

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082019\
 Data File : VW012047.D
 Acq On : 20 Aug 2019 23:05
 Operator : SY/VA
 Sample : K4387-12
 Misc : 4.09G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-A3-(0)

Quant Time: Aug 21 02:18:41 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

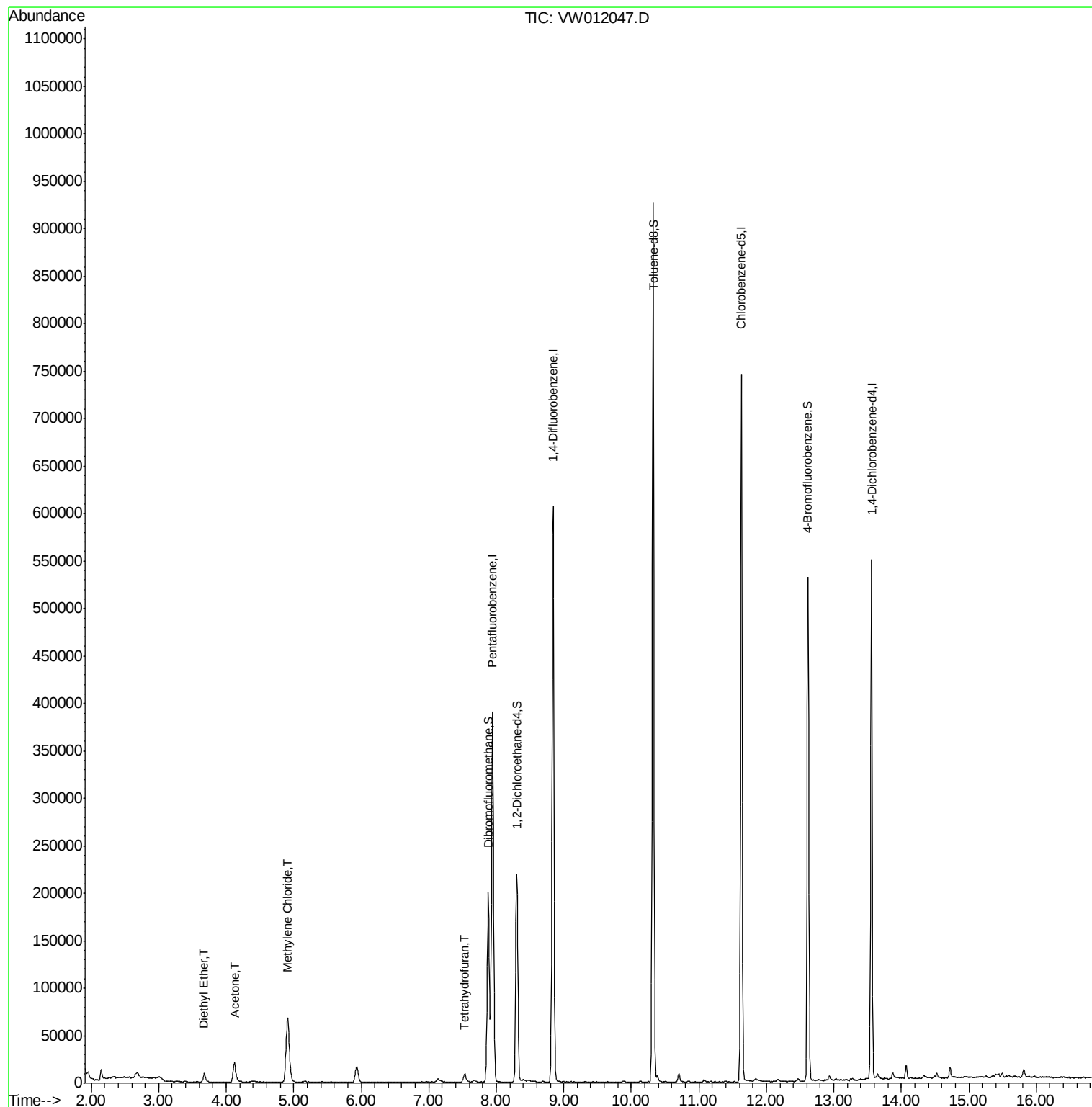
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	286846	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	479098	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	395176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	136839	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	175623	53.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.64%	
35) Dibromofluoromethane	7.88	113	143794	53.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.00%	
50) Toluene-d8	10.32	98	589644	53.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.16%	
62) 4-Bromofluorobenzene	12.62	95	178004	45.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.74%	
Target Compounds						
8) Diethyl Ether	3.67	74	4422	2.615	ug/l	91
16) Acetone	4.12	43	38745	36.979	ug/l	97
20) Methylene Chloride	4.91	84	51998	14.390	ug/l	97
29) Tetrahydrofuran	7.53	42	7977	10.179	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: VW012047.D

