

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072519\
 Data File : VW011482.D
 Acq On : 24 Jul 2019 18:25
 Operator : SY/VA
 Sample : K3614-01
 Misc : 9.16G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BU-03-072419

Quant Time: Jul 25 05:32:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

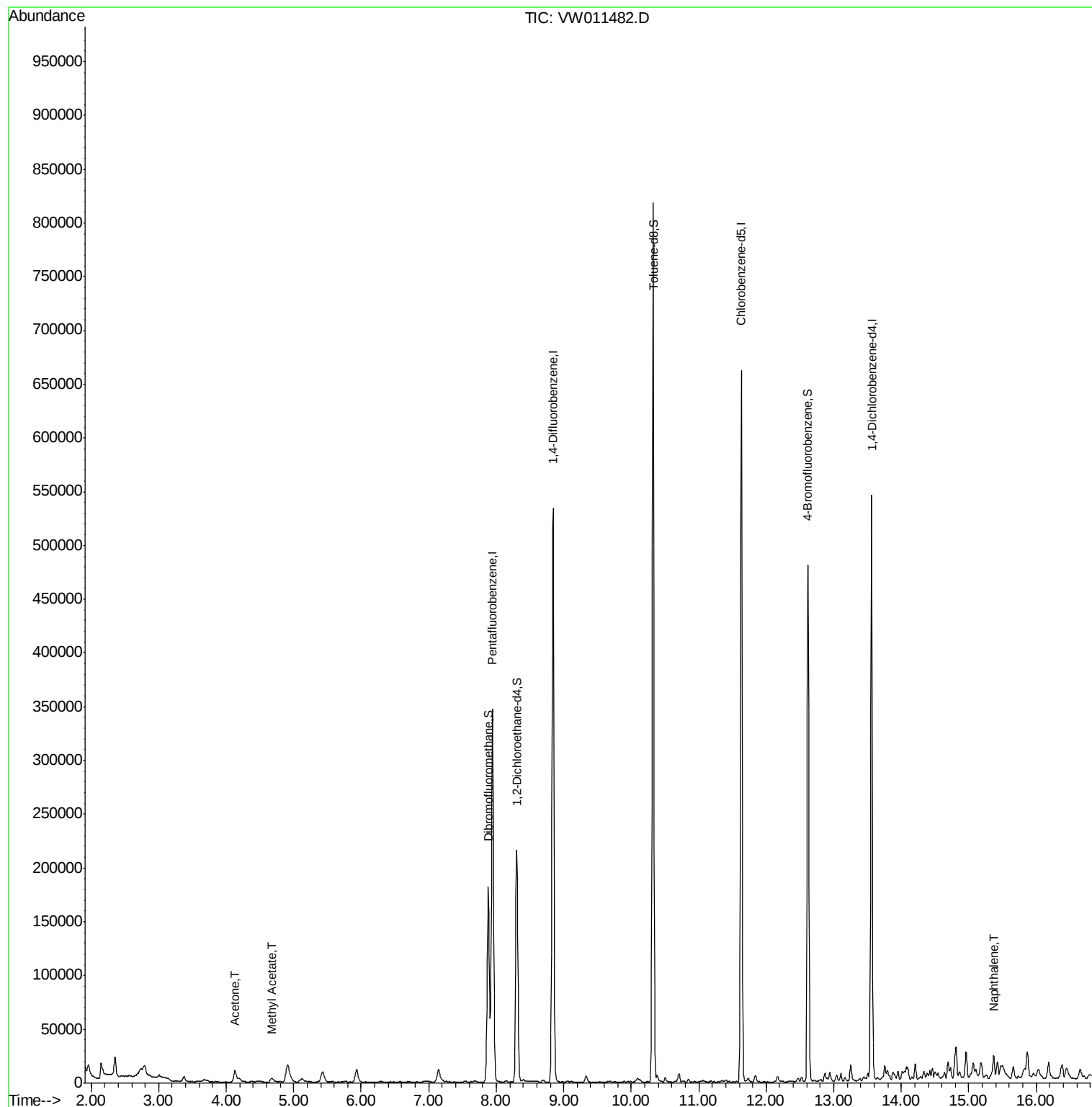
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	259596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	428593	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	349372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	134430	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	169057	51.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.66%	
35) Dibromofluoromethane	7.88	113	130037	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.80%	
50) Toluene-d8	10.32	98	517805	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
62) 4-Bromofluorobenzene	12.62	95	162456	42.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.84%	
Target Compounds						
16) Acetone	4.14	43	20347	25.925	ug/l	95
18) Methyl Acetate	4.68	43	7001	1.774	ug/l	95
95) Naphthalene	15.37	128	16028	3.085	ug/l	97

