

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081919\
 Data File : VW012011.D
 Acq On : 20 Aug 2019 00:47
 Operator : SY/VA
 Sample : K4386-06
 Misc : 6.09G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T8-E3-(2)

Quant Time: Aug 20 06:51:06 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

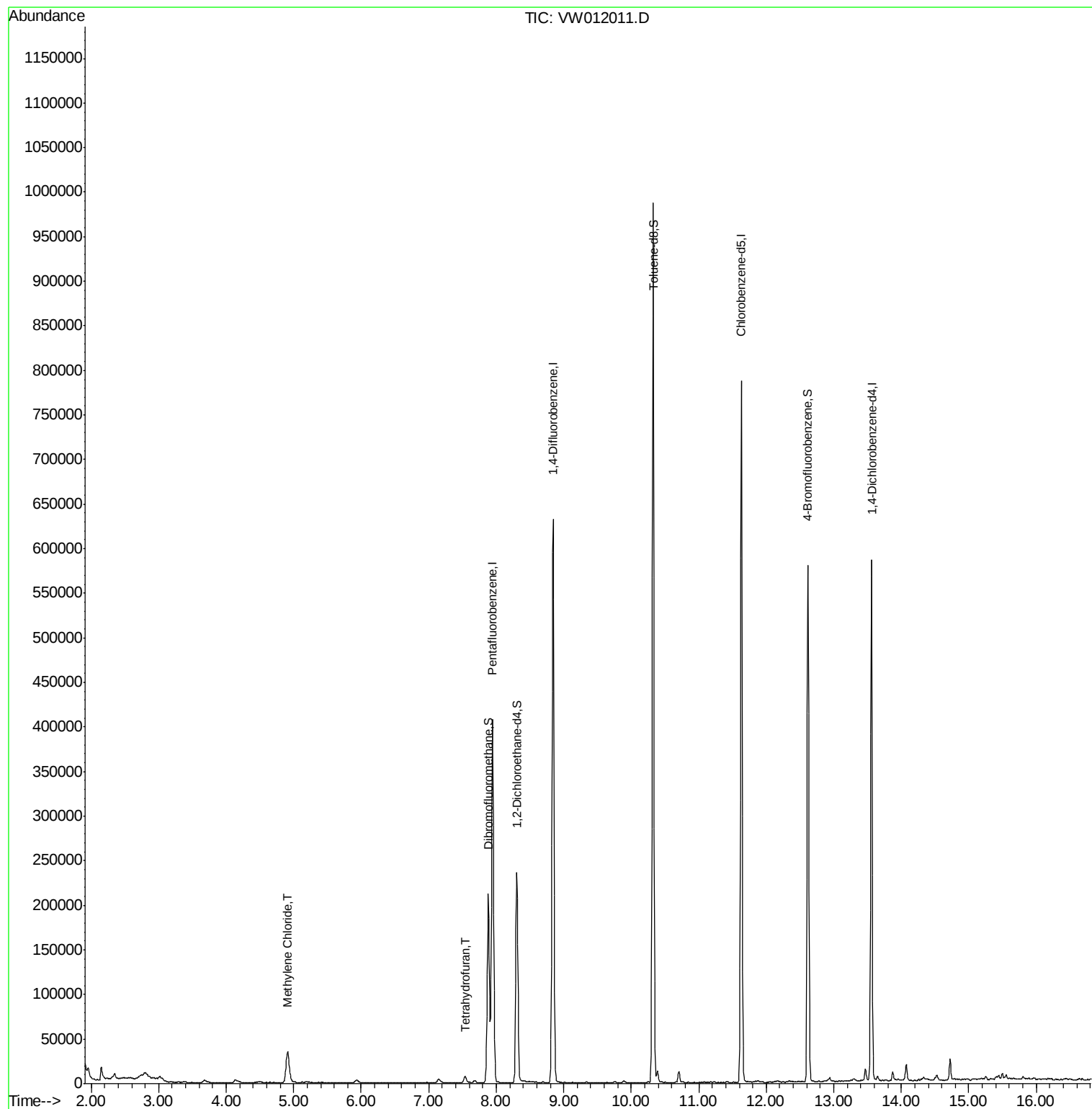
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	301069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	504447	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	416830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	148210	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	184716	53.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.86%	
35) Dibromofluoromethane	7.88	113	150678	53.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.48%	
50) Toluene-d8	10.32	98	623101	53.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.56%	
62) 4-Bromofluorobenzene	12.62	95	190557	46.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.26%	
Target Compounds						
20) Methylene Chloride	4.92	84	25426	6.704	ug/l	97
29) Tetrahydrofuran	7.54	42	6774	8.235	ug/l	95

