

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092419\
 Data File : VW013277.D
 Acq On : 24 Sep 2019 15:38
 Operator : SY/VA
 Sample : K5008-05
 Misc : 6.92G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-5

Quant Time: Sep 25 08:00:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

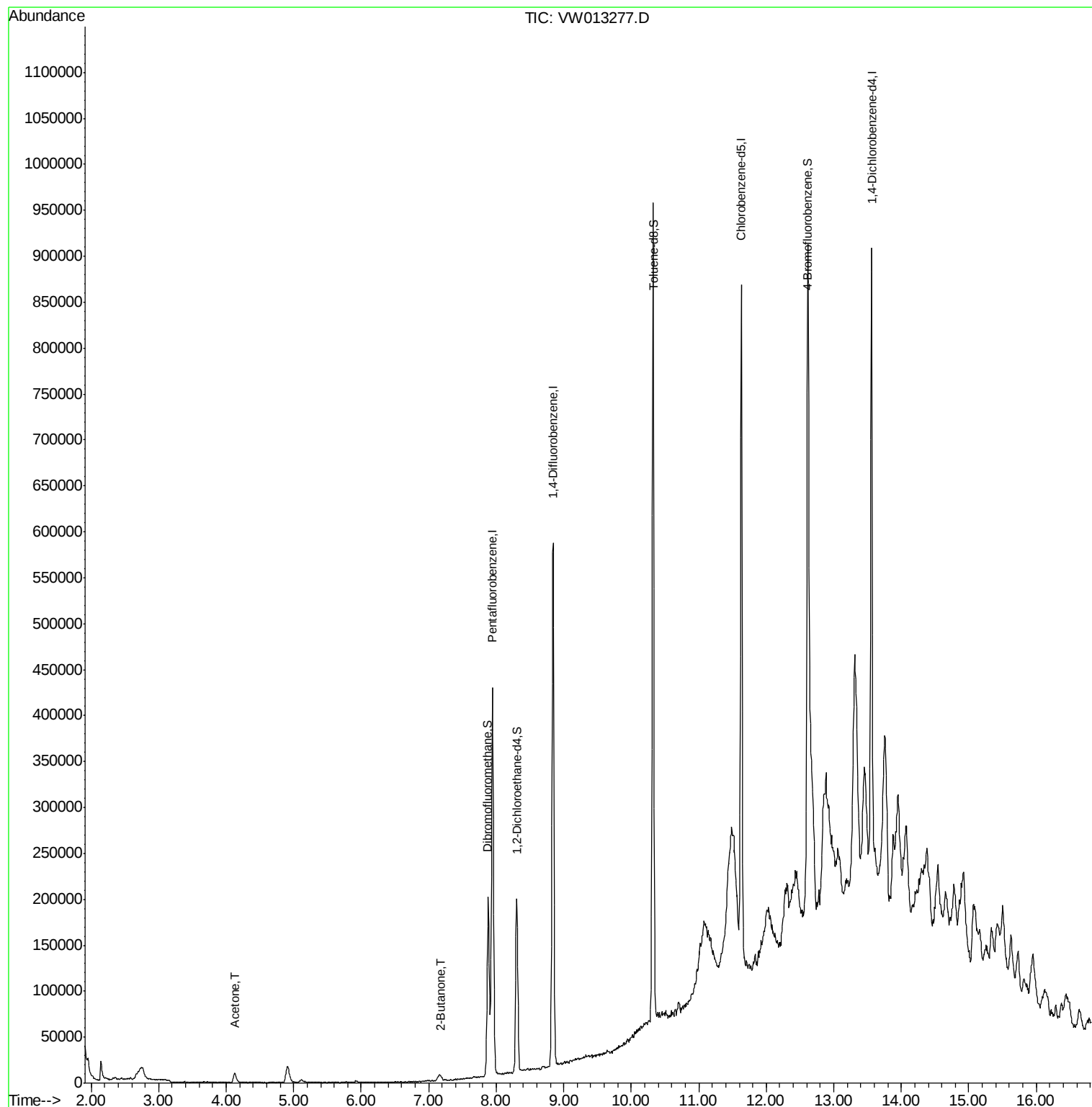
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	349924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	516190	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	432338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	185349	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	145223	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
35) Dibromofluoromethane	7.88	113	142962	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
50) Toluene-d8	10.32	98	601585	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.26%	
62) 4-Bromofluorobenzene	12.62	95	255784	63.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.04%	
Target Compounds						
16) Acetone	4.12	43	20290	31.504	ug/l	97
25) 2-Butanone	7.18	43	5929	6.133	ug/l	93