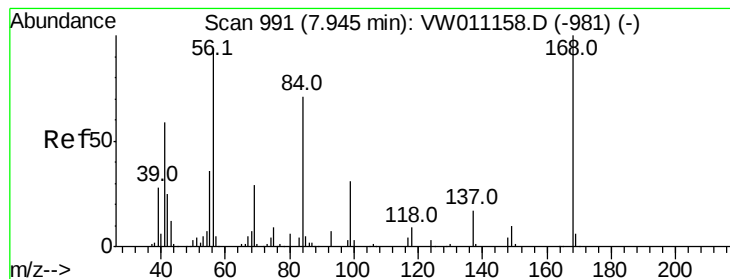
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072519\
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Quant Title : SW846 8260
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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: VW011482.D

Acq: 24 Jul 2019 18:25

Instrument :

MSVOA_W

ClientSampled :

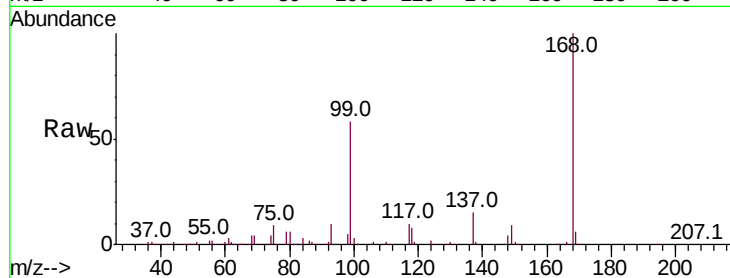
BU-03-072419

Tot Ion:168 Resp: 259596

Ion Ratio Lower Upper

168 100

99 57.8 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

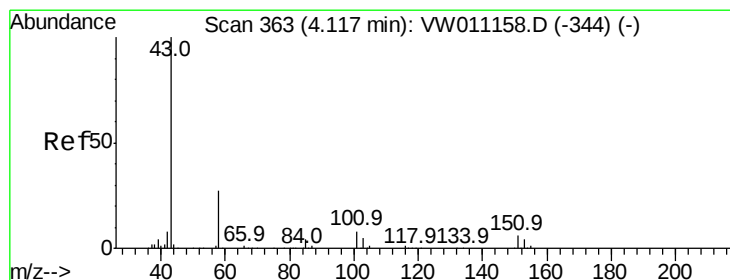
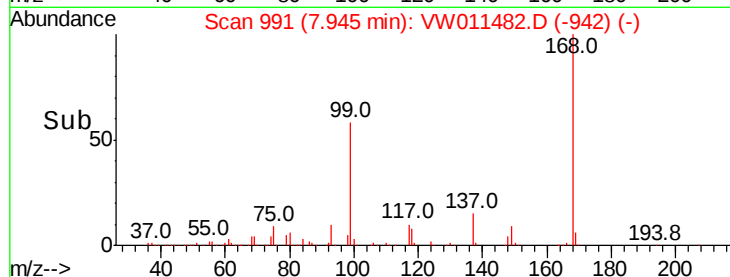
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 25.925 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW011482.D