Acq: 20 Aug 2019 23:05

Instrument :

MSVOA_W

ClientSampleId :

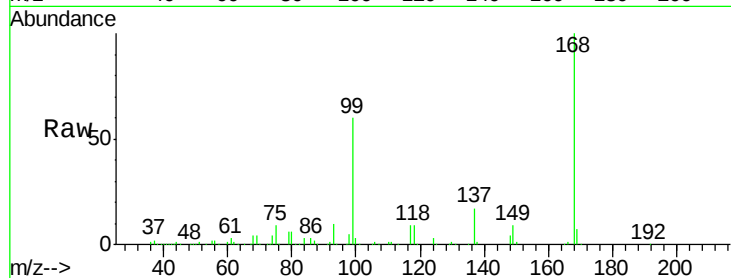
T4-A3-(0)

Tot Ion:168 Resp: 286846

Ion Ratio Lower Upper

168 100

99 59.6 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

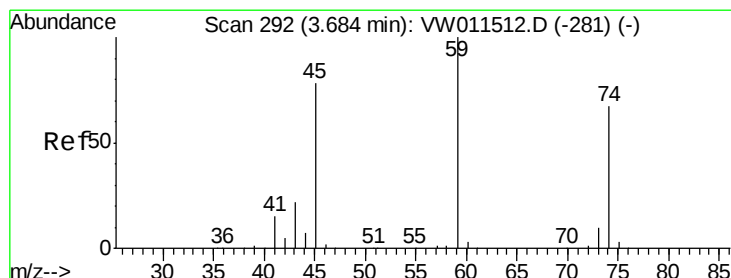
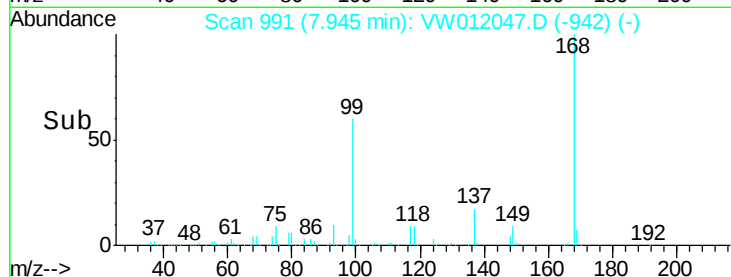
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 2.615 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW012047.D