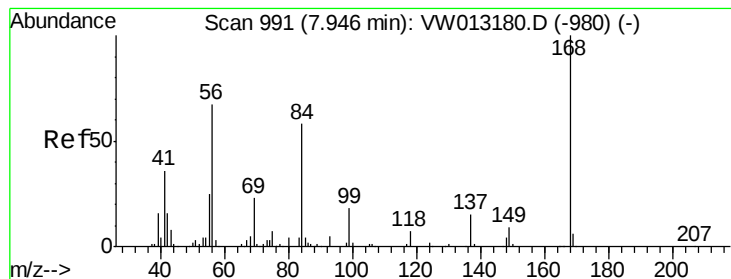
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 20 15:58:08 2019
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: VW013277.D

Acq: 24 Sep 2019 15:38

Instrument :

MSVOA_W

ClientSampled :

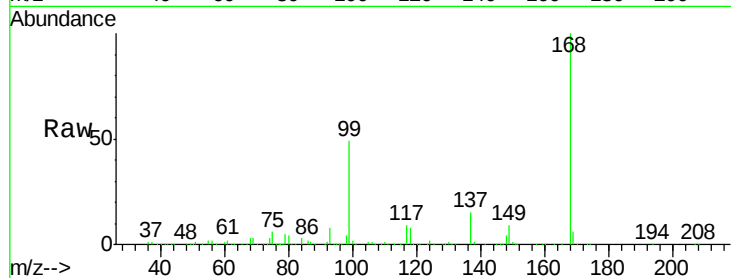
SB-5

Tot Ion:168 Resp: 349924

Ion Ratio Lower Upper

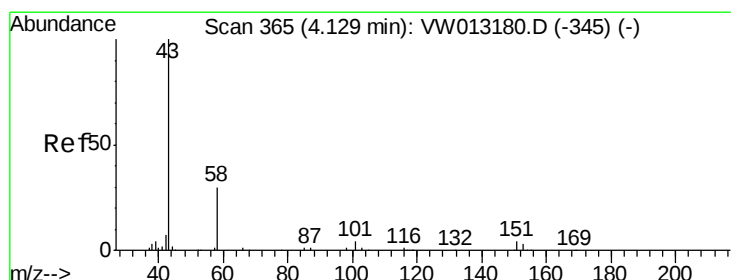
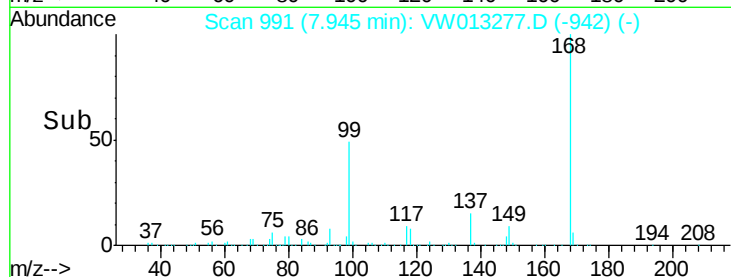
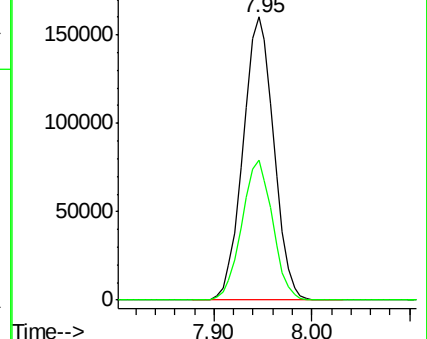
168 100

99 49.3 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 31.504 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW013277.D

