

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031319\
 Data File : VW009158.D
 Acq On : 13 Mar 2019 16:29
 Operator : SY/VA
 Sample : K1870-01
 Misc : 6.32G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-1

Quant Time: Mar 14 05:38:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

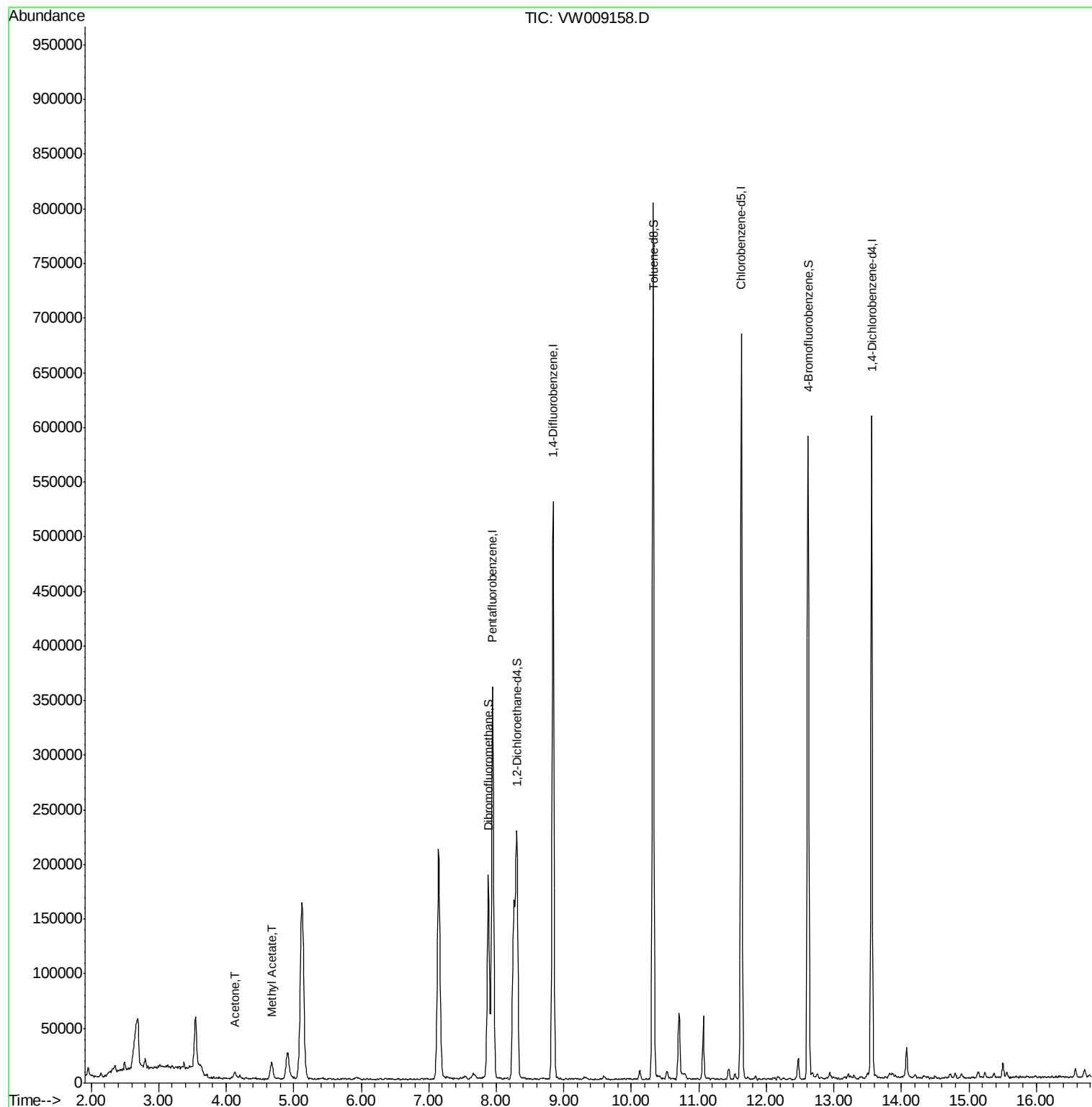
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	262495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	419591	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	364808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	149758	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	156061	59.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.18%	
35) Dibromofluoromethane	7.88	113	124301	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
50) Toluene-d8	10.32	98	501216	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
62) 4-Bromofluorobenzene	12.62	95	160531	39.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.60%	
Target Compounds						
16) Acetone	4.13	43	11303	18.966	ug/l #	79
18) Methyl Acetate	4.67	43	28664	20.916	ug/l	99