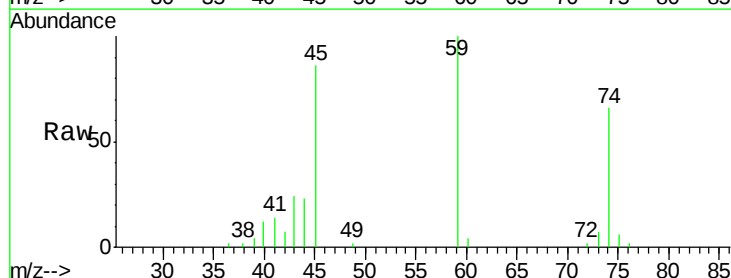
Acq: 20 Aug 2019 23:05

Tgt Ion: 74 Resp: 4422

Ion Ratio Lower Upper

74 100

45 129.0 59.6 178.8



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.67

2500

2000

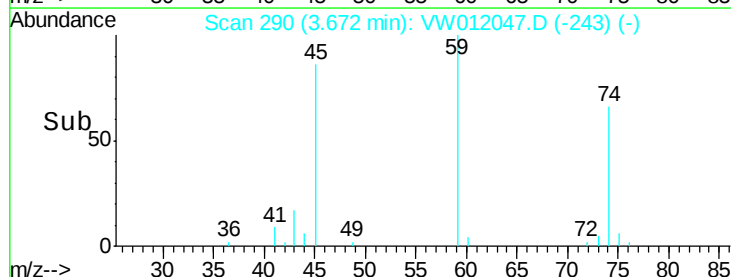
1500

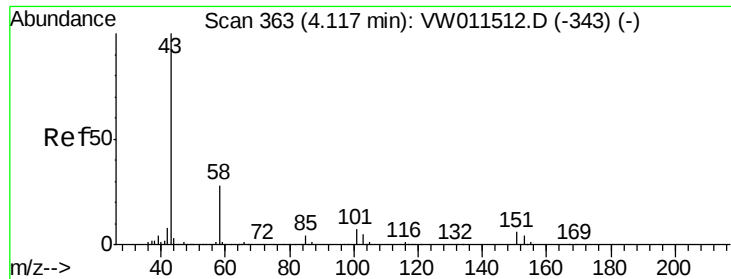
1000

500

0

Time--> 3.60 3.65 3.70 3.75

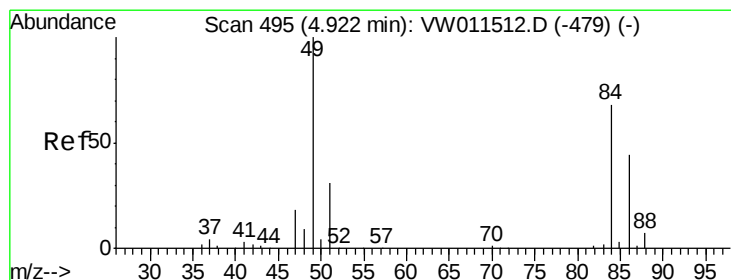
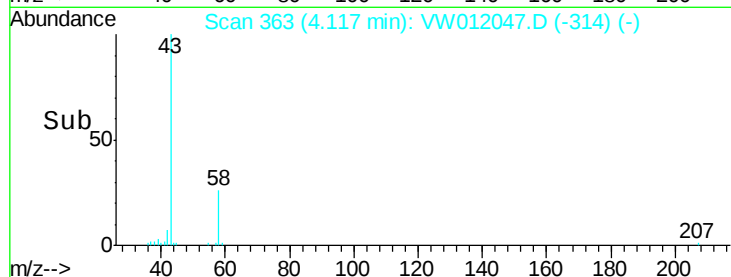
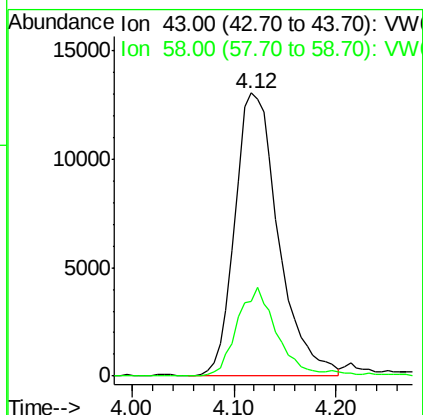
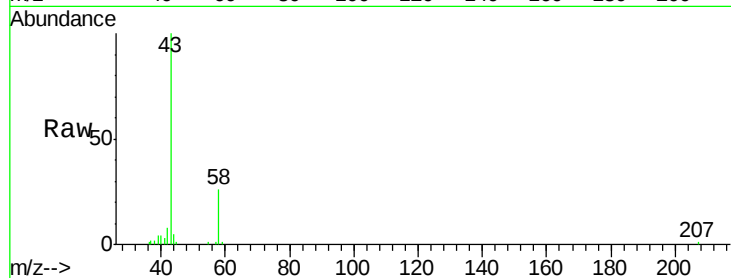




#16
Acetone
Concen: 36.979 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW012047.D
Acq: 20 Aug 2019 23:05

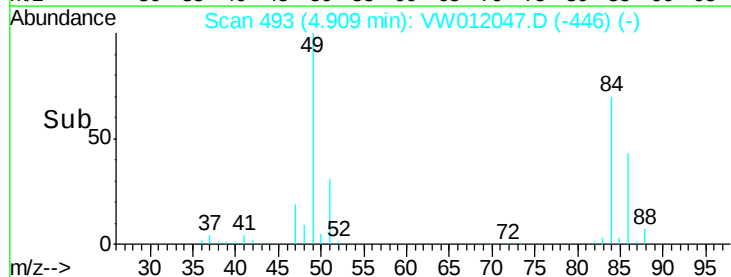
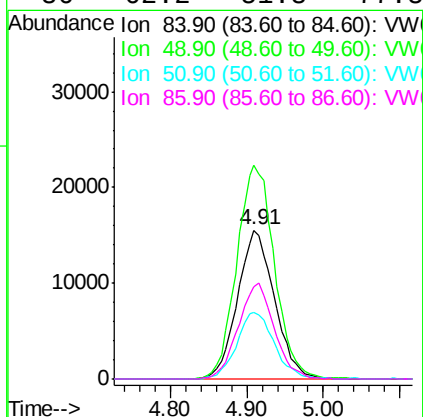
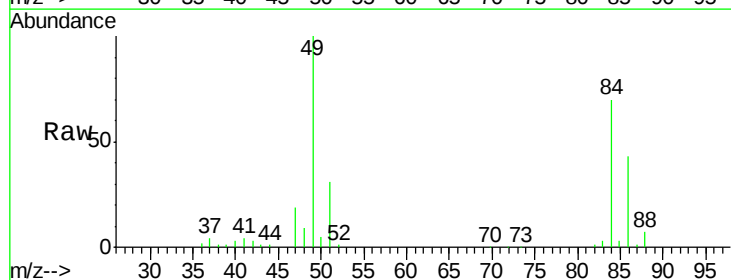
Instrument :
MSVOA_W
ClientSampled :
T4-A3-(0)