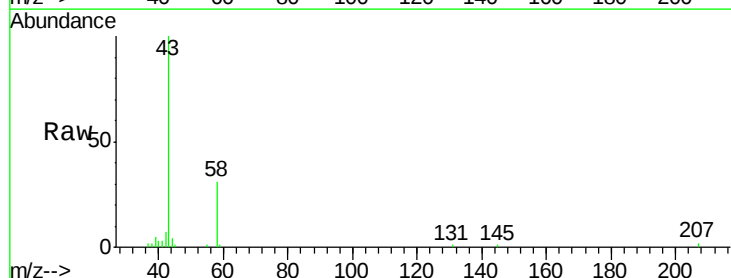
Acq: 24 Sep 2019 15:38

Tgt Ion: 43 Resp: 20290

Ion Ratio Lower Upper

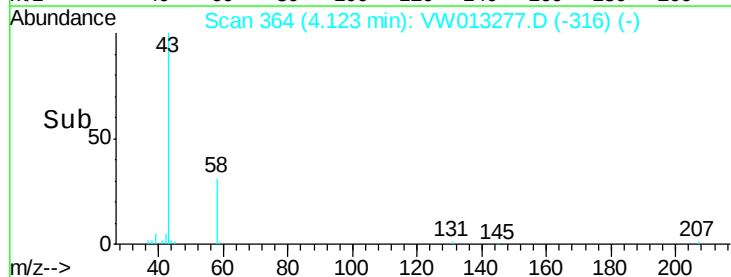
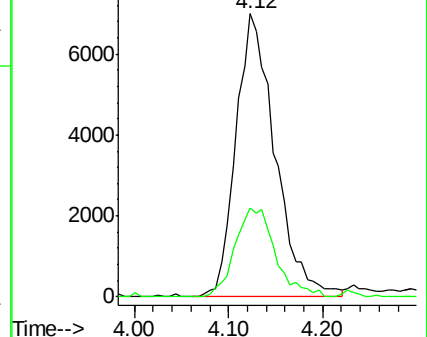
43 100

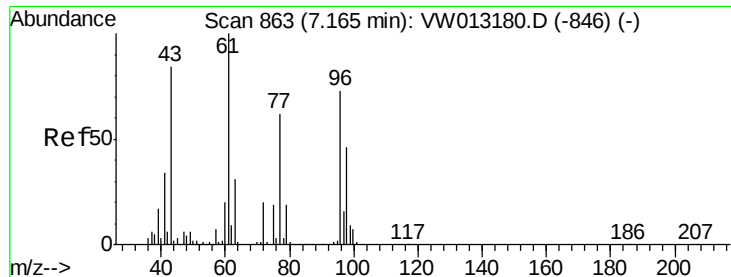
58 31.5 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#25

2-Butanone

Concen: 6.133 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.02 min

Lab File: VW013277.D

Acq: 24 Sep 2019 15:38

Instrument :

MSVOA_W

ClientSampled :

