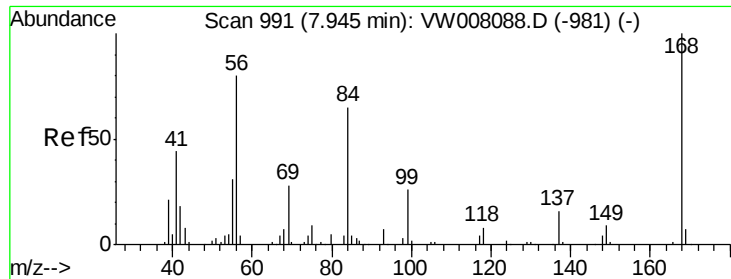
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008230.D

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Instrument :

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ClientSampleId :

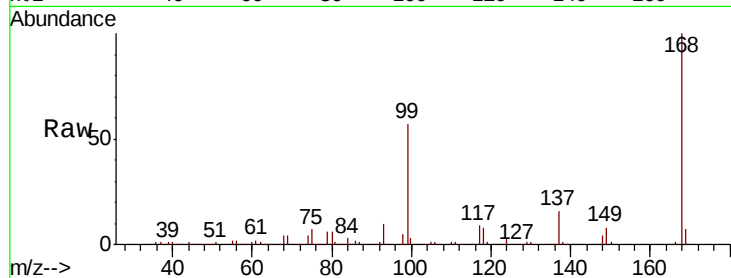
SB-3I(16-16.5)

Tot Ion:168 Resp: 89489

Ion Ratio Lower Upper

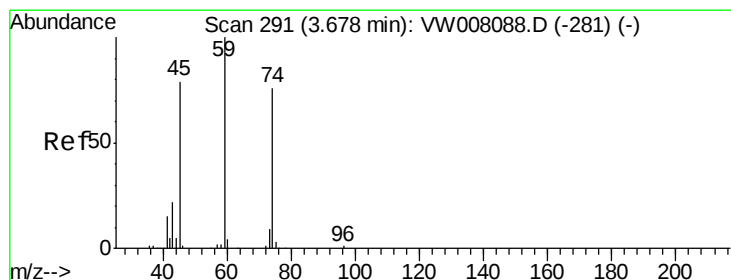
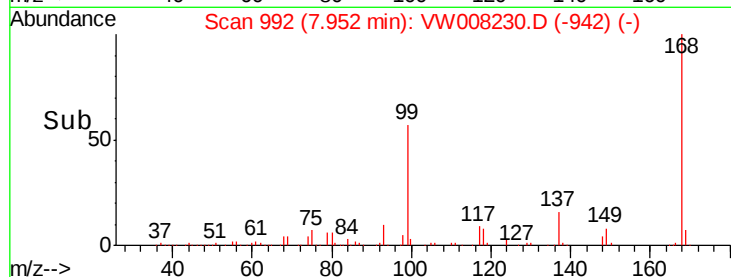
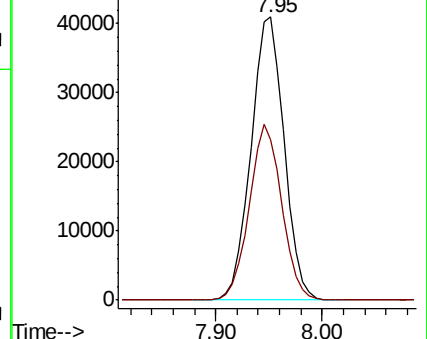
168 100

99 56.6 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.432 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW008230.D