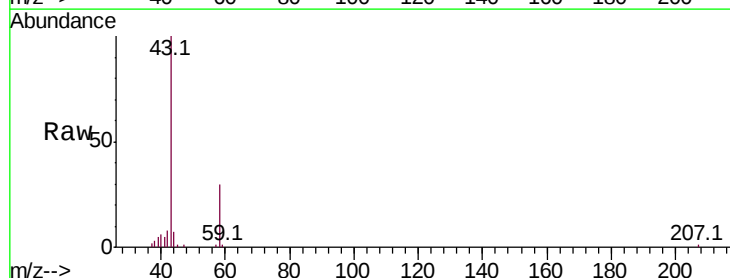
Acq: 24 Jul 2019 18:25

Tgt Ion: 43 Resp: 20347

Ion Ratio Lower Upper

43 100

58 30.0 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

8000

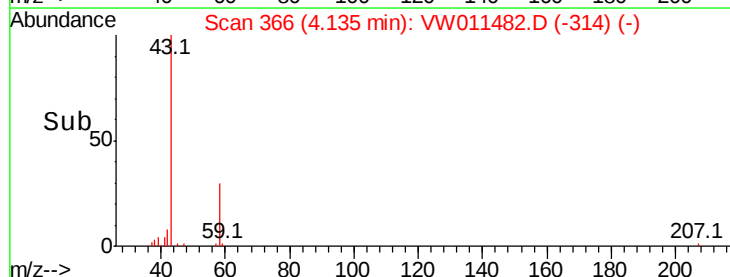
6000

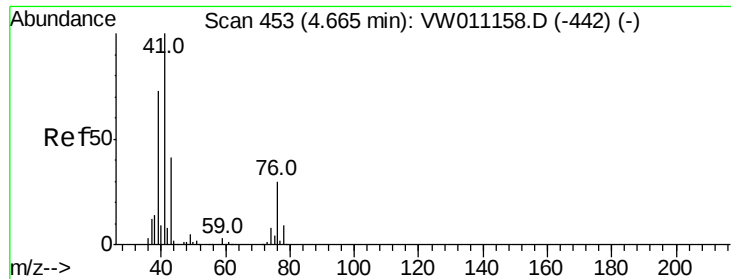
4000

2000

0

Time--> 4.05 4.10 4.15 4.20 4.25

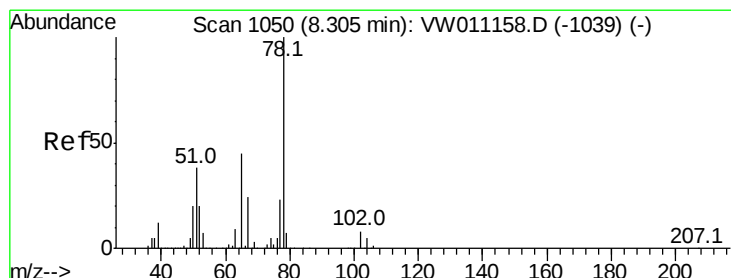
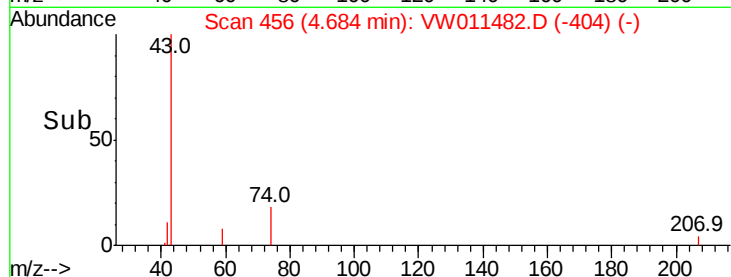
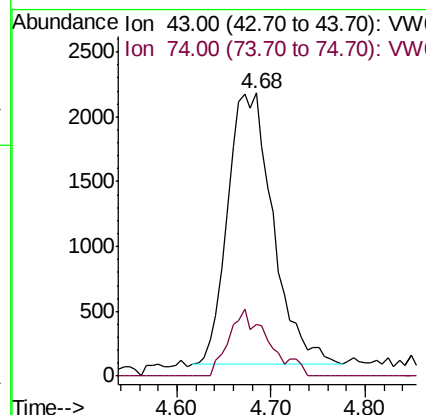
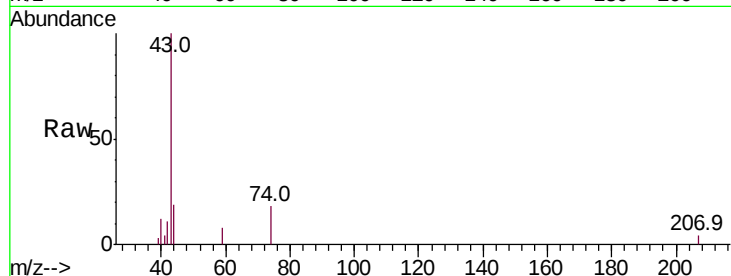




