

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082919\
 Data File : VW012312.D
 Acq On : 29 Aug 2019 19:04
 Operator : SY/VA
 Sample : K4472-10
 Misc : 5.41G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T2-S1-(2.5)

Quant Time: Aug 30 08:02:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

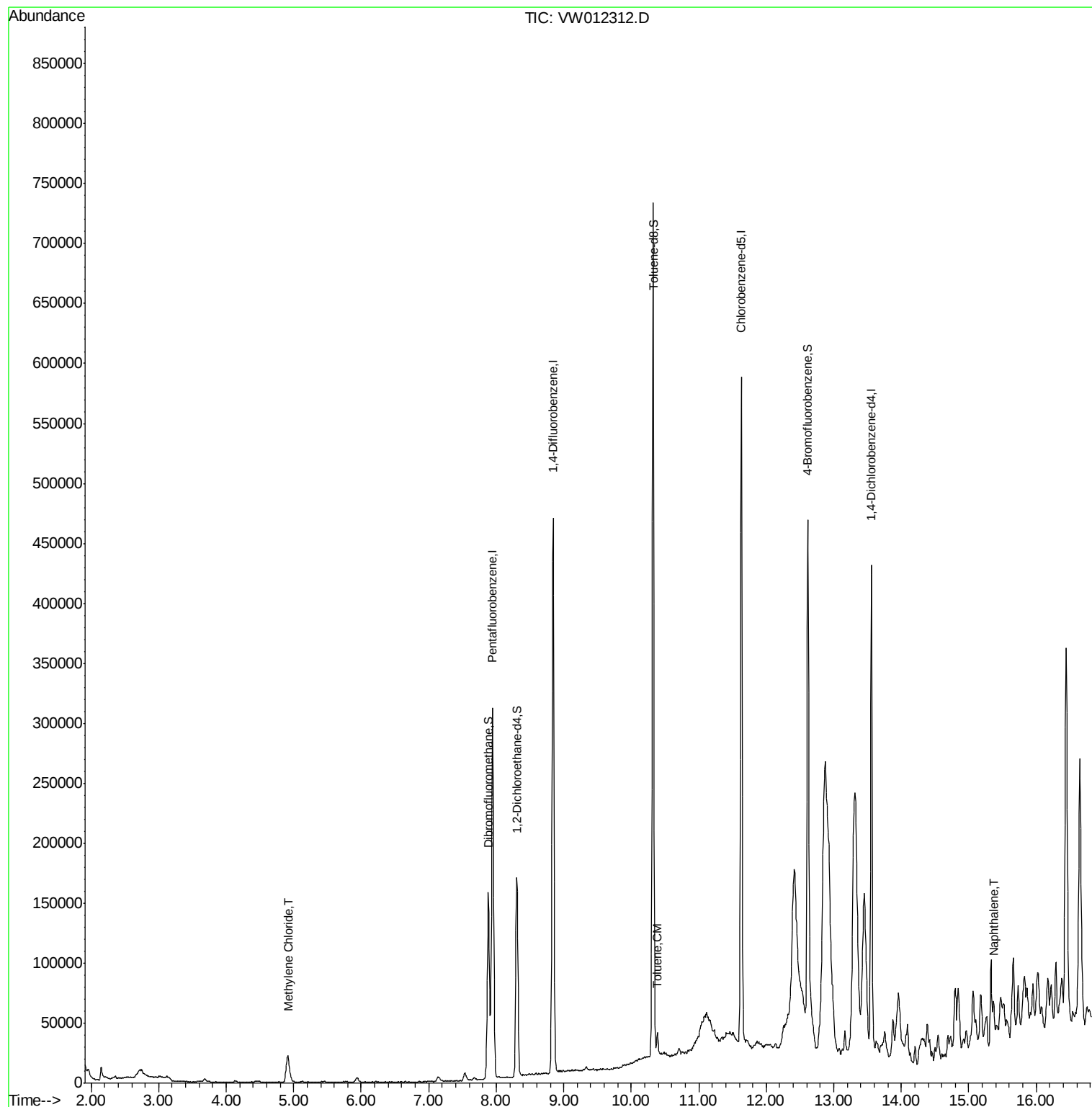
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	224203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	367396	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	290477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	102663	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	134486	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.92%	
35) Dibromofluoromethane	7.88	113	109328	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
50) Toluene-d8	10.32	98	452212	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.62	95	143482	45.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.56%	
Target Compounds						
20) Methylene Chloride	4.92	84	16899	6.561	ug/l	94
52) Toluene	10.38	92	7441	1.195	ug/l	100
95) Naphthalene	15.36	128	28452	11.033	ug/l	99