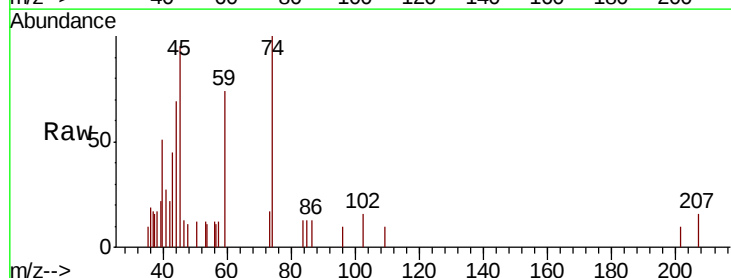
Acq: 12 Jan 2019 09:21

Tgt Ion: 74 Resp: 1382

Ion Ratio Lower Upper

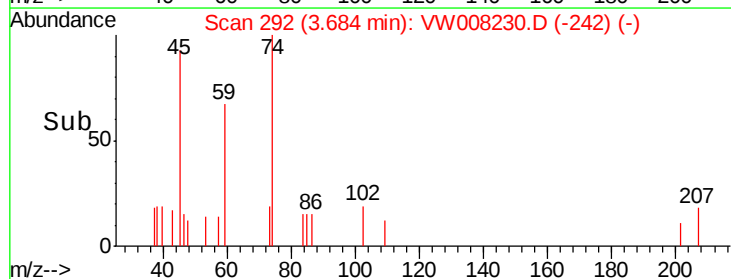
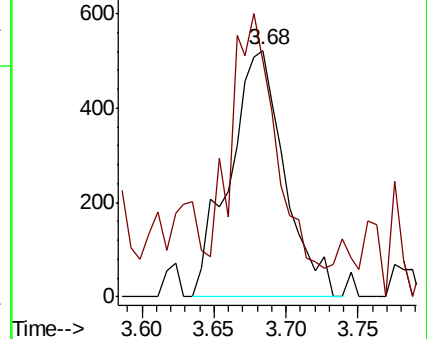
74 100

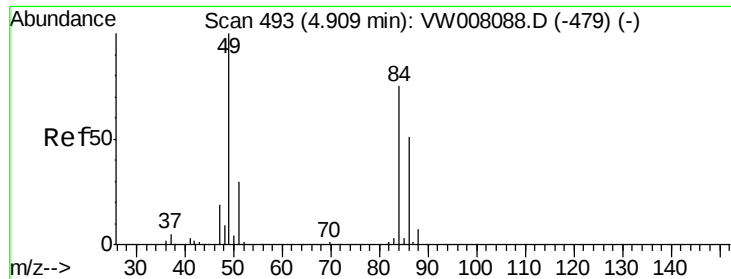
45 84.3 52.4 157.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

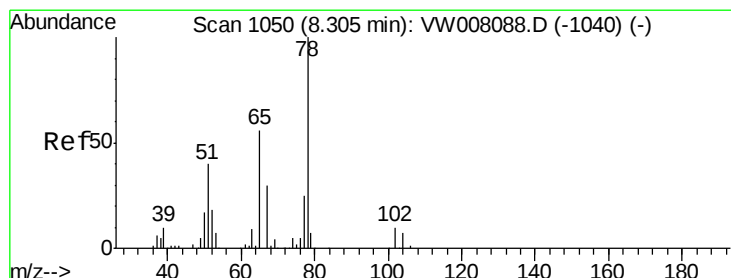
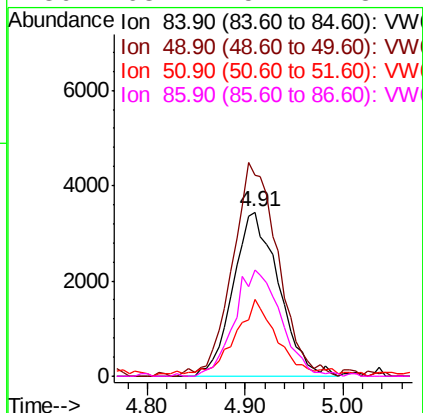
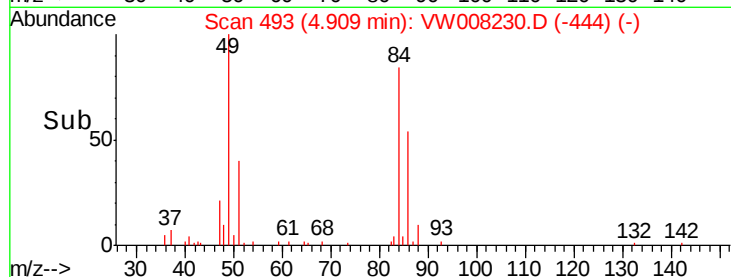
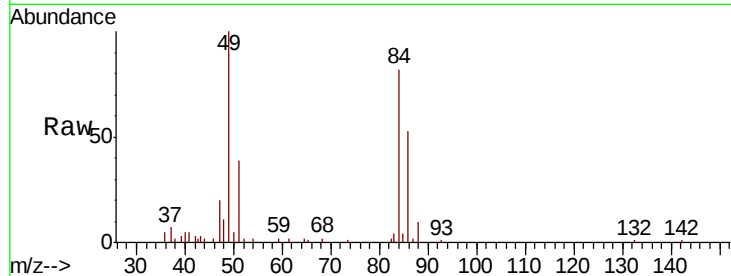