#18
Methyl Acetate
Concen: 1.774 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.02 min
Lab File: VW011482.D
Acq: 24 Jul 2019 18:25

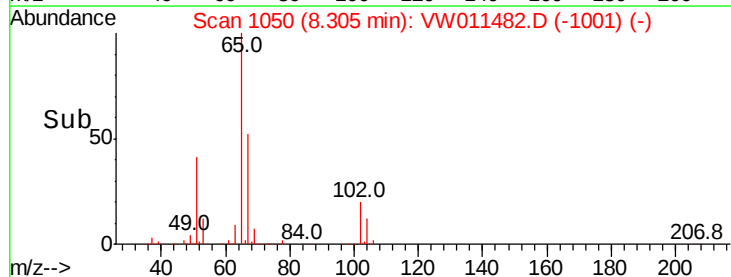
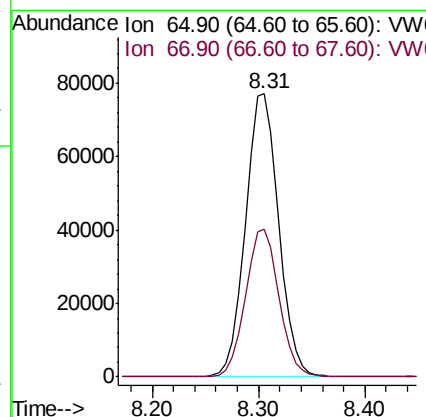
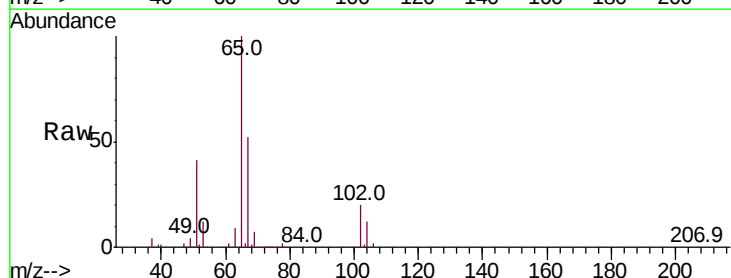
Instrument :
MSVOA_W
ClientSampleId :
BU-03-072419

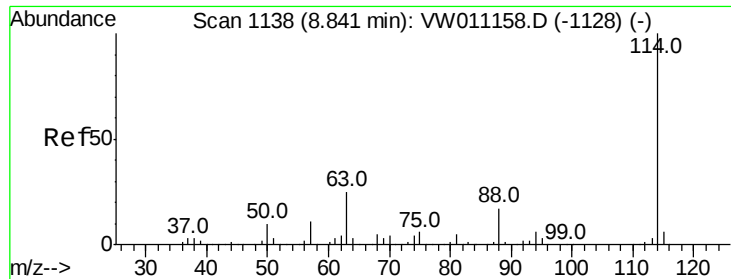
Tot Ion: 43 Resp: 7001
Ion Ratio Lower Upper
43 100
74 21.7 15.7 23.5



#33
1,2-Dichloroethane-d4
Concen: 51.827 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW011482.D
Acq: 24 Jul 2019 18:25