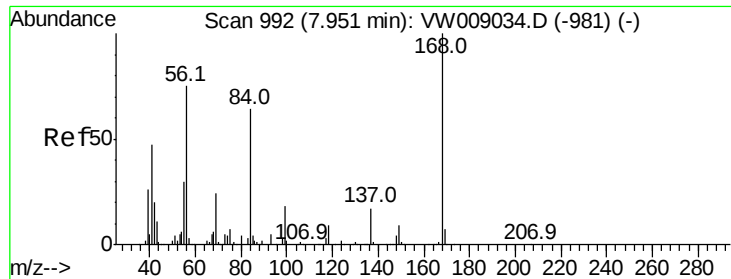
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 08 05:22:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW009158.D

Acq: 13 Mar 2019 16:29

Instrument :

MSVOA_W

ClientSampled :

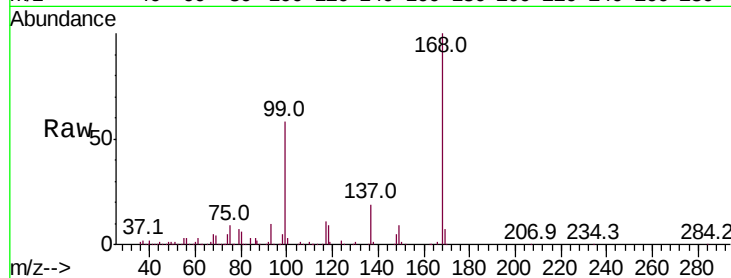
SP-1

Tot Ion:168 Resp: 262495

Ion Ratio Lower Upper

168 100

99 58.1 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

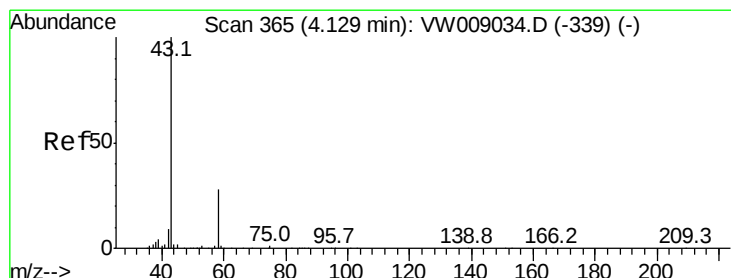
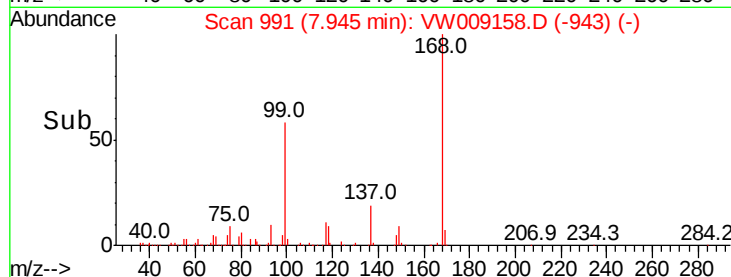
100000

50000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 18.966 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW009158.D