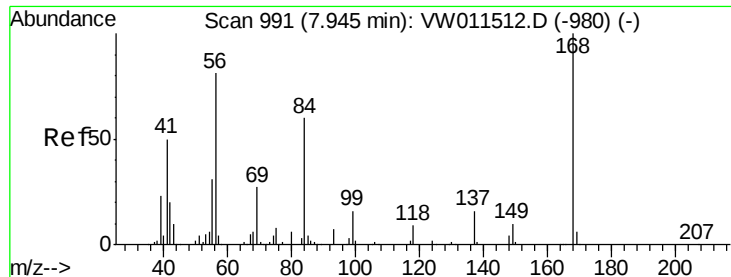
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012011.D

Acq: 20 Aug 2019 00:47

Instrument :

MSVOA_W

ClientSampleId :

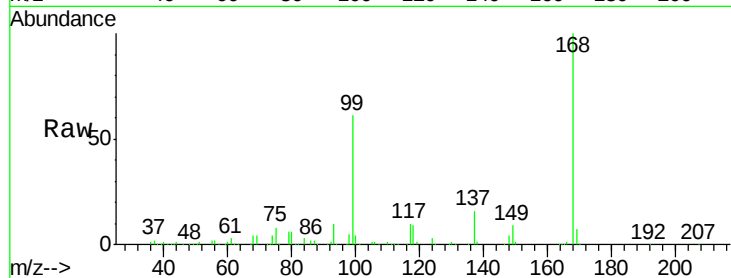
T8-E3-(2)

Tot Ion:168 Resp: 301069

Ion Ratio Lower Upper

168 100

99 61.0 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

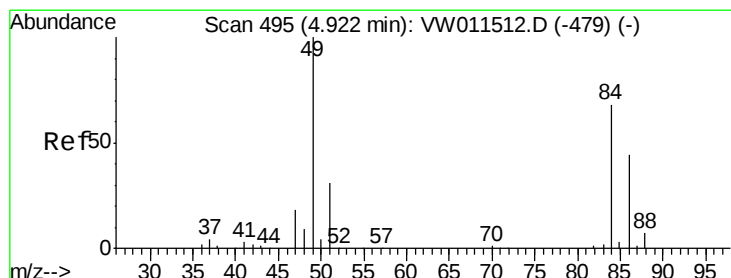
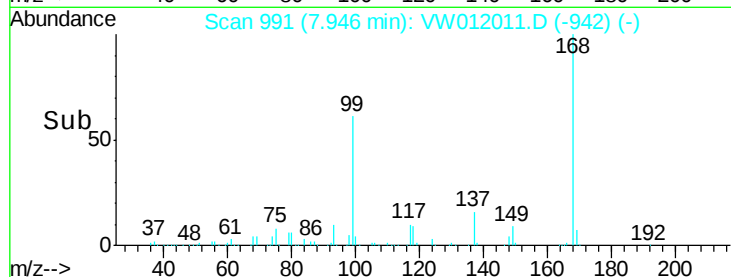
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 6.704 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012011.D