#20
Methylene Chloride
Concen: 7.116 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008230.D
Acq: 12 Jan 2019 09:21

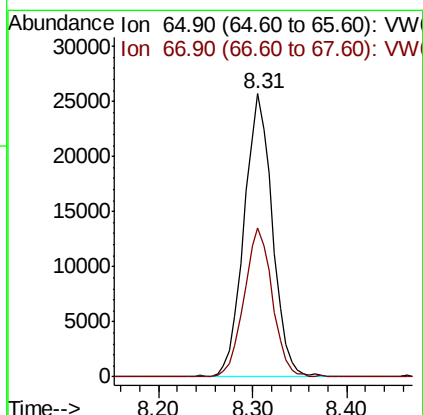
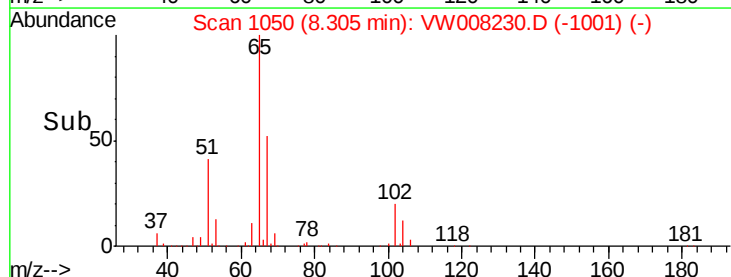
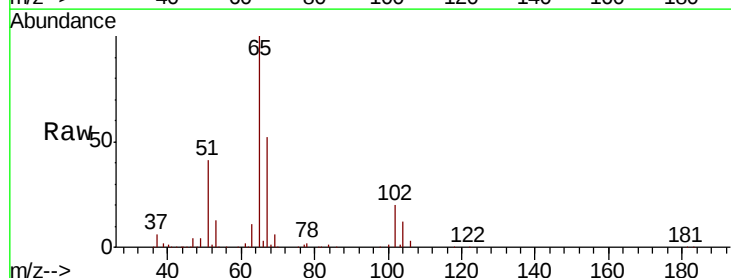
Instrument :
MSVOA_W
ClientSampleId :
SB-3I(16-16.5)

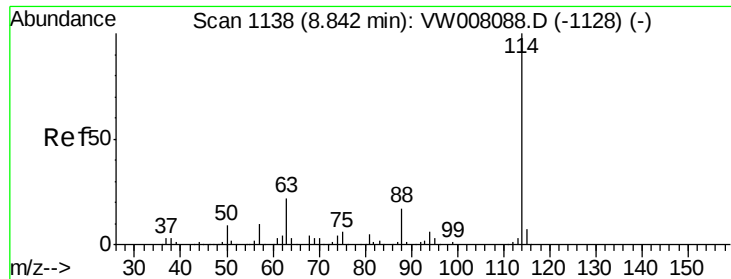
Tot Ion:	84	Resp:	11130
Ion	Ratio	Lower	Upper
84	100		
49	122.5	107.1	160.7
51	45.5	32.4	48.6
86	63.2	54.2	81.4



#33
1,2-Dichloroethane-d4
Concen: 53.930 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008230.D
Acq: 12 Jan 2019 09:21

Tgt Ion:	65	Resp:	54242
Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	106.8