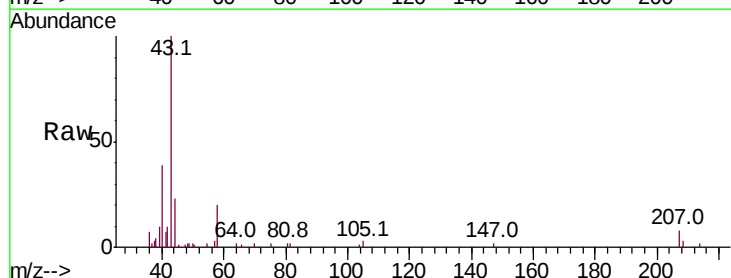
Acq: 13 Mar 2019 16:29

Tgt Ion: 43 Resp: 11303

Ion Ratio Lower Upper

43 100

58 17.1 22.5 33.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

4000

3000

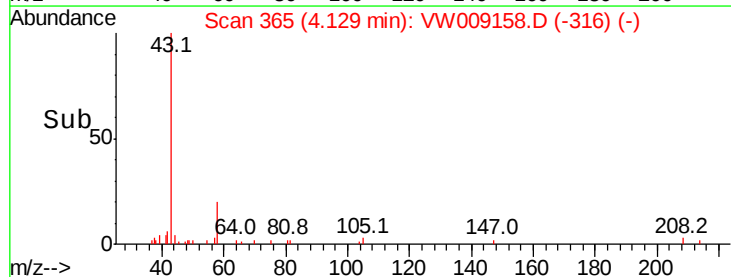
2000

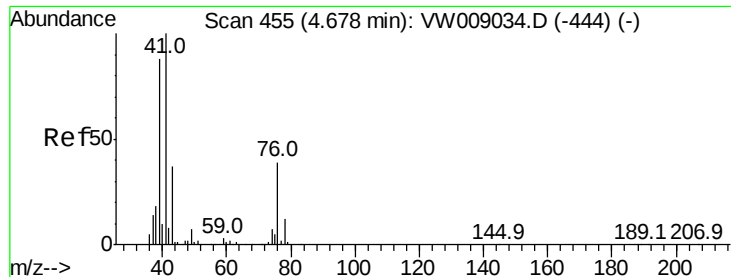
1000

0

4.00 4.10 4.20

Time-->

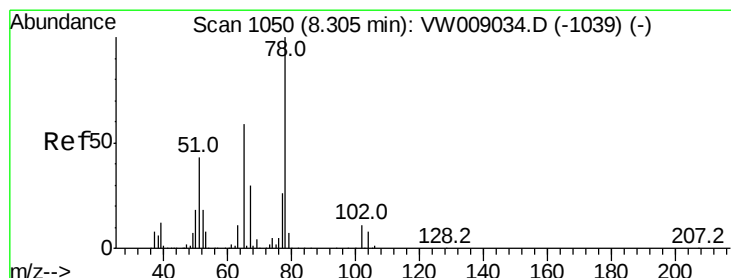
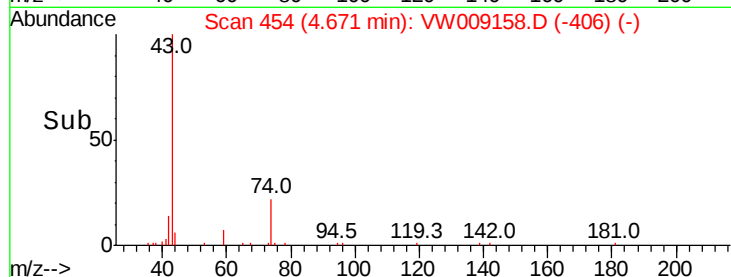
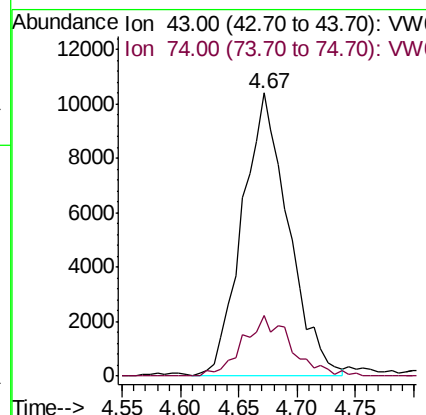
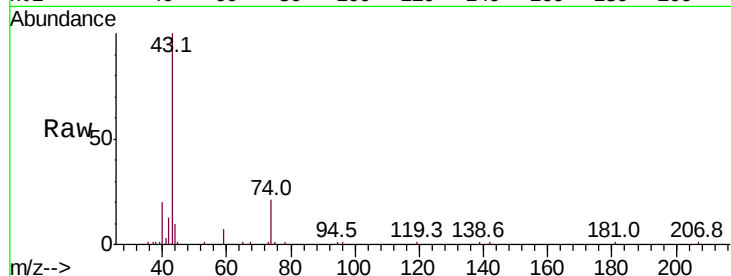