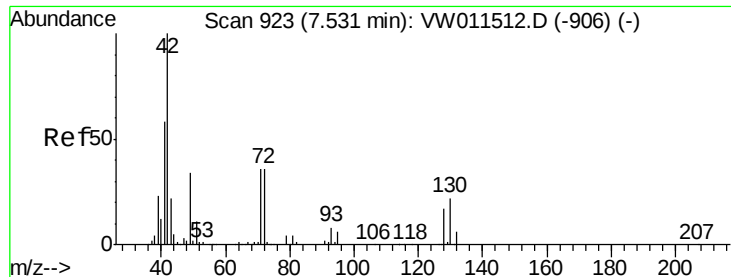
Tot Ion: 43 Resp: 38745
Ion Ratio Lower Upper
43 100
58 26.2 22.3 33.5



#20
Methylene Chloride
Concen: 14.390 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012047.D
Acq: 20 Aug 2019 23:05

Tgt Ion: 84 Resp: 51998
Ion Ratio Lower Upper
84 100
49 143.5 117.8 176.6
51 44.8 37.0 55.4
86 62.2 51.8 77.8

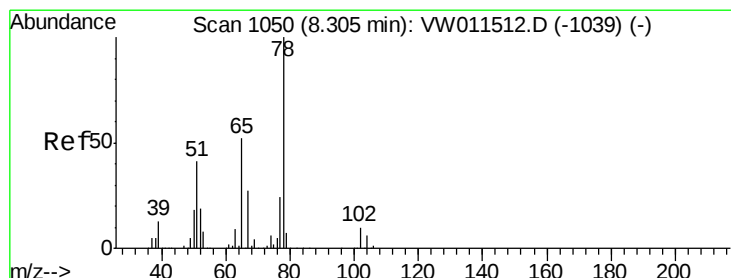
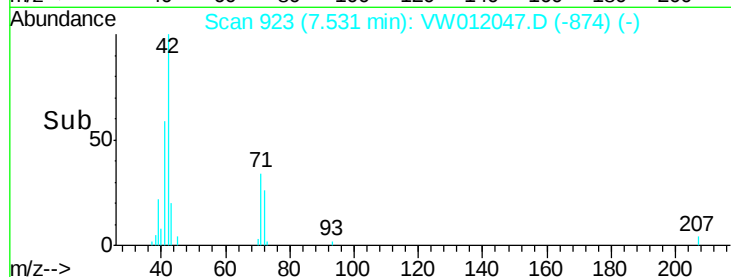
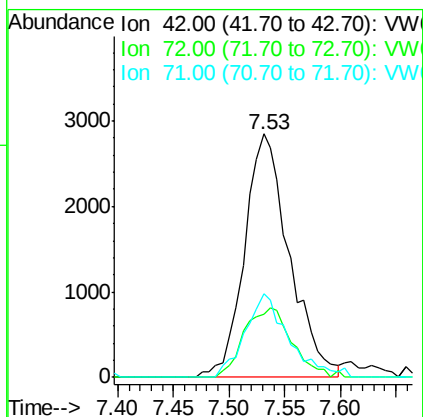
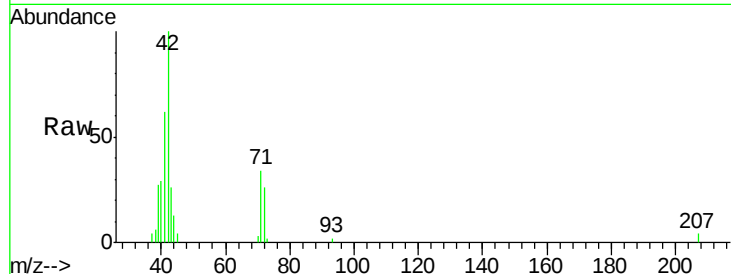