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

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Quant Title : SW846 8260
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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: VW012312.D

Acq: 29 Aug 2019 19:04

Instrument :

MSVOA_W

ClientSampleId :

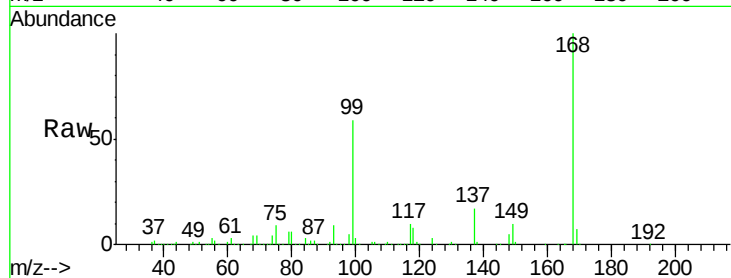
T2-S1-(2.5)

Tot Ion:168 Resp: 224203

Ion Ratio Lower Upper

168 100

99 58.9 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

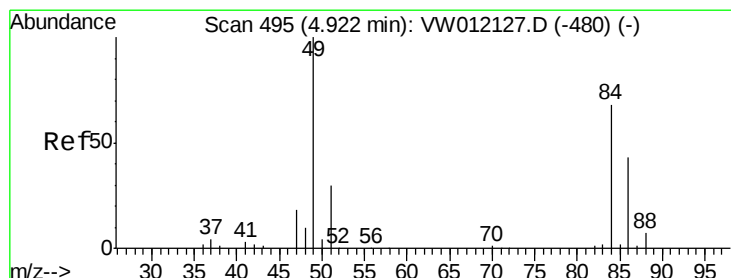
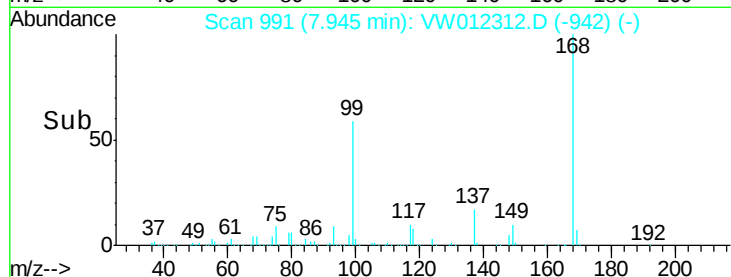
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 6.561 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012312.D