#18
Methvl Acetate
Concen: 20.916 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW009158.D
Acq: 13 Mar 2019 16:29

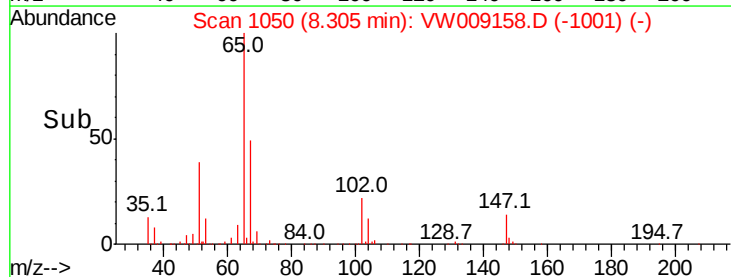
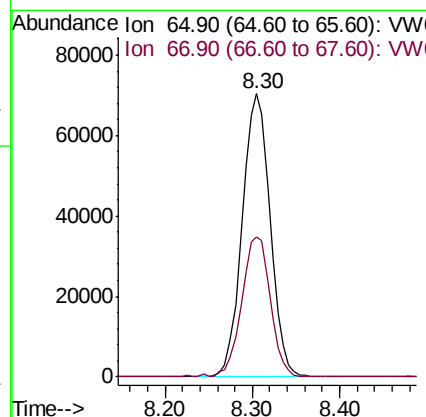
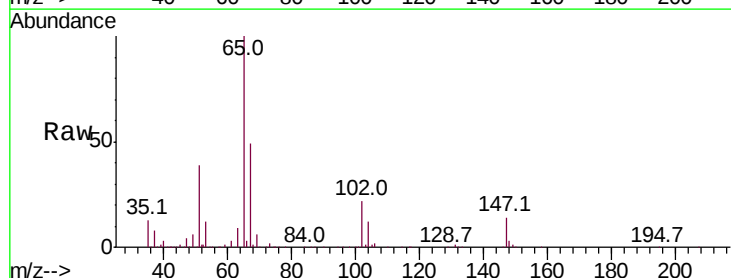
Instrument :
MSVOA_W
ClientSampleId :
SP-1

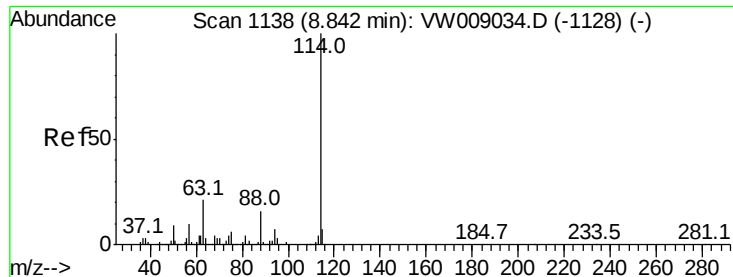
Tot Ion: 43 Resp: 28664
Ion Ratio Lower Upper
43 100
74 22.3 17.6 26.4