#29
Tetrahydrofuran
Concen: 10.179 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012047.D
Acq: 20 Aug 2019 23:05

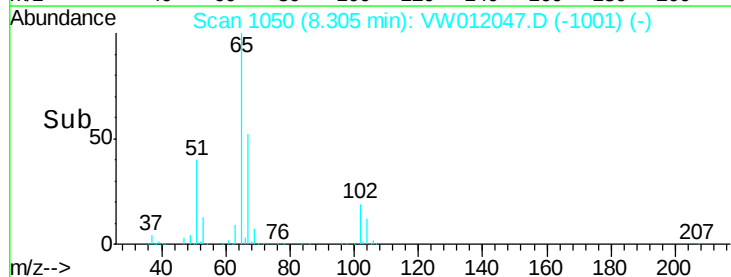
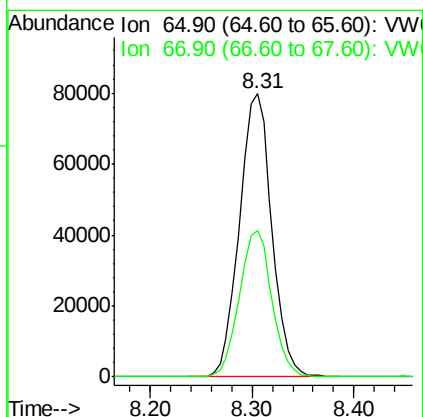
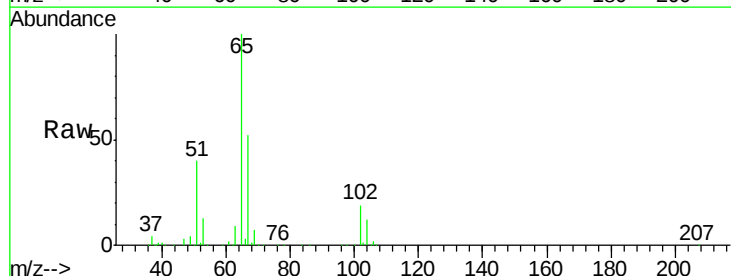
Instrument :
MSVOA_W
ClientSampled :
T4-A3-(0)

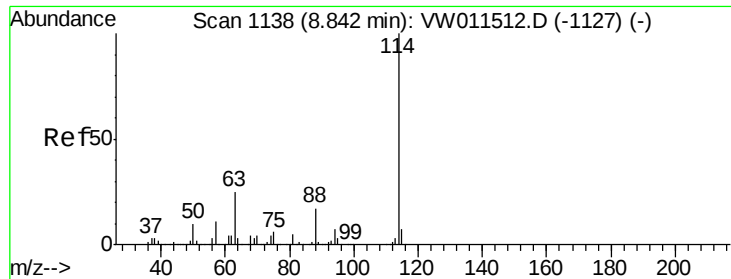
Tot Ion	42	Resp	7977
Ion	Ratio	Lower	Upper
42	100		
72	30.7	27.1	40.7
71	33.1	26.2	39.4



#33
1,2-Dichloroethane-d4
Concen: 53.319 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012047.D
Acq: 20 Aug 2019 23:05

Tgt Ion	65	Resp	175623
Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	105.2