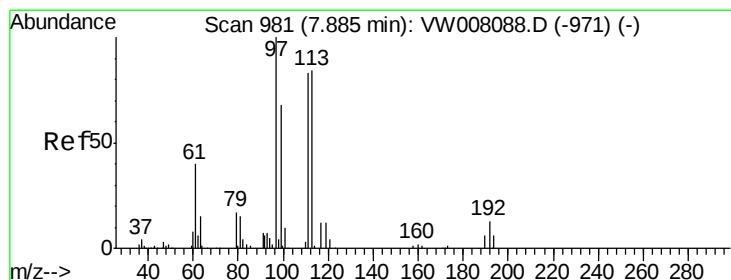
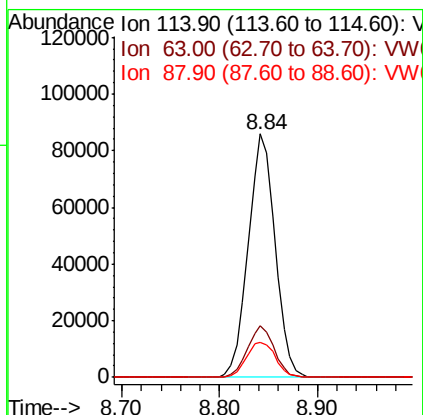
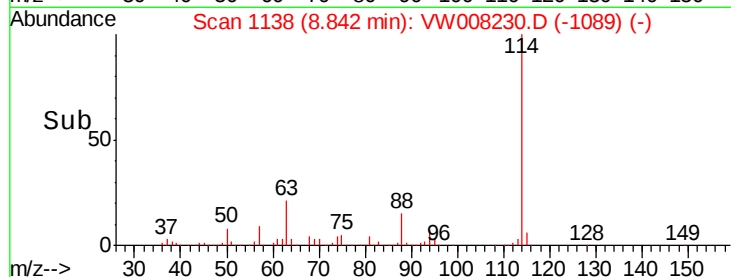
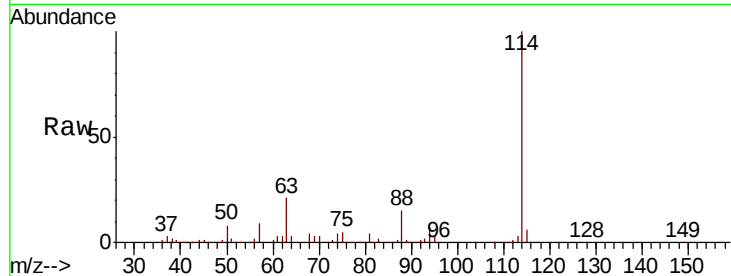




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008230.D
 Acq: 12 Jan 2019 09:21

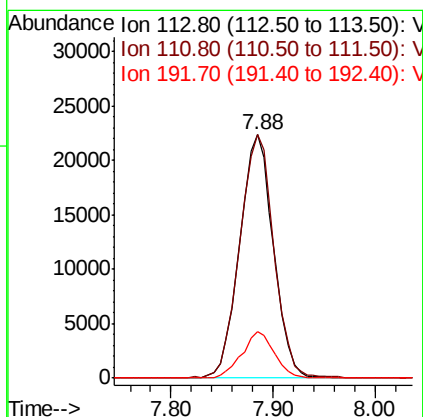
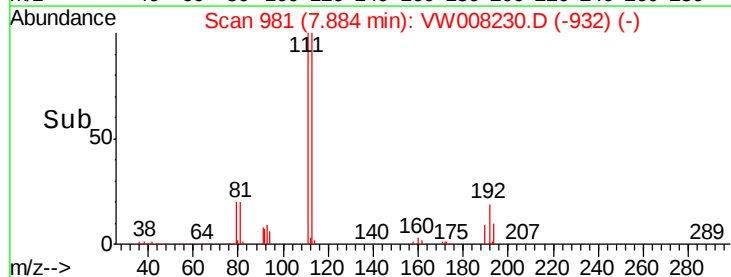
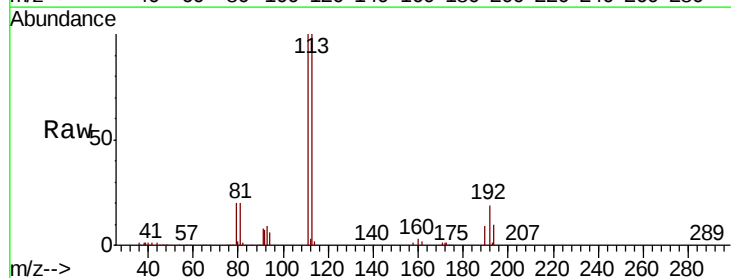
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3I(16-16.5)

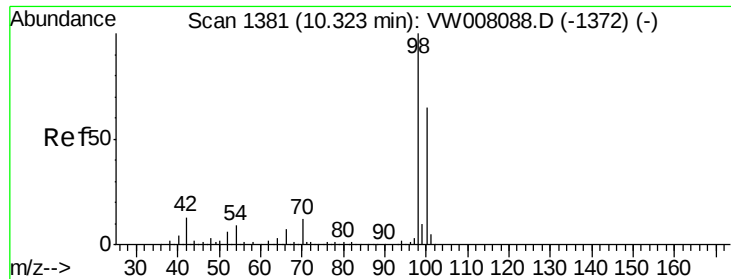
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	43.4
88	14.5	0.0	33.4