Acq: 29 Aug 2019 19:04

Tgt Ion: 84 Resp: 16899

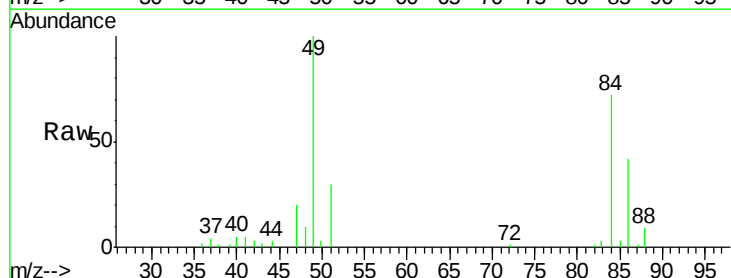
Ion Ratio Lower Upper

84 100

49 139.6 117.8 176.8

51 42.2 35.6 53.4

86 59.3 51.2 76.8



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

10000

8000

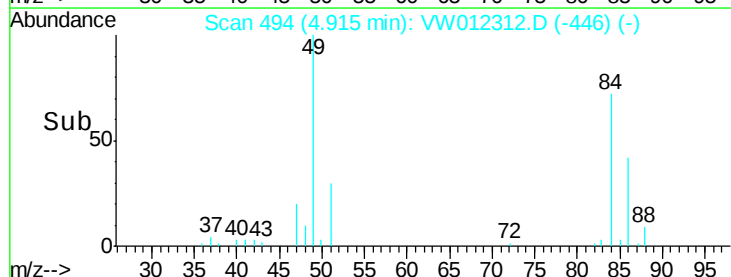
6000

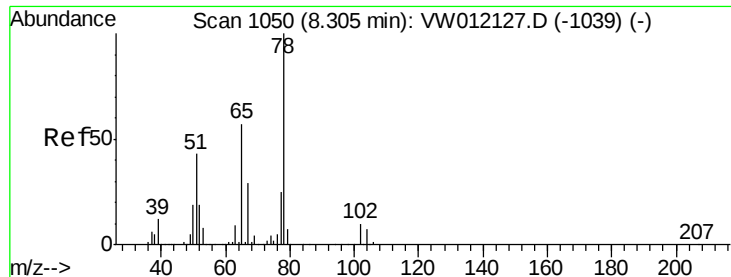
4000

2000

0

Time--> 4.80 4.90 5.00 5.10

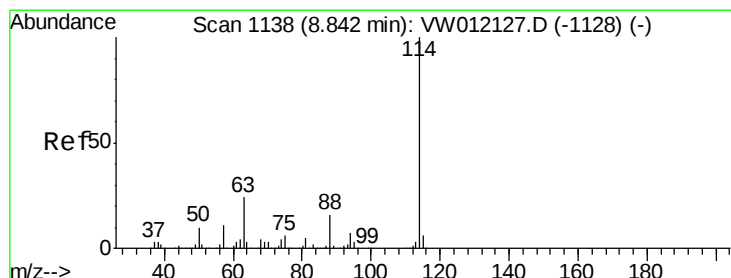
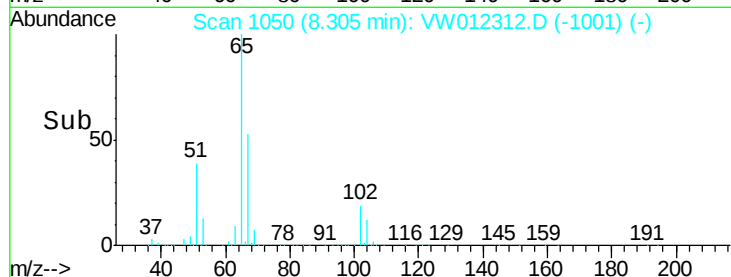
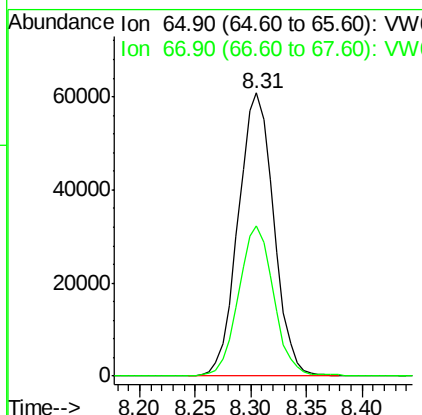
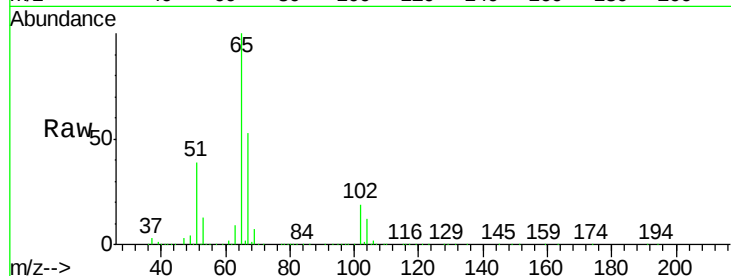




#33
 1,2-Dichloroethane-d4
 Concen: 50.460 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012312.D
 Acq: 29 Aug 2019 19:04