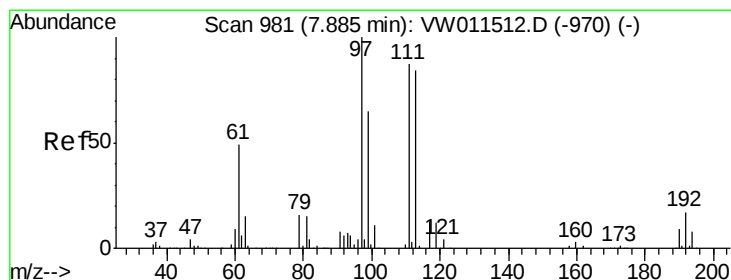
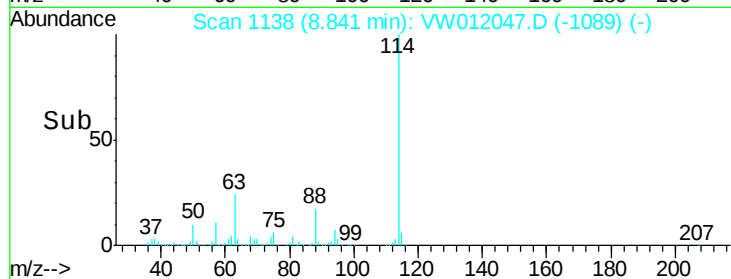
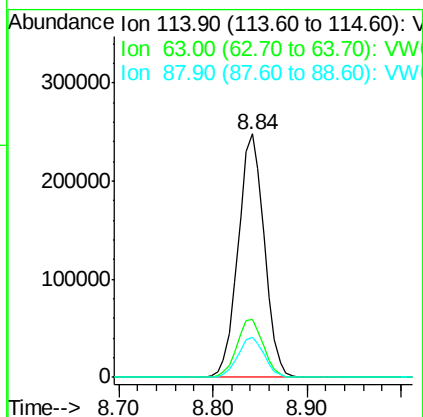
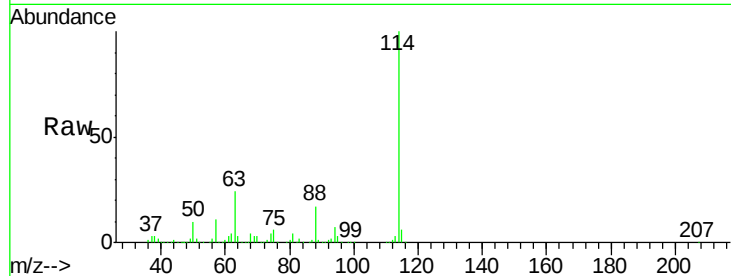




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012047.D
 Acq: 20 Aug 2019 23:05

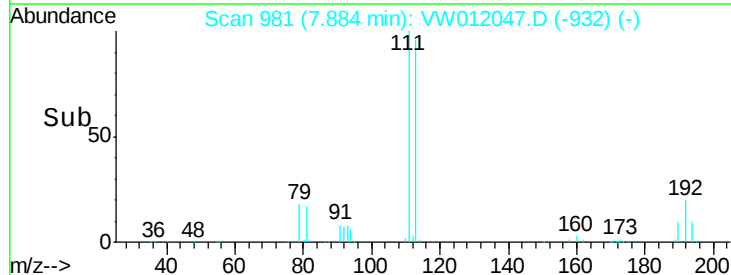
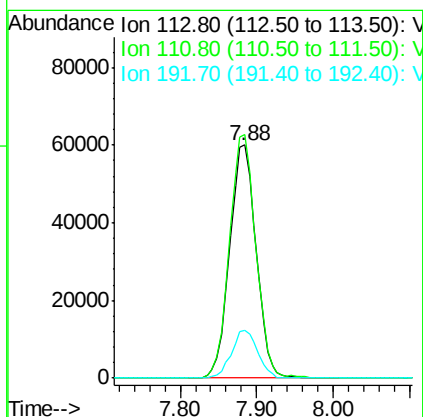
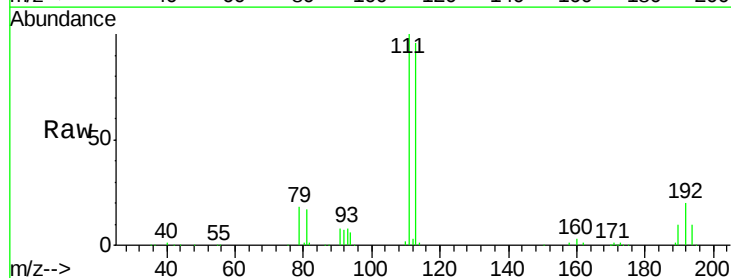
Instrument :
 MSVOA_W
 ClientSampleId :
 T4-A3-(0)

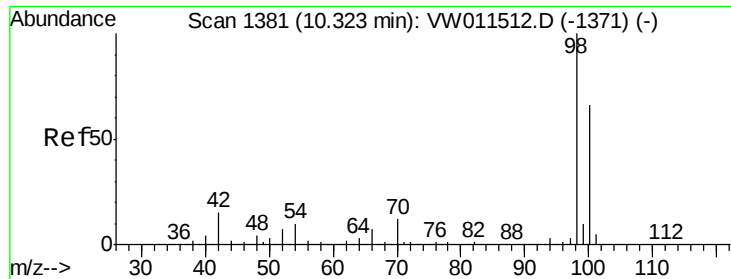
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.8	0.0	49.2
88	16.5	0.0	33.8



#35
 Dibromofluoromethane
 Concen: 53.498 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012047.D
 Acq: 20 Aug 2019 23:05