Tgt Ion: 65 Resp: 169057
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.4

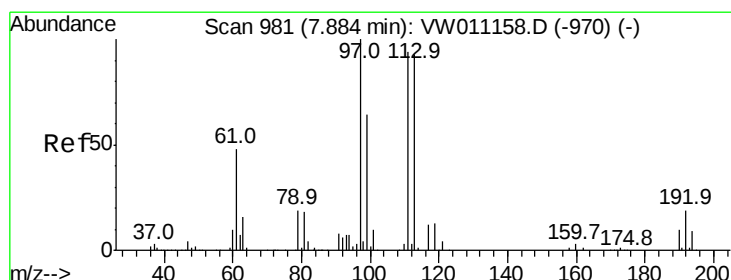
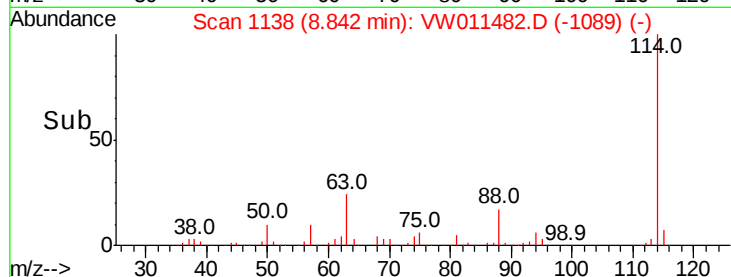
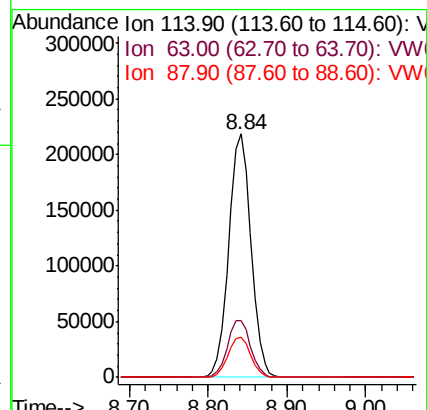
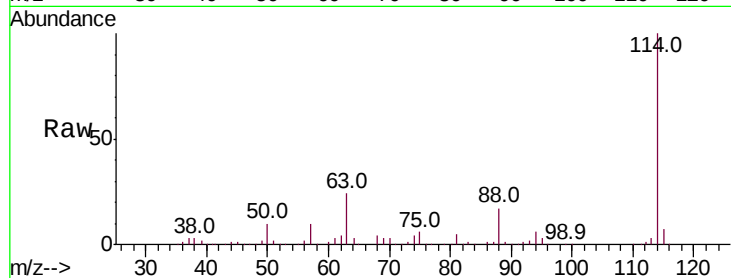




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011482.D
 Acq: 24 Jul 2019 18:25

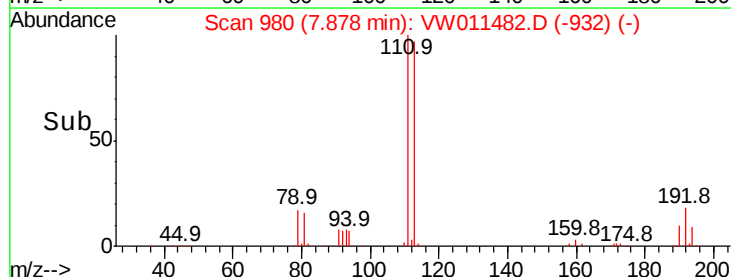
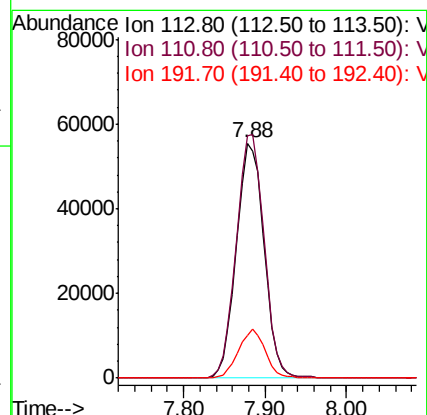
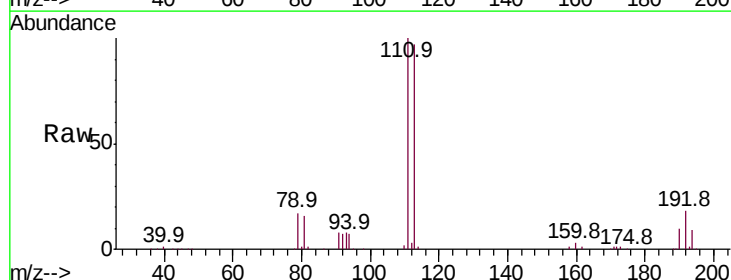
Instrument :
 MSVOA_W
 ClientSampleId :
 BU-03-072419