Acq: 20 Aug 2019 00:47

Tgt Ion: 84 Resp: 25426

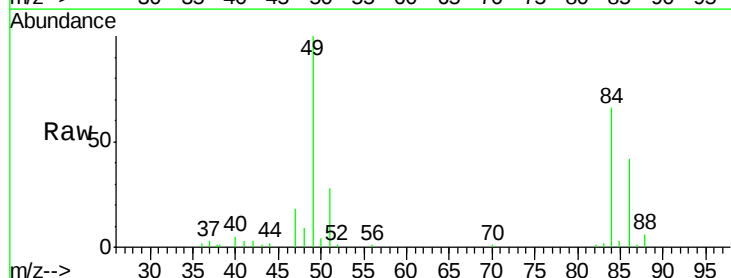
Ion Ratio Lower Upper

84 100

49 150.9 117.8 176.6

51 42.5 37.0 55.4

86 63.4 51.8 77.8



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

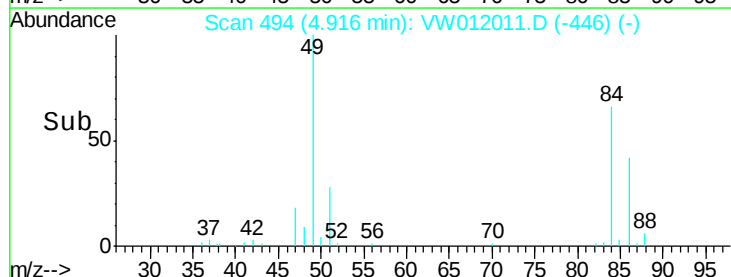
15000

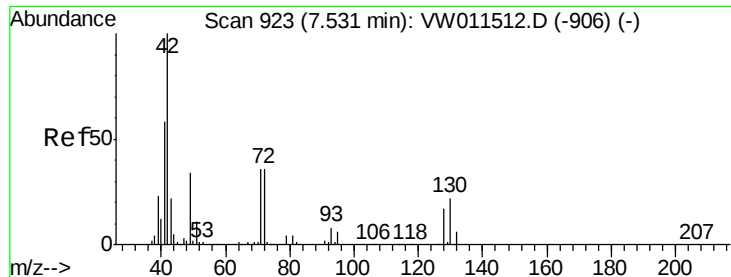
10000

5000

0

Time--> 4.80 4.90 5.00

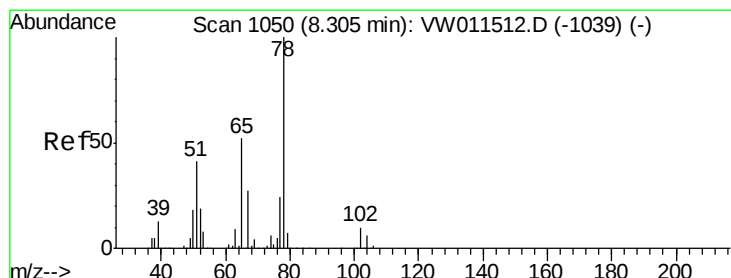
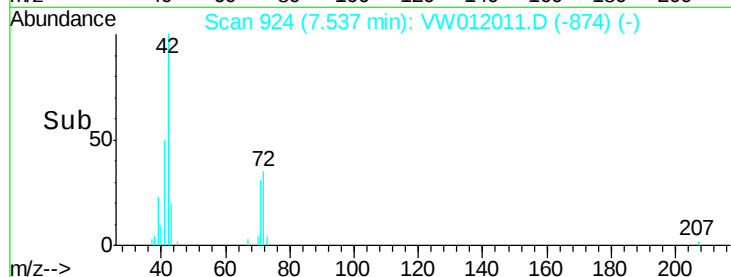
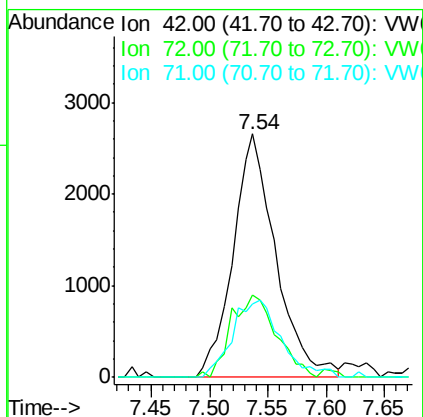
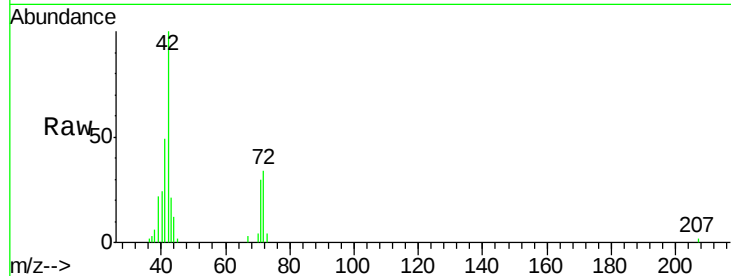