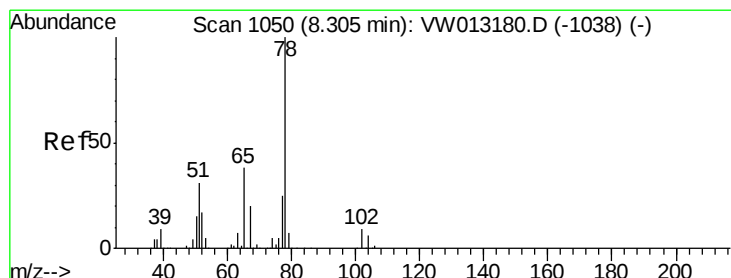
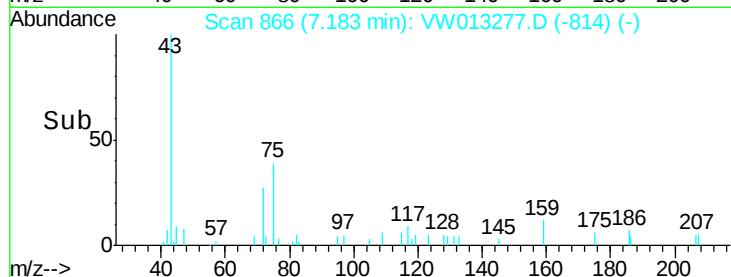
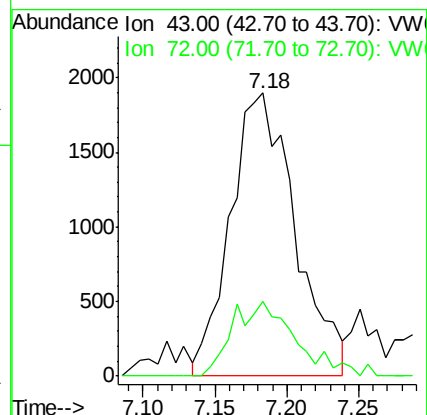
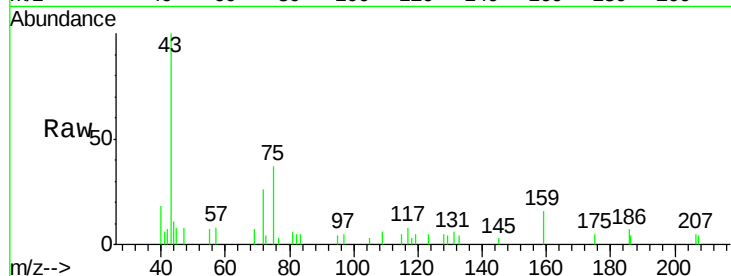
SB-5

Tot Ion: 43 Resp: 5929

Ion Ratio Lower Upper

43 100

72 27.6 19.4 29.0



#33

1,2-Dichloroethane-d4

Concen: 50.850 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013277.D

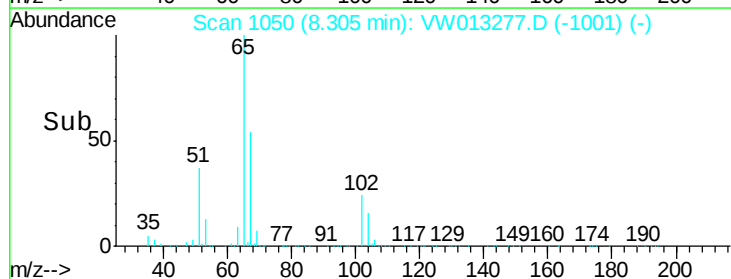
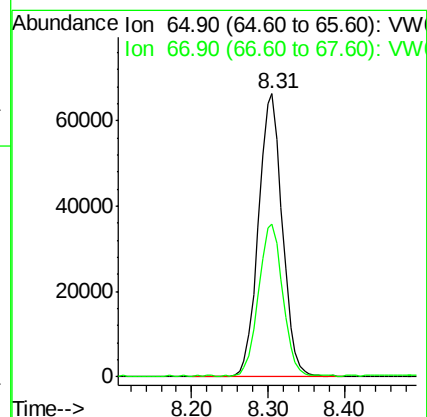
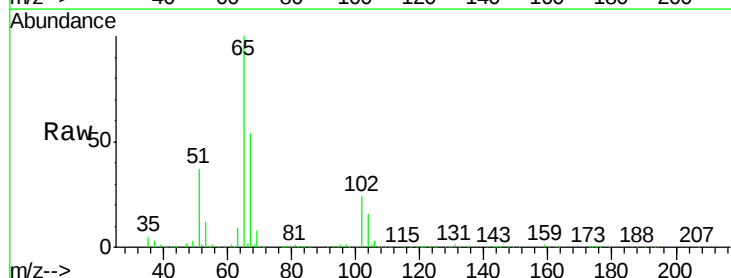
Acq: 24 Sep 2019 15:38

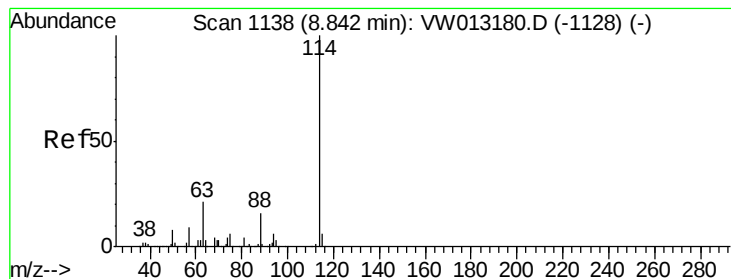
Tgt Ion: 65 Resp: 145223

Ion Ratio Lower Upper

65 100

67 54.5 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013277.D

Acq: 24 Sep 2019 15:38

Instrument :