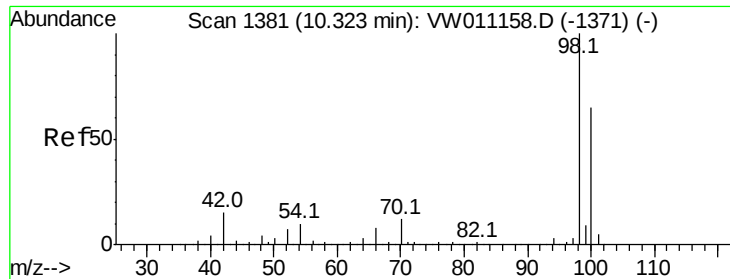
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	50.8
88	16.6	0.0	34.2



#35
 Dibromofluoromethane
 Concen: 50.903 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011482.D
 Acq: 24 Jul 2019 18:25

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.4	123.6
192	20.0	15.8	23.8





#50

Toluene-d8

Concen: 50.145 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011482.D

Acq: 24 Jul 2019 18:25

Instrument :

MSVOA_W

ClientSampleId :

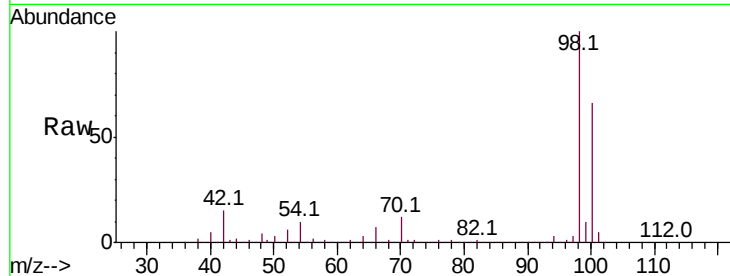
BU-03-072419

Tot Ion: 98 Resp: 517805

Ion Ratio Lower Upper

98 100

100 65.5 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

300000

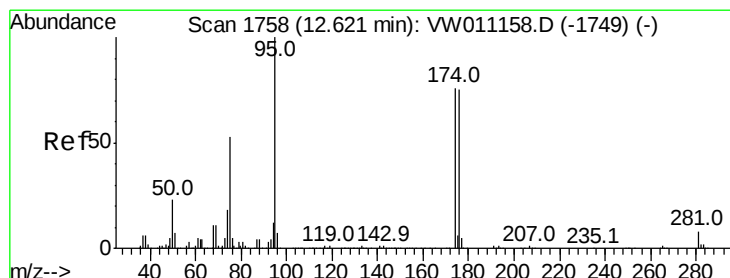
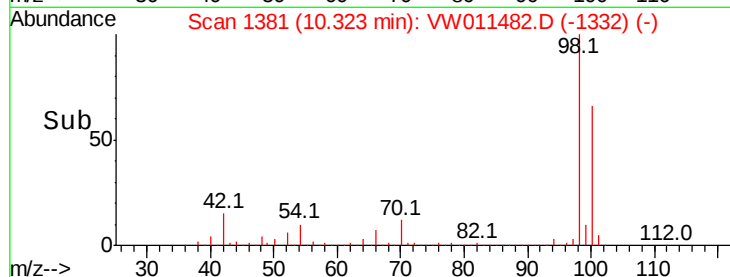
200000