#33
1,2-Dichloroethane-d4
Concen: 59.093 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW009158.D
Acq: 13 Mar 2019 16:29

Tgt Ion: 65 Resp: 156061
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.0

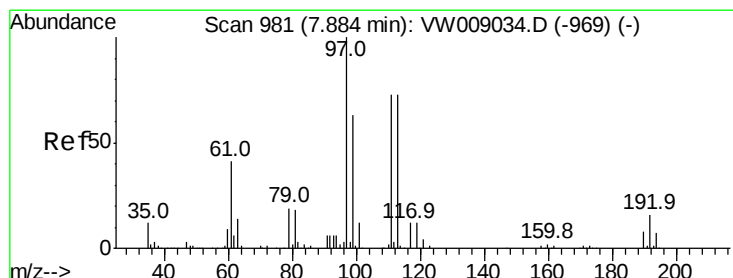
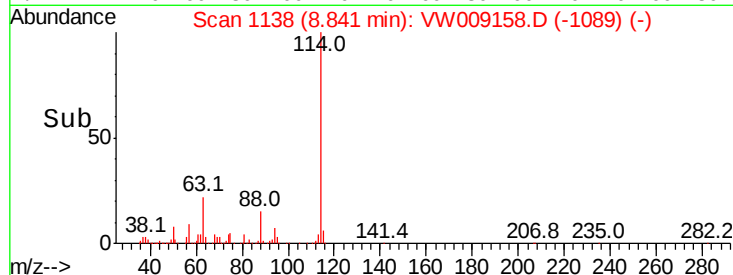
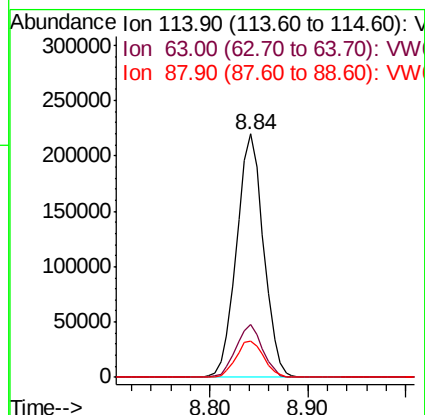
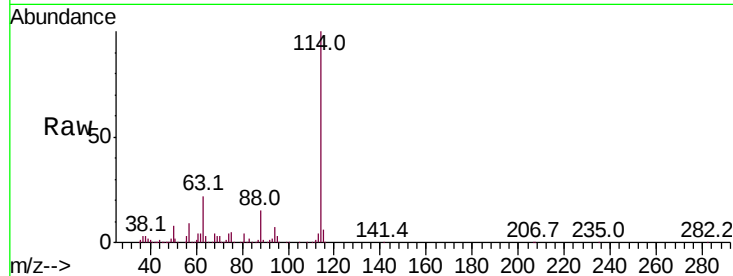




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW009158.D
Acq: 13 Mar 2019 16:29