#29
Tetrahydrofuran
Concen: 8.235 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012011.D
Acq: 20 Aug 2019 00:47

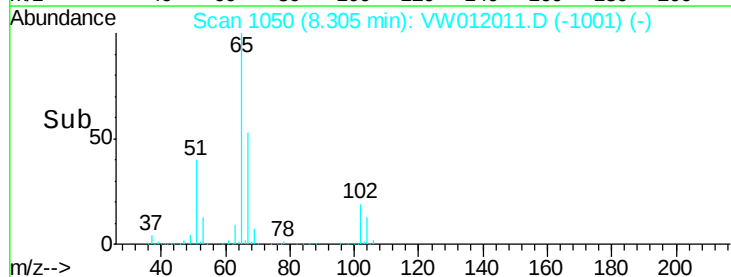
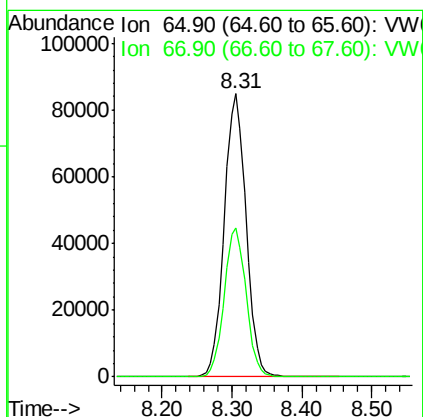
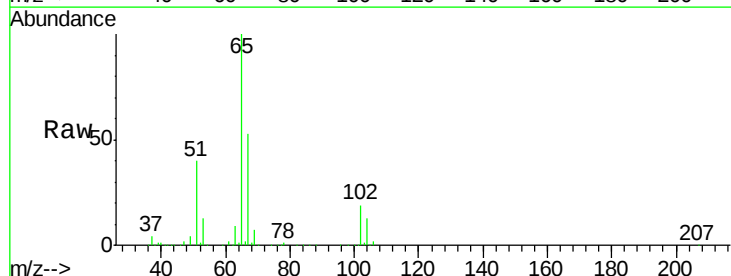
Instrument :
MSVOA_W
ClientSampled :
T8-E3-(2)

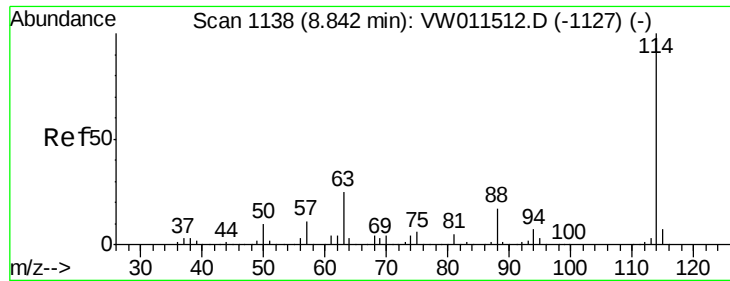
Tot Ion: 42 Resp: 6774
Ion Ratio Lower Upper
42 100
72 35.8 27.1 40.7
71 36.2 26.2 39.4