100000

0

Time-->

10.20 10.30 10.40



#62

4-Bromofluorobenzene

Concen: 42.922 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011482.D

Acq: 24 Jul 2019 18:25

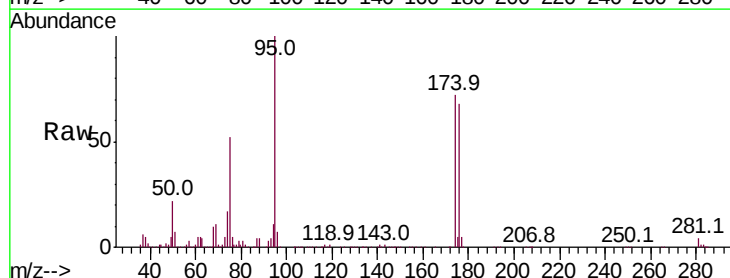
Tgt Ion: 95 Resp: 162456

Ion Ratio Lower Upper

95 100

174 76.2 0.0 147.6

176 72.5 0.0 144.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

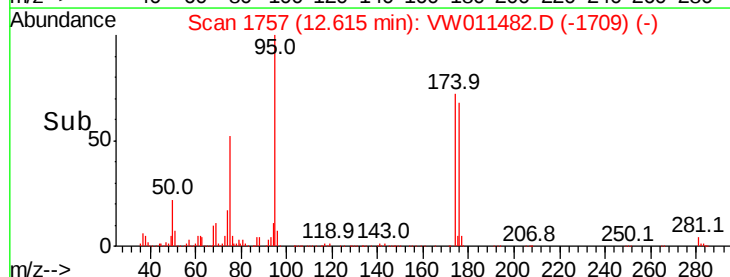
100000

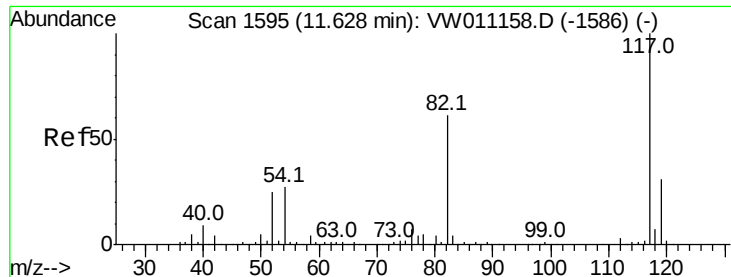
50000

0

Time-->

12.60 12.70

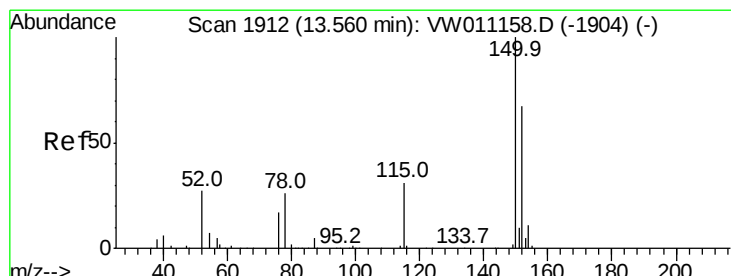
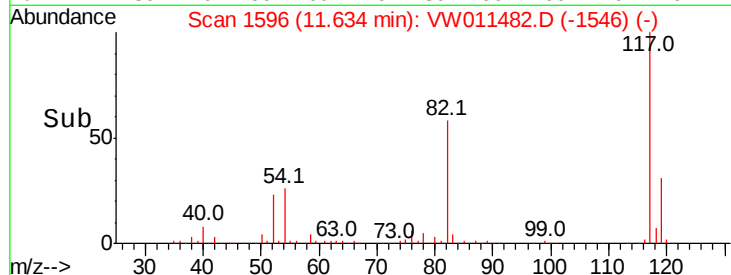
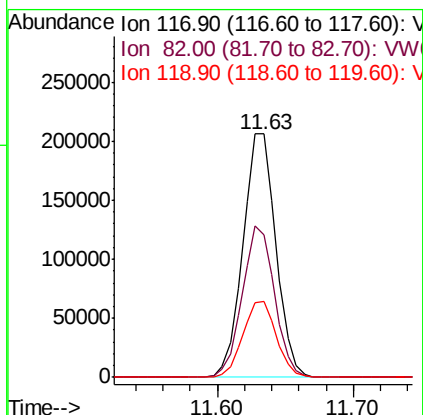
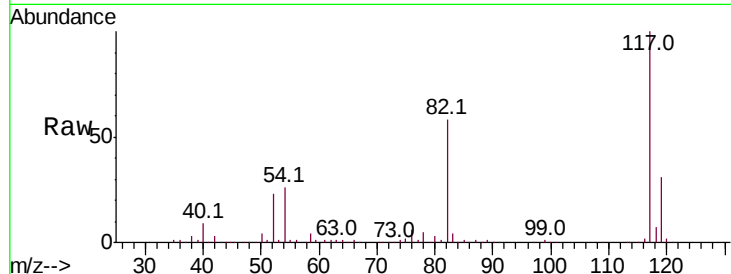