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.7	124.1
192	20.3	16.1	24.1





#50

Toluene-d8

Concen: 53.581 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012047.D

Acq: 20 Aug 2019 23:05

Instrument :

MSVOA_W

ClientSampleId :

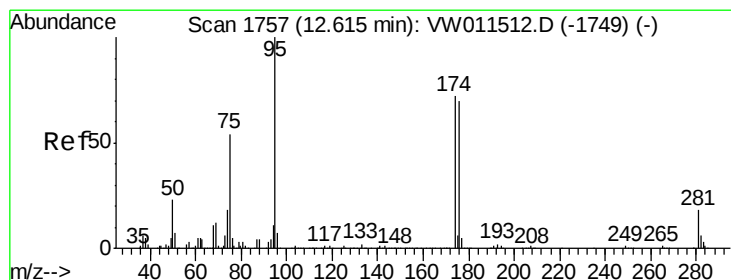
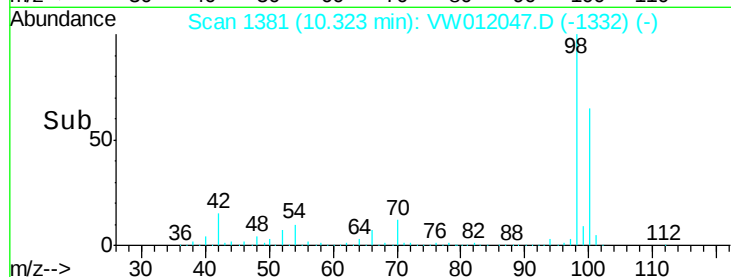
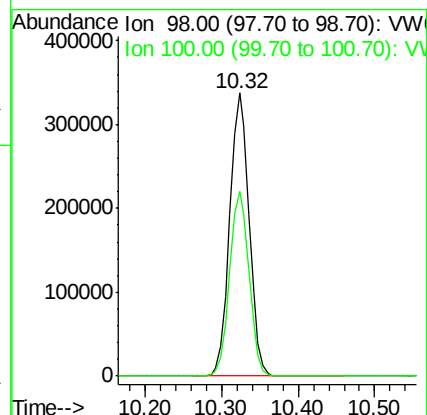
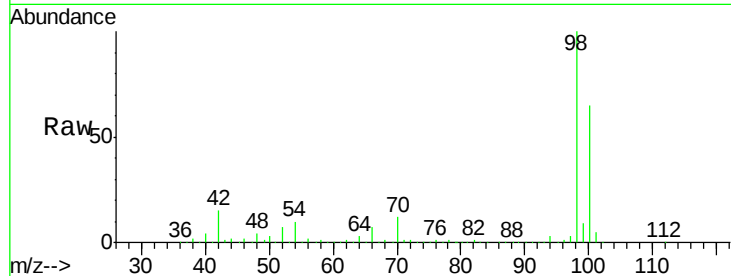
T4-A3-(0)

Tot Ion: 98 Resp: 589644

Ion Ratio Lower Upper

98 100

100 65.5 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 45.370 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW012047.D

Acq: 20 Aug 2019 23:05

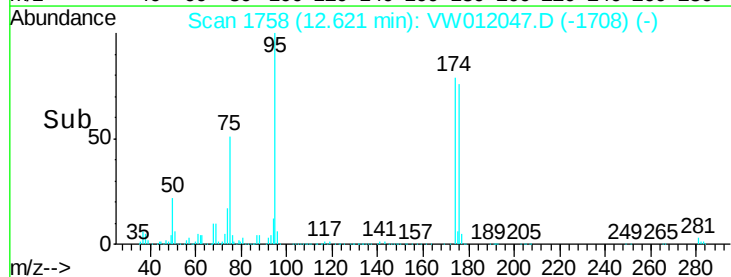
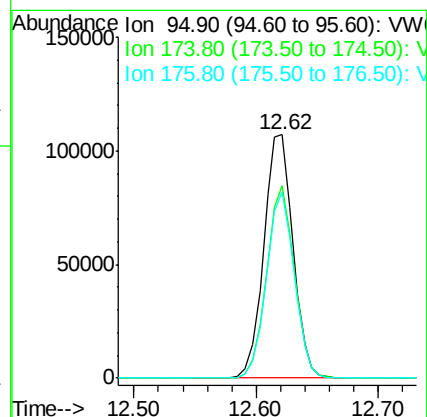
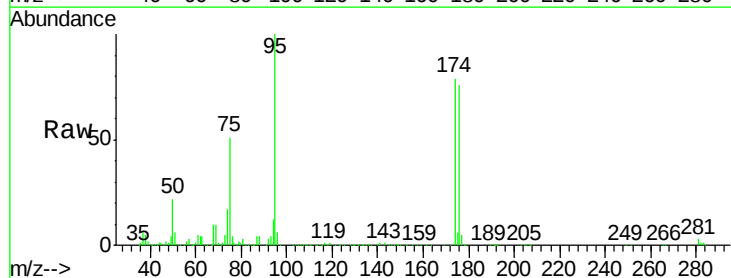
Tgt Ion: 95 Resp: 178004