#33
1,2-Dichloroethane-d4
Concen: 53.431 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW012011.D
Acq: 20 Aug 2019 00:47

Tgt Ion: 65 Resp: 184716
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.2

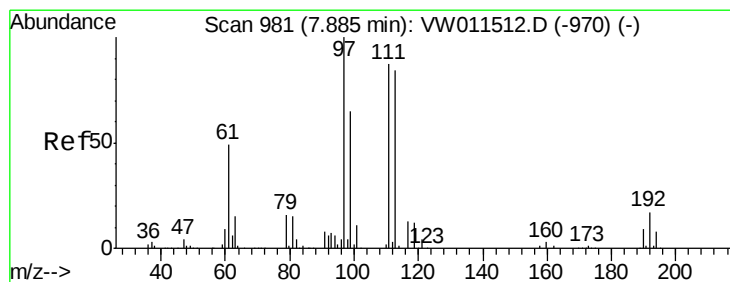
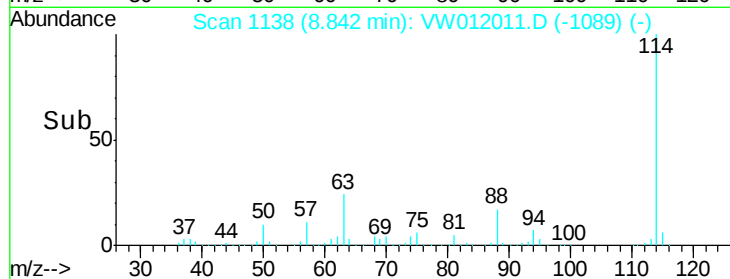
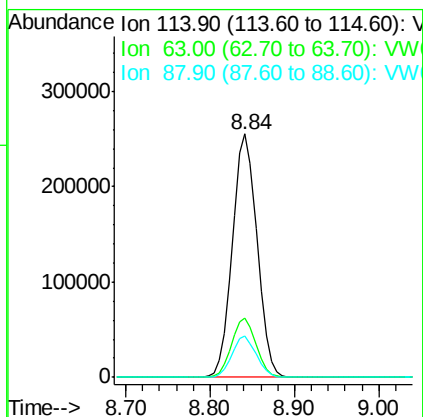
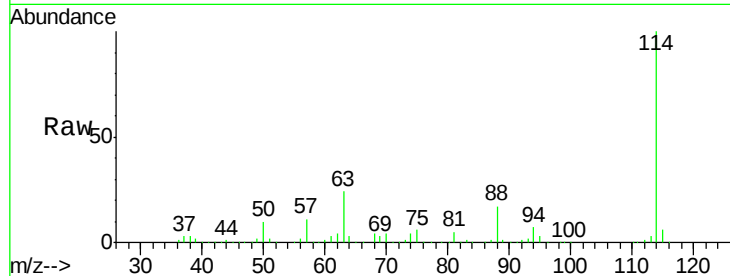




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012011.D
 Acq: 20 Aug 2019 00:47