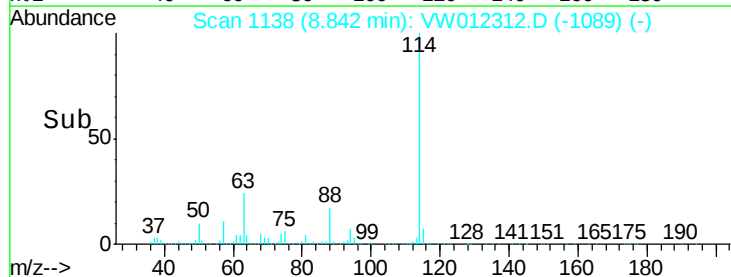
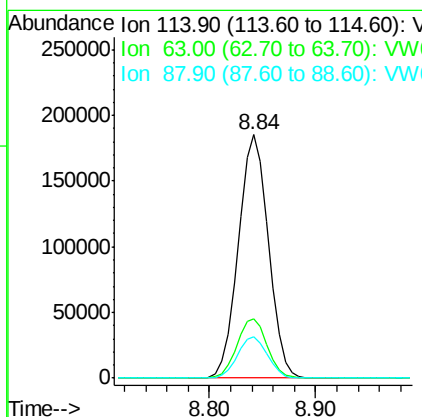
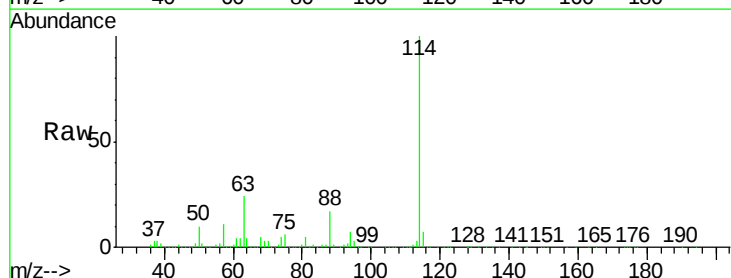
Instrument :
 MSVOA_W
 ClientSampleId :
 T2-S1-(2.5)

Tot Ion: 65 Resp: 134486
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012312.D
 Acq: 29 Aug 2019 19:04

Tgt Ion: 114 Resp: 367396
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 48.6
 88 16.7 0.0 32.2

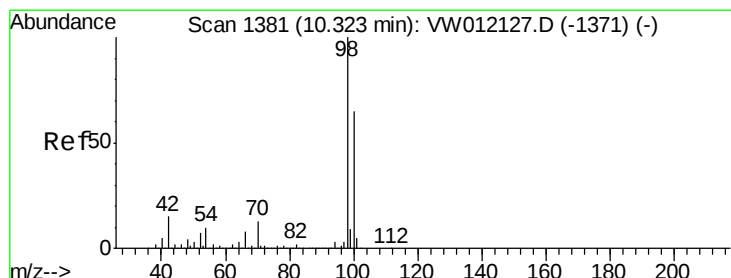
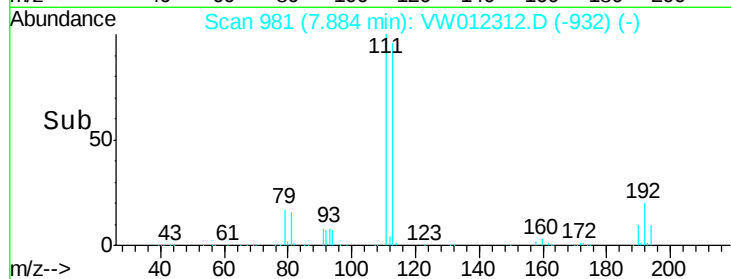
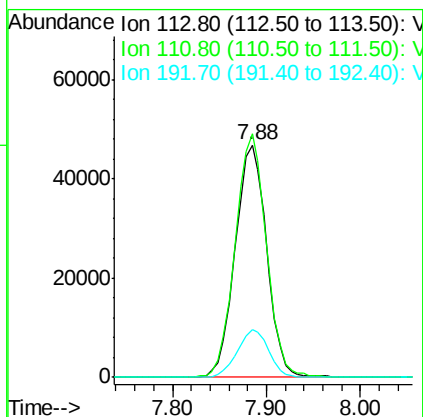
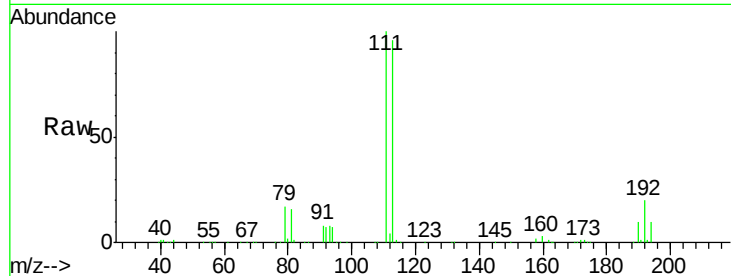