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011482.D
Acq: 24 Jul 2019 18:25

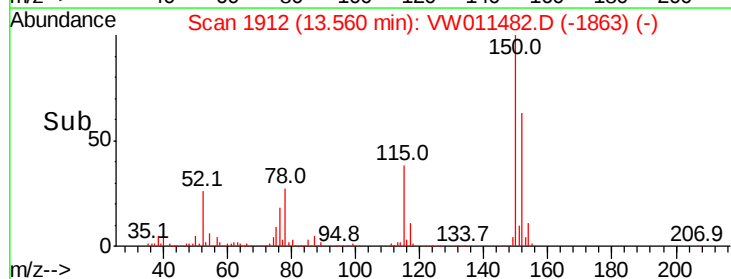
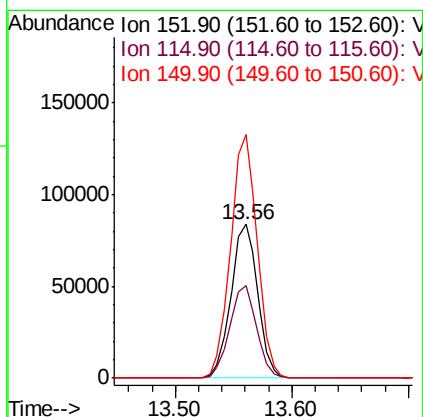
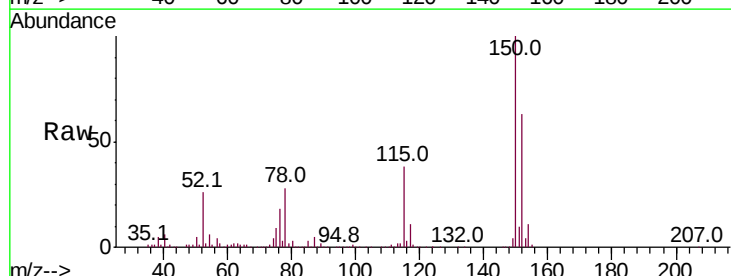
Instrument :
MSVOA_W
ClientSampleId :
BU-03-072419

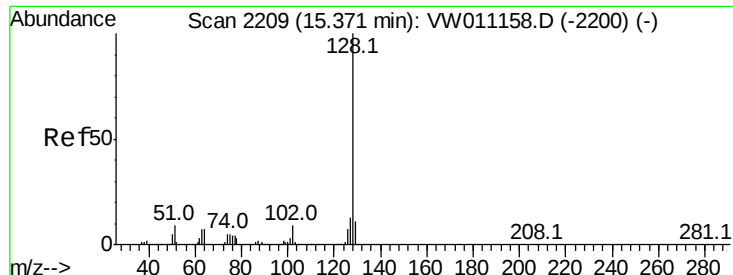
Tot Ion:117 Resp: 349372
Ion Ratio Lower Upper
117 100
82 58.5 48.9 73.3
119 31.4 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011482.D
Acq: 24 Jul 2019 18:25

Tgt Ion:152 Resp: 134430
Ion Ratio Lower Upper
152 100
115 59.9 30.1 90.3
150 156.8 0.0 346.0





#95

Naphthalene

Concen: 3.085 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW011482.D

Acq: 24 Jul 2019 18:25

Instrument :

MSVOA_W

ClientSampleId :

BU-03-072419

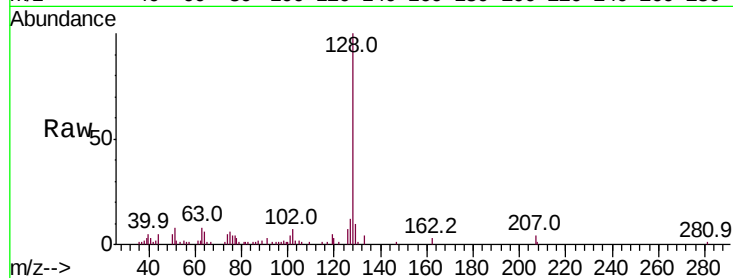
Tot Ion:128 Resp: 16028

Ion Ratio Lower Upper

128 100

127 14.1 10.6 16.0

129 9.5 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