#35
 Dibromofluoromethane
 Concen: 53.672 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008230.D
 Acq: 12 Jan 2019 09:21

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.8	122.8
192	18.4	12.8	19.2

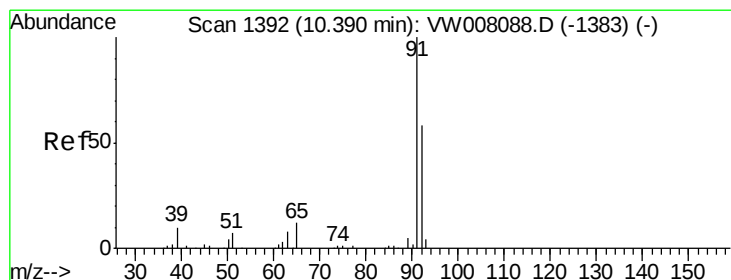
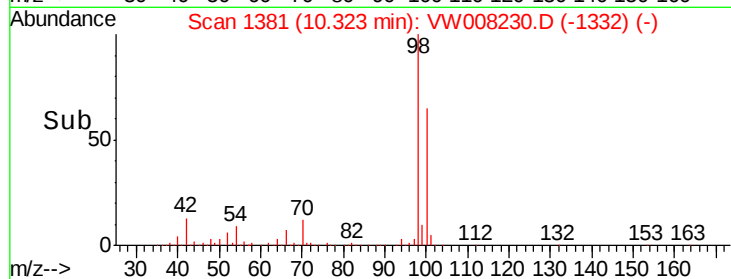
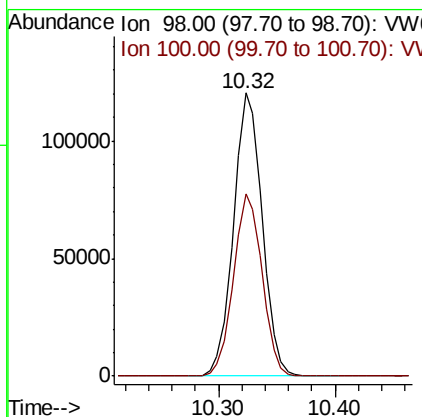
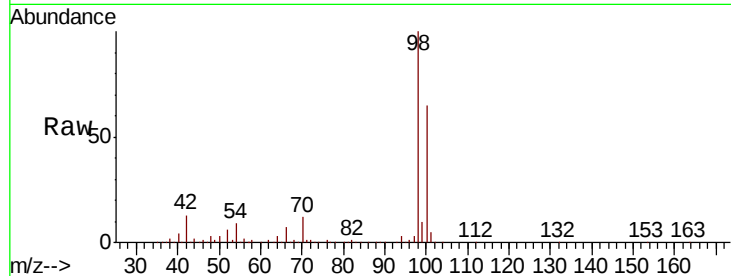




#50
Toluene-d8
Concen: 51.387 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008230.D
Acq: 12 Jan 2019 09:21

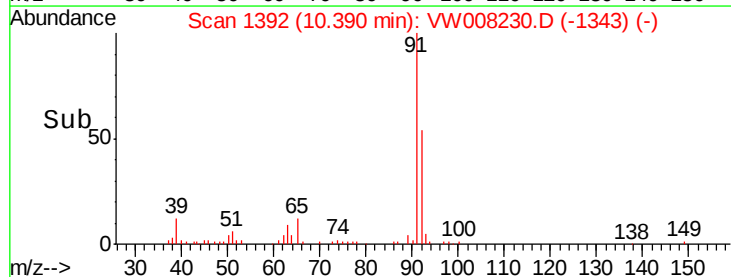
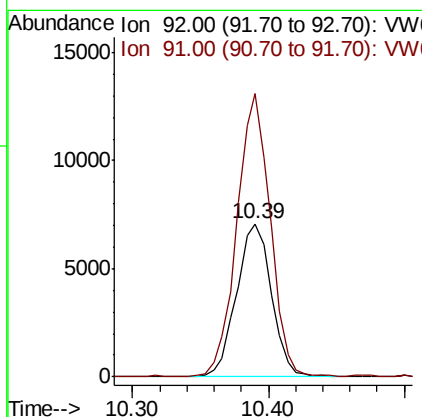
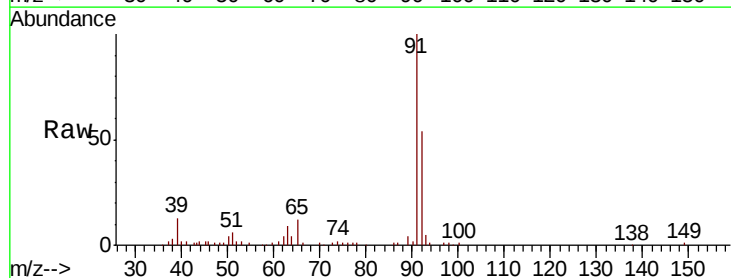
Instrument :
MSVOA_W
ClientSampleId :
SB-3I(16-16.5)