#35
 Dibromofluoromethane
 Concen: 49.853 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012312.D
 Acq: 29 Aug 2019 19:04

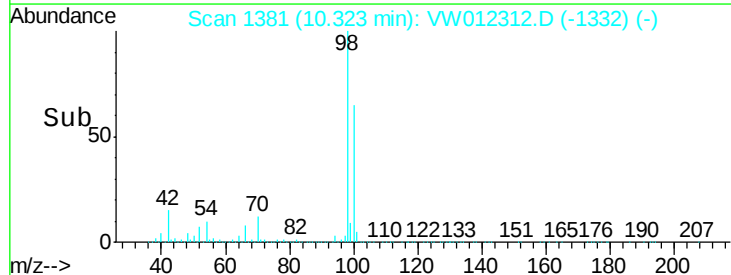
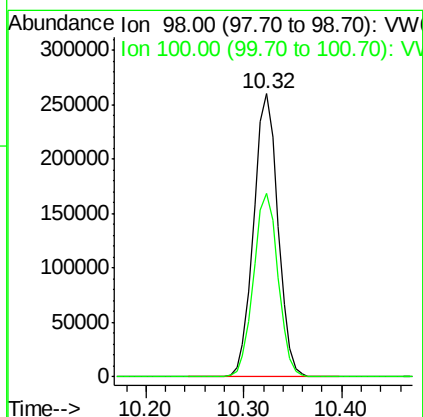
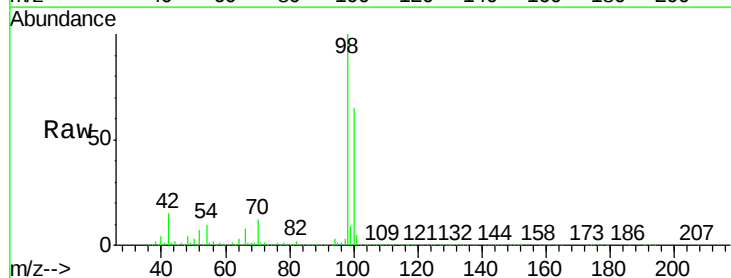
Instrument :
 MSVOA_W
 ClientSampleId :
 T2-S1-(2.5)

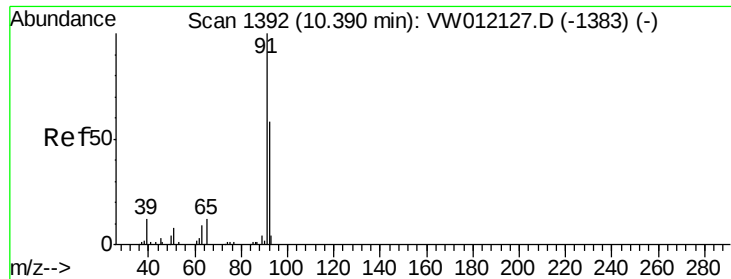
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.7	124.1
192	20.6	16.2	24.2



#50
 Toluene-d8
 Concen: 50.856 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012312.D
 Acq: 29 Aug 2019 19:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.4	78.6





#52

Toluene

Concen: 1.195 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW012312.D

Acq: 29 Aug 2019 19:04

Instrument :

MSVOA_W

ClientSampleId :