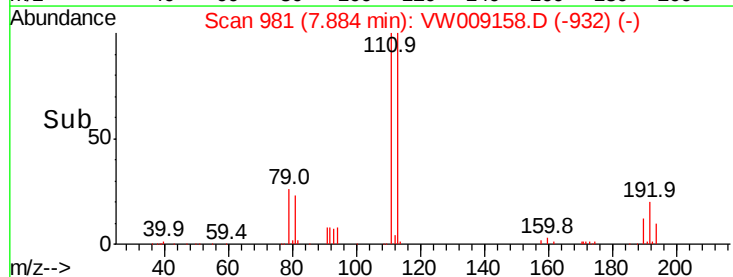
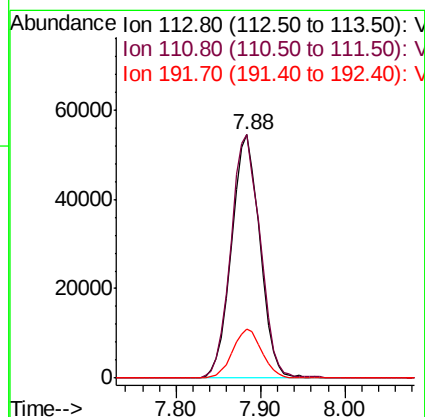
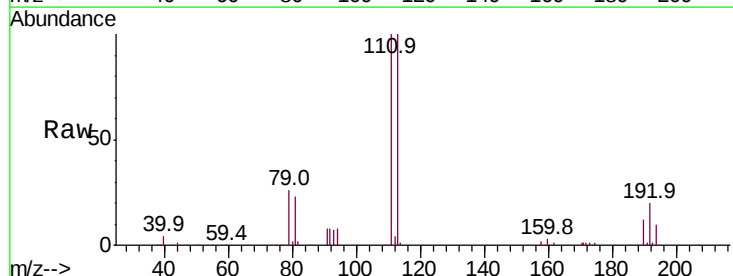
Instrument :
MSVOA_W
ClientSampleId :
SP-1

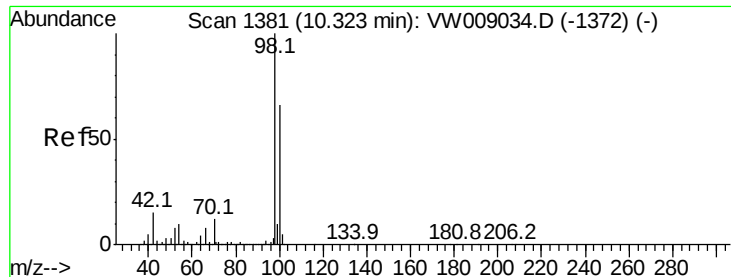
Tot Ion:114 Resp: 419591
Ion Ratio Lower Upper
114 100
63 21.8 0.0 41.2
88 15.0 0.0 31.2



#35
Dibromofluoromethane
Concen: 49.203 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW009158.D
Acq: 13 Mar 2019 16:29

Tgt Ion:113 Resp: 124301
Ion Ratio Lower Upper
113 100
111 103.0 81.0 121.4
192 20.6 17.1 25.7





#50

Toluene-d8

Concen: 48.306 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW009158.D

Acq: 13 Mar 2019 16:29

Instrument :

MSVOA_W

ClientSampleId :

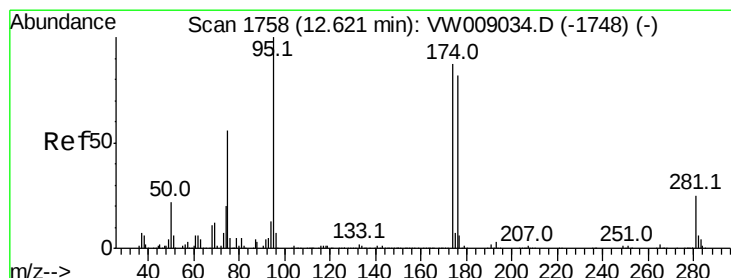
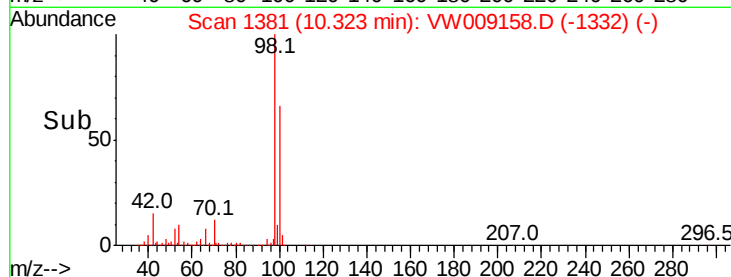
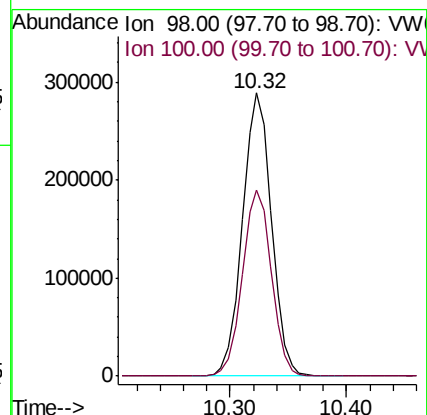
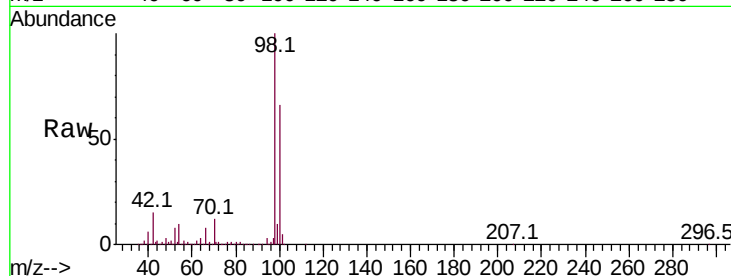
SP-1