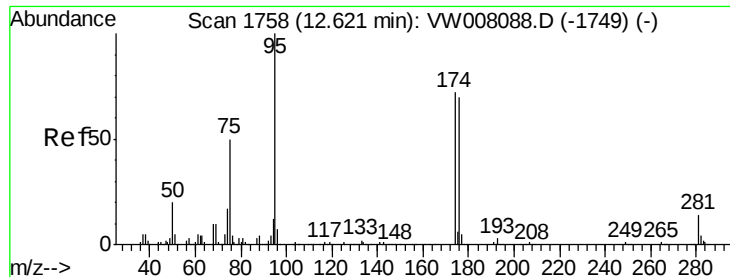
Tot Ion: 98 Resp: 206410
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5



#52
Toluene
Concen: 4.339 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW008230.D
Acq: 12 Jan 2019 09:21

Tgt Ion: 92 Resp: 12705
Ion Ratio Lower Upper
92 100
91 176.3 137.0 205.4





#62

4-Bromofluorobenzene

Concen: 48.060 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008230.D

Acq: 12 Jan 2019 09:21

Instrument :

MSVOA_W

ClientSampleId :

SB-3I(16-16.5)

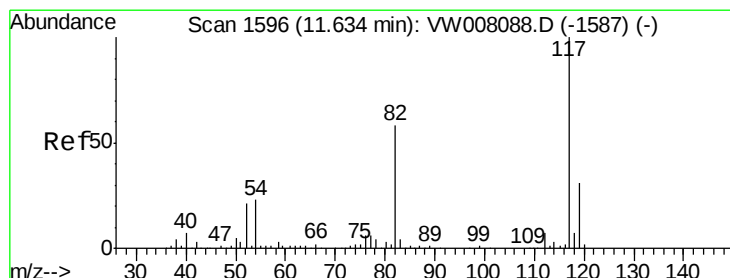
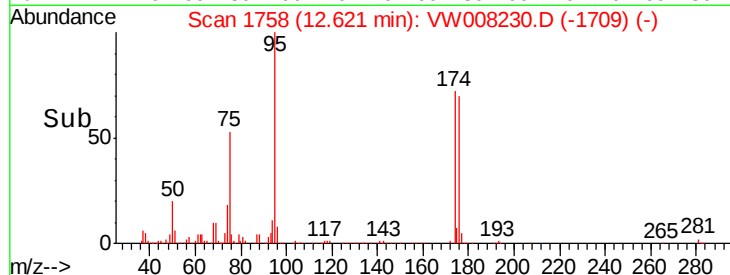
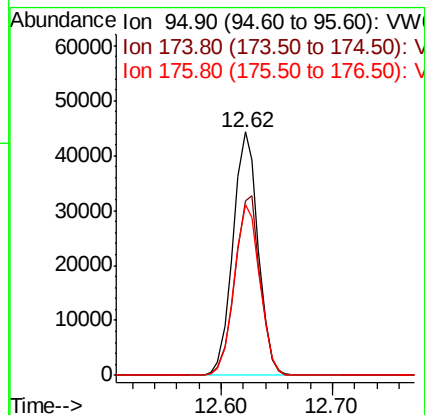
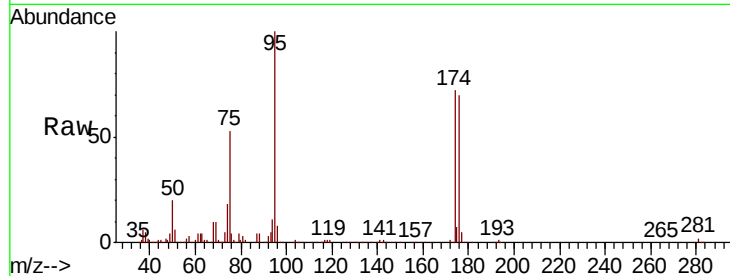
Tot Ion: 95 Resp: 69206