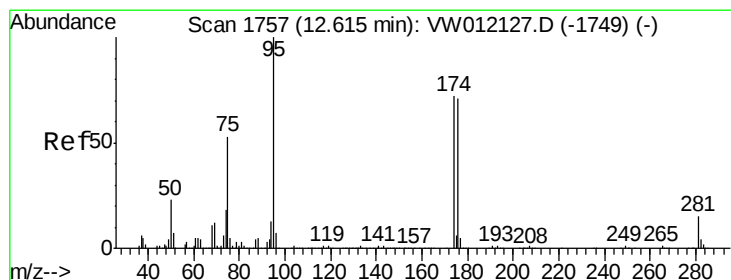
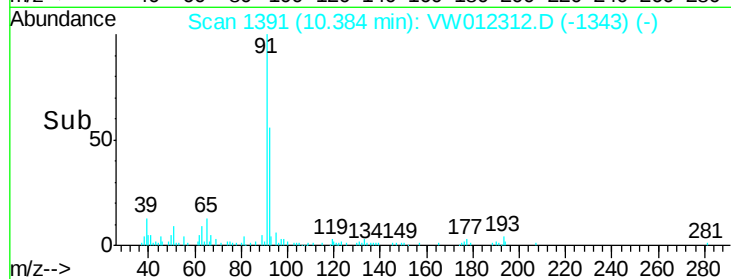
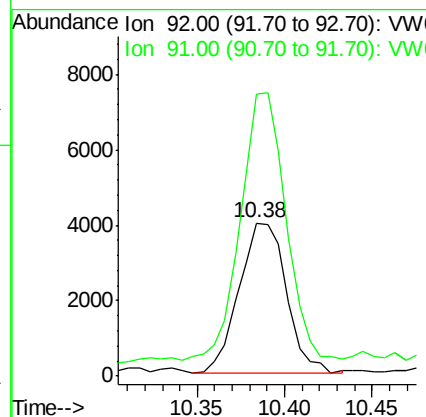
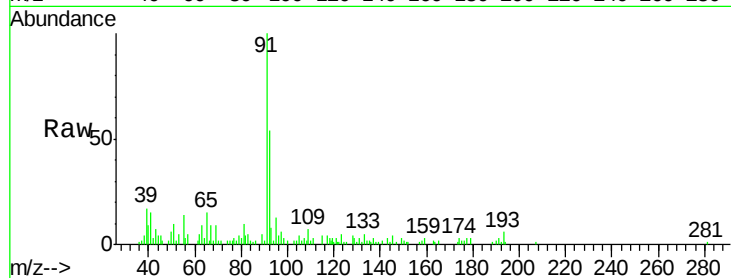
T2-S1-(2.5)

Tot Ion: 92 Resp: 7441

Ion Ratio Lower Upper

92 100

91 171.2 136.6 204.8



#62

4-Bromofluorobenzene

Concen: 45.776 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012312.D

Acq: 29 Aug 2019 19:04

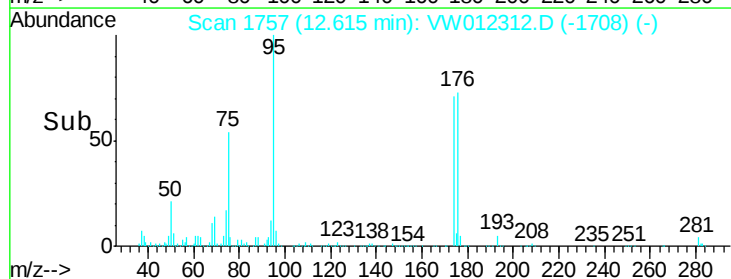
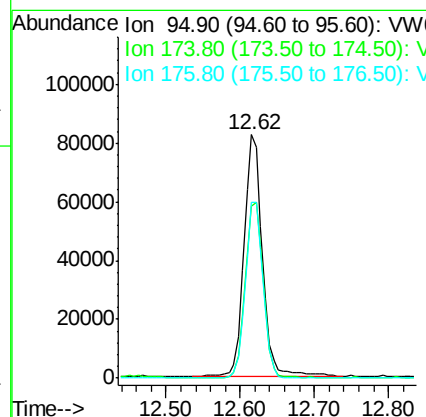
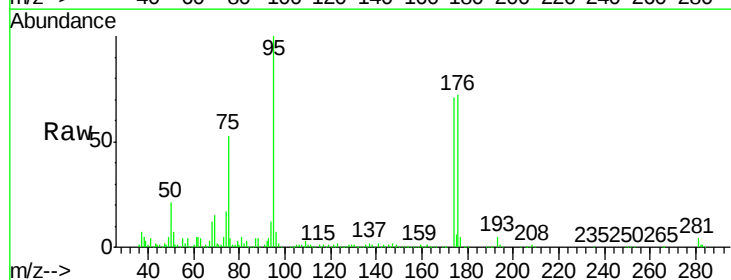
Tgt Ion: 95 Resp: 143482