Tot Ion: 98 Resp: 501216

Ion Ratio Lower Upper

98 100

100 65.9 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 39.301 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW009158.D

Acq: 13 Mar 2019 16:29

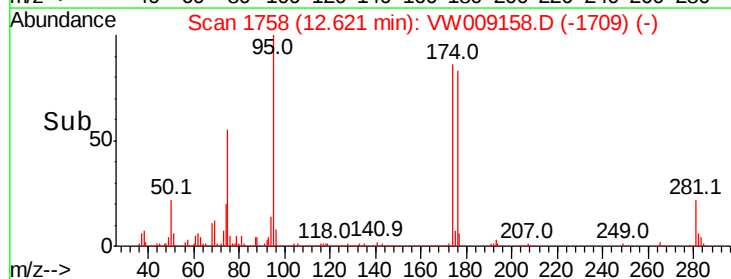
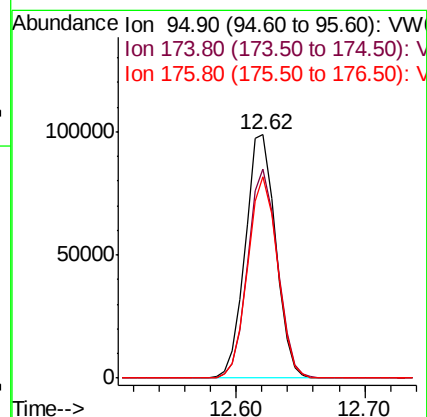
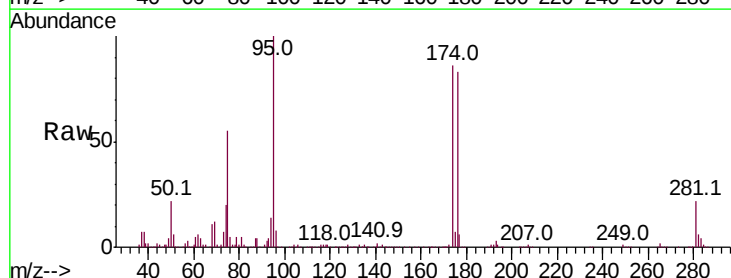
Tgt Ion: 95 Resp: 160531