Ion Ratio Lower Upper

95 100

174 74.5 0.0 143.0

176 71.6 0.0 140.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW008230.D

Acq: 12 Jan 2019 09:21

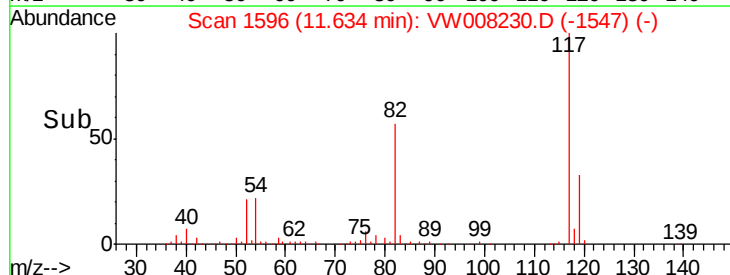
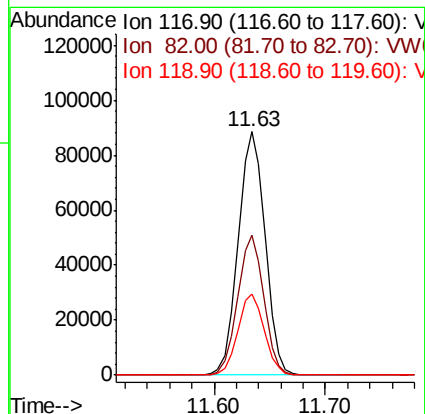
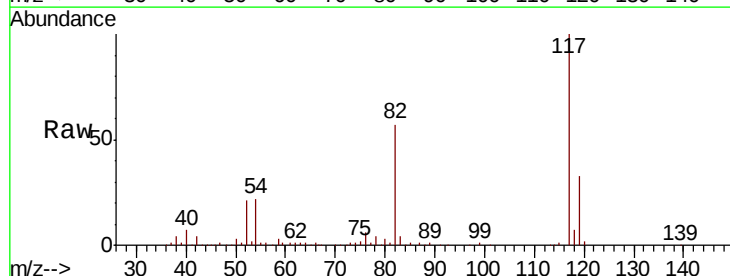
Tgt Ion: 117 Resp: 147531

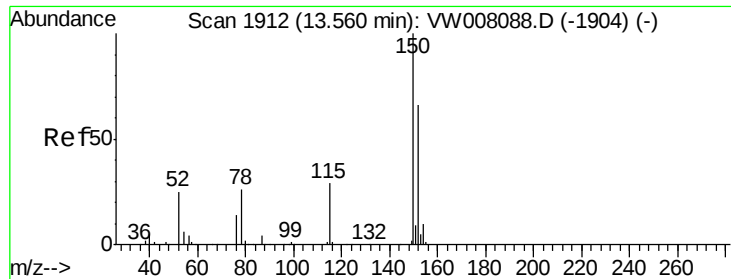
Ion Ratio Lower Upper

117 100

82 57.3 46.4 69.6

119 33.0 24.7 37.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008230.D

Acq: 12 Jan 2019 09:21

Instrument :

MSVOA_W

ClientSampleId :

SB-3I(16-16.5)

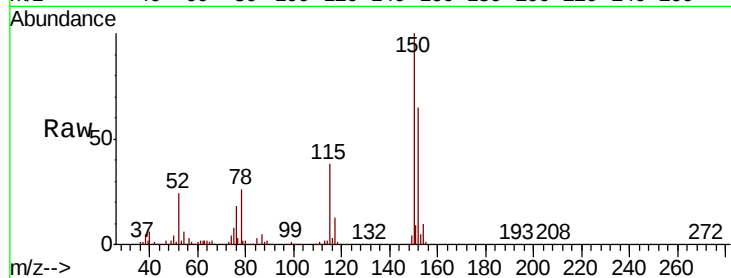
Tot Ion:152 Resp: 66593

Ion Ratio Lower Upper

152 100

115 59.7 30.8 92.4

150 163.0 0.0 350.2



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