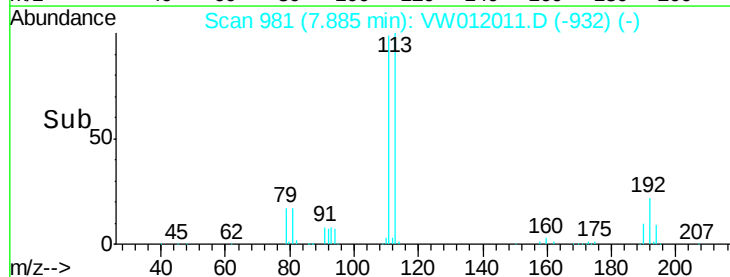
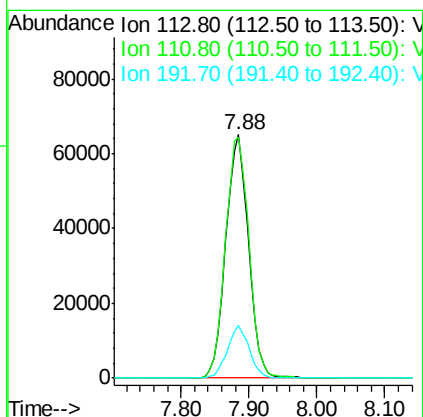
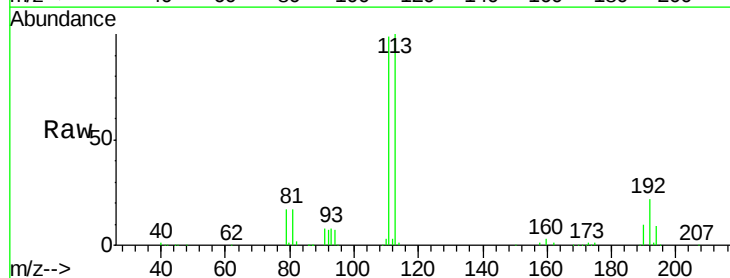
Instrument :
 MSVOA_W
 ClientSampleId :
 T8-E3-(2)

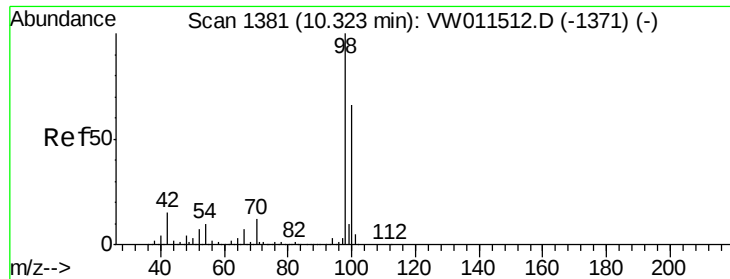
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.1	0.0	49.2
88	16.9	0.0	33.8



#35
 Dibromofluoromethane
 Concen: 53.242 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012011.D
 Acq: 20 Aug 2019 00:47

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.7	124.1
192	20.8	16.1	24.1





#50

Toluene-d8

Concen: 53.776 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012011.D

Acq: 20 Aug 2019 00:47

Instrument :

MSVOA_W

ClientSampleId :