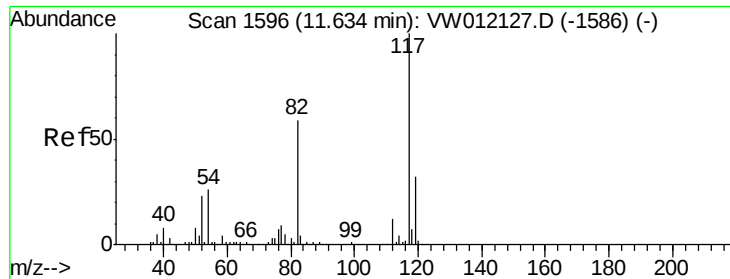
Ion Ratio Lower Upper

95 100

174 70.5 0.0 150.8

176 69.3 0.0 148.6

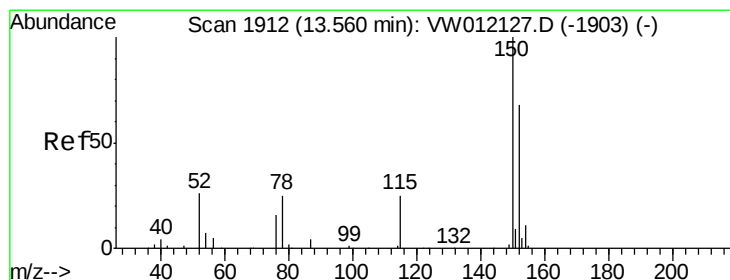
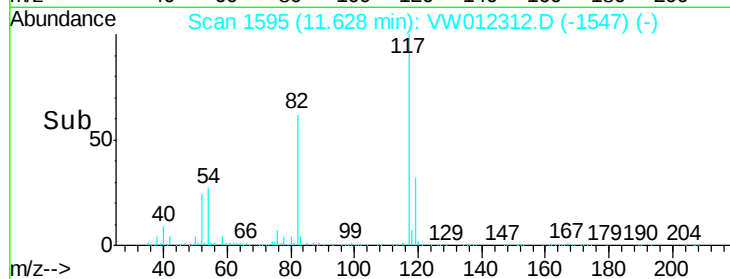
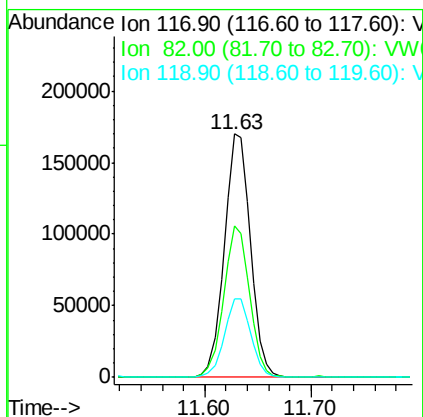
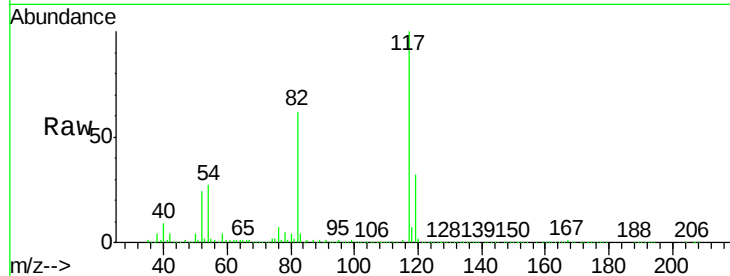