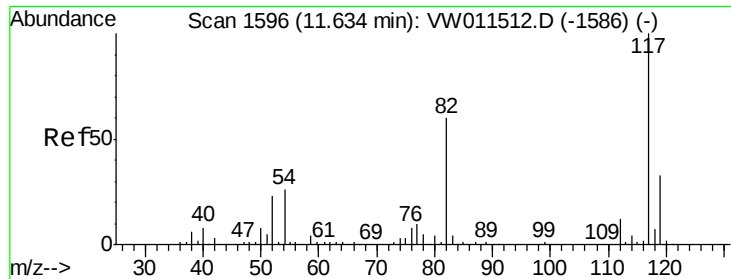
Ion Ratio Lower Upper

95 100

174 75.2 0.0 150.2

176 73.1 0.0 144.4

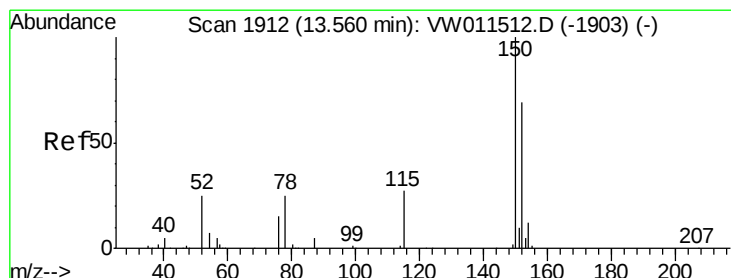
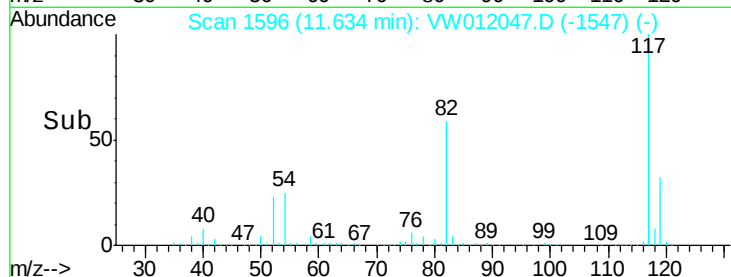
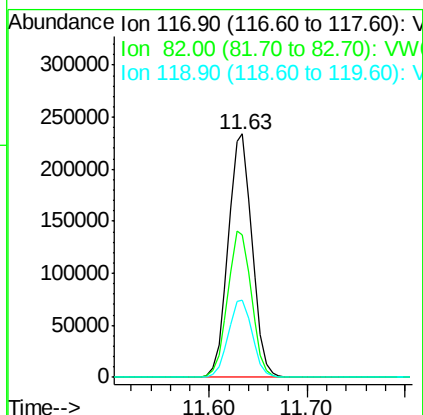
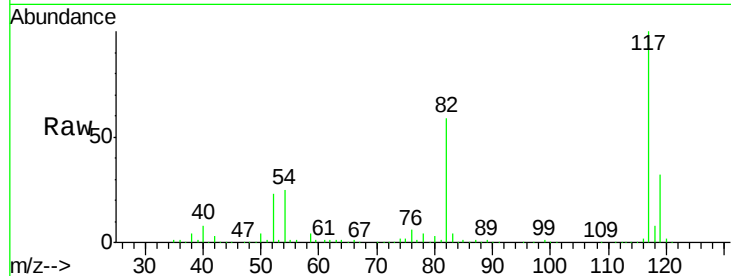




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012047.D
Acq: 20 Aug 2019 23:05

Instrument :
MSVOA_W
ClientSampleId :
T4-A3-(0)

Tot Ion:117 Resp: 395176
Ion Ratio Lower Upper
117 100
82 58.7 47.9 71.9
119 31.6 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: VW012047.D
Acq: 20 Aug 2019 23:05

Tgt Ion:152 Resp: 136839
Ion Ratio Lower Upper
152 100
115 59.5 30.5 91.5
150 155.8 0.0 352.6