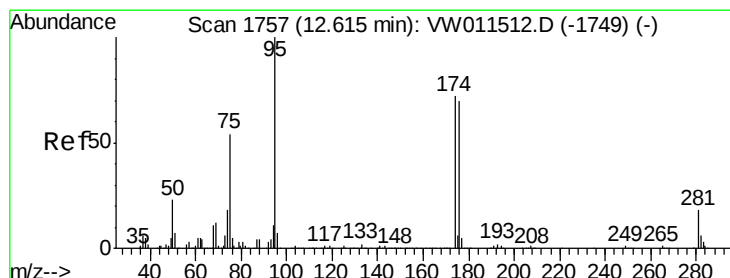
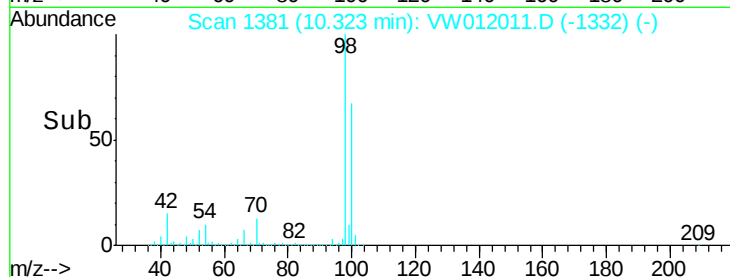
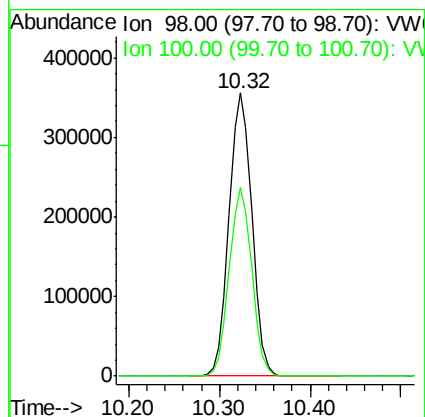
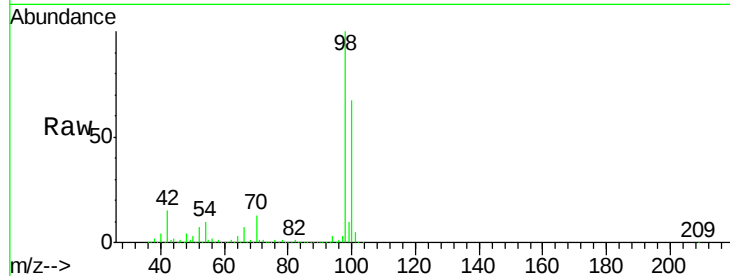
T8-E3-(2)

Tot Ion: 98 Resp: 623101

Ion Ratio Lower Upper

98 100

100 65.9 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 46.129 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012011.D

Acq: 20 Aug 2019 00:47

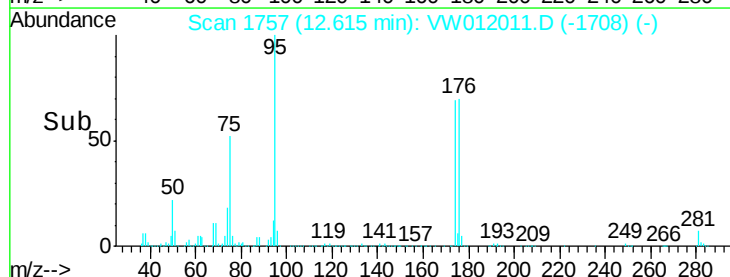
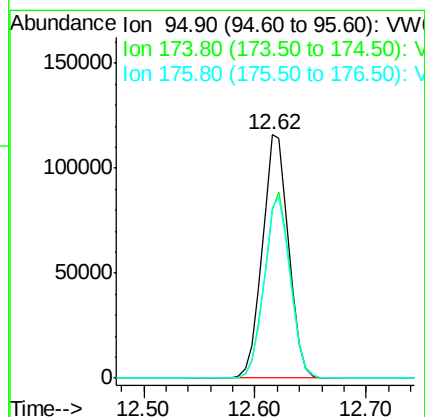
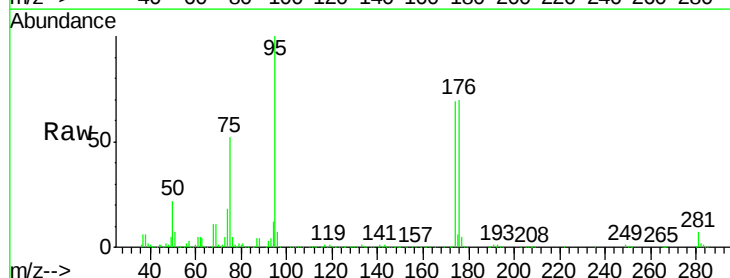
Tgt Ion: 95 Resp: 190557