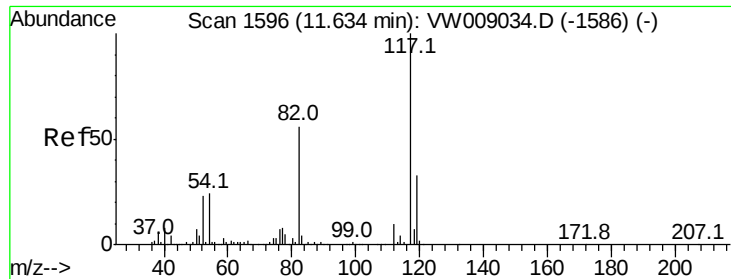
Ion Ratio Lower Upper

95 100

174 84.1 0.0 167.0

176 81.4 0.0 159.4

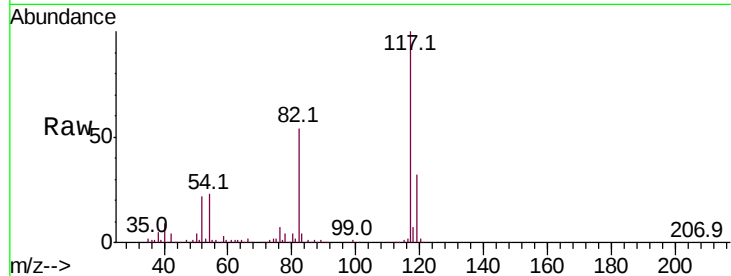




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW009158.D
Acq: 13 Mar 2019 16:29

Instrument :
MSVOA_W
ClientSampled :
SP-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	45.0	67.6
119	31.5	26.6	39.8

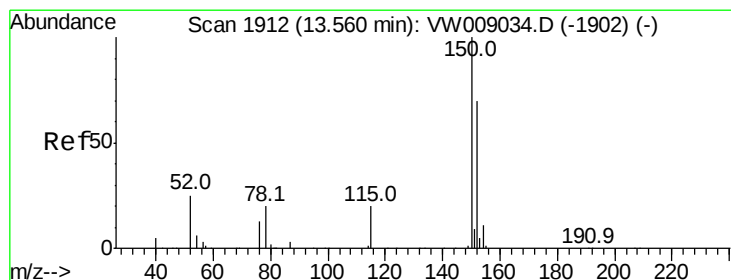
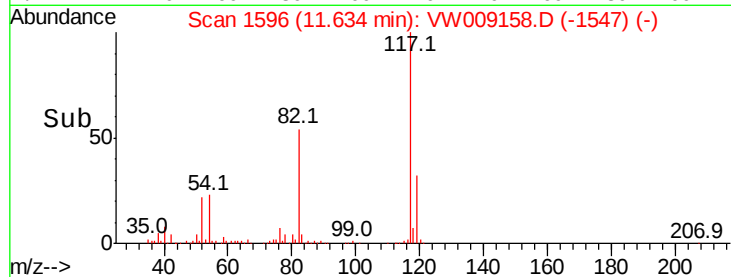
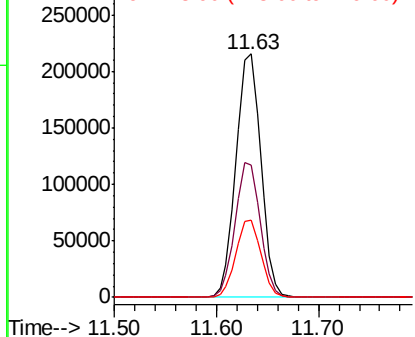


Abundance

Ion 116.90 (116.60 to 117.60): V

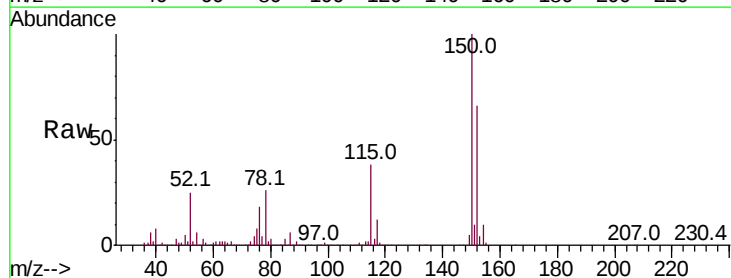
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW009158.D
Acq: 13 Mar 2019 16:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.1	28.9	86.7
150	156.1	0.0	349.2



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