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012312.D
Acq: 29 Aug 2019 19:04

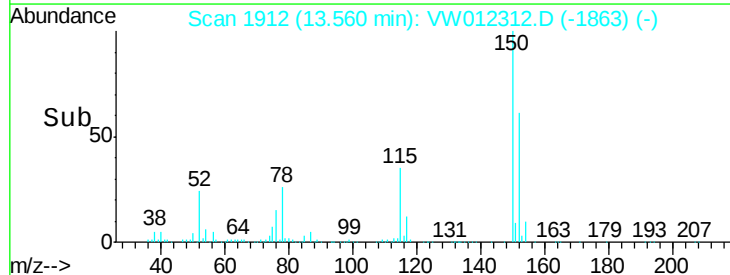
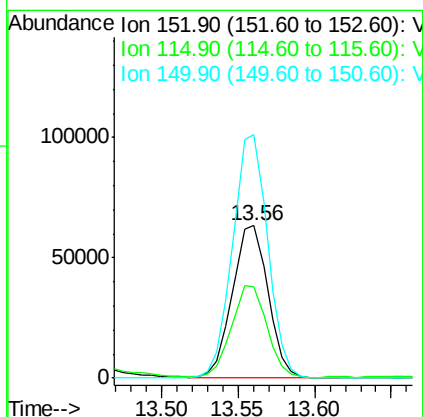
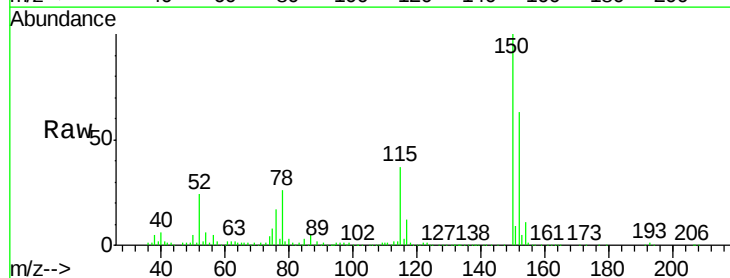
Instrument :
MSVOA_W
ClientSampleId :
T2-S1-(2.5)

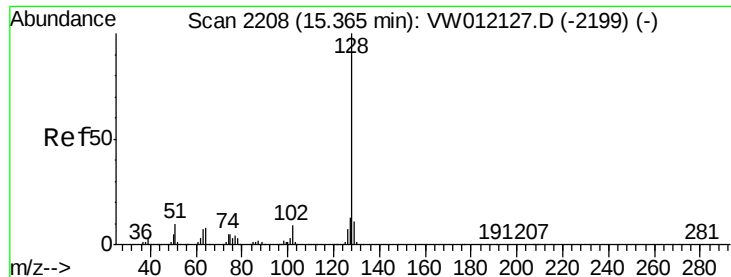
Tot Ion	Ratio	Lower	Upper
117	100		
82	62.0	47.4	71.2
119	32.1	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012312.D
Acq: 29 Aug 2019 19:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.4	30.1	90.3
150	156.9	0.0	345.8

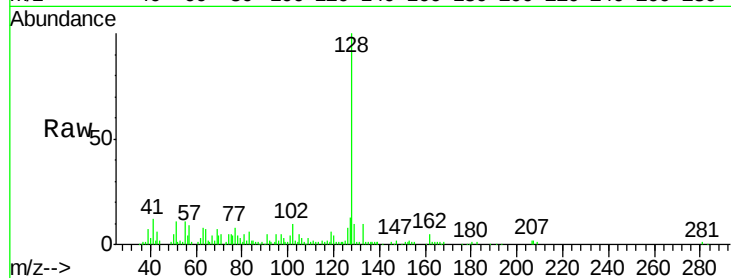




#95
Naphthalene
Concen: 11.033 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012312.D
Acq: 29 Aug 2019 19:04

Instrument :
MSVOA_W
ClientSampleId :
T2-S1-(2.5)

Tot Ion:128 Resp: 28452
Ion Ratio Lower Upper
128 100
127 13.8 10.7 16.1
129 10.3 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