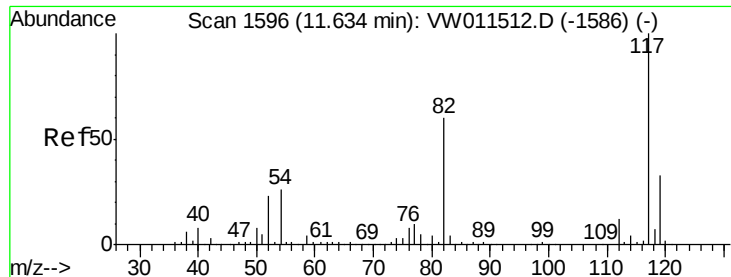
Ion Ratio Lower Upper

95 100

174 75.3 0.0 150.2

176 73.8 0.0 144.4

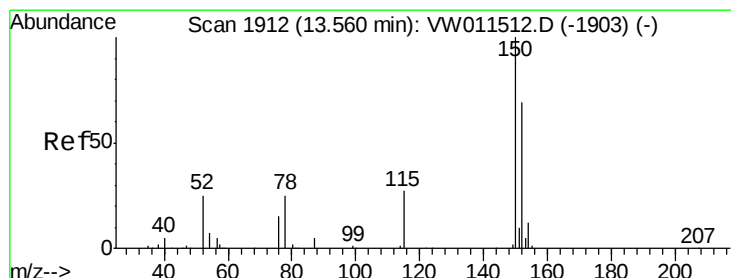
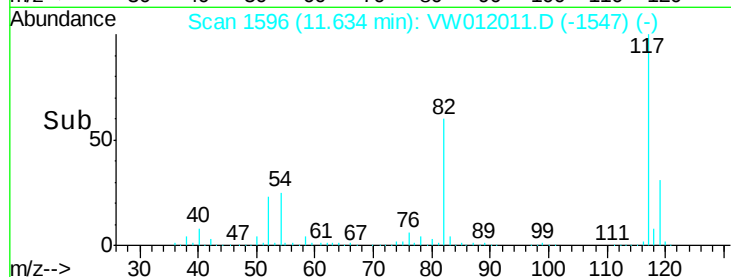
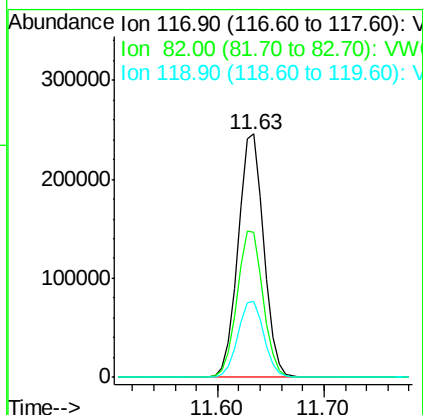
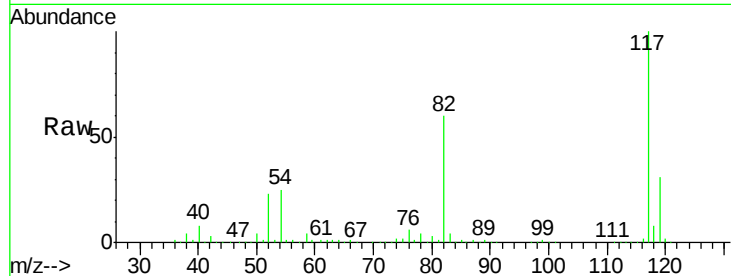




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW012011.D
Acq: 20 Aug 2019 00:47

Instrument :
MSVOA_W
ClientSampleId :
T8-E3-(2)

Tot Ion:117 Resp: 416830
Ion Ratio Lower Upper
117 100
82 59.8 47.9 71.9
119 31.3 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: VW012011.D
Acq: 20 Aug 2019 00:47

Tgt Ion:152 Resp: 148210
Ion Ratio Lower Upper
152 100
115 59.6 30.5 91.5
150 156.3 0.0 352.6