MSVOA_W

ClientSampleId :

SB-5

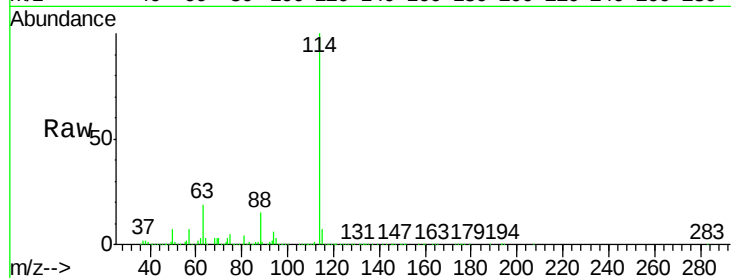
Tot Ion:114 Resp: 516190

Ion Ratio Lower Upper

114 100

63 19.1 0.0 41.4

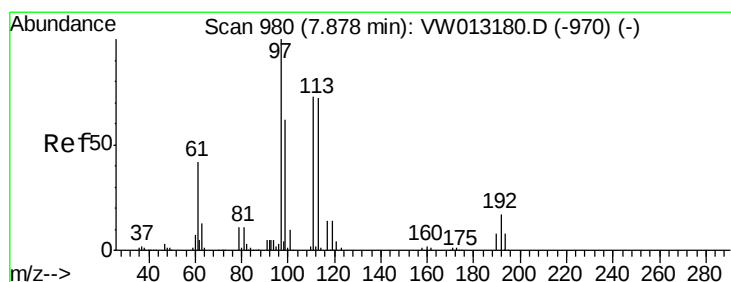
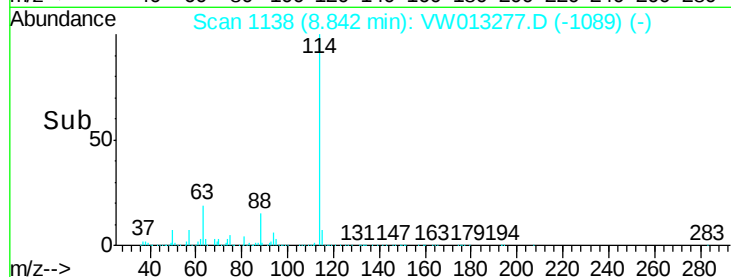
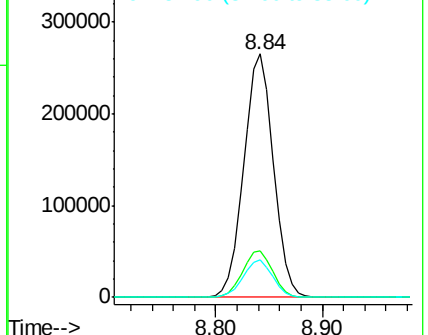
88 15.5 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 50.356 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013277.D

Acq: 24 Sep 2019 15:38

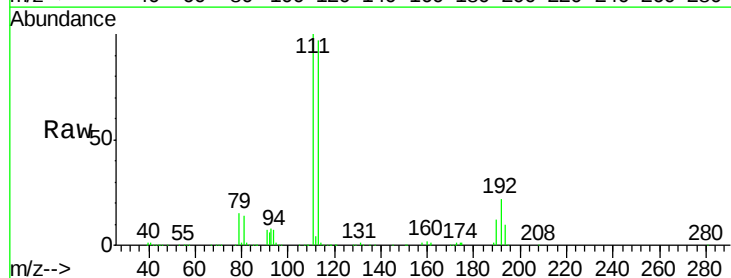
Tgt Ion:113 Resp: 142962

Ion Ratio Lower Upper

113 100

111 103.0 81.9 122.9

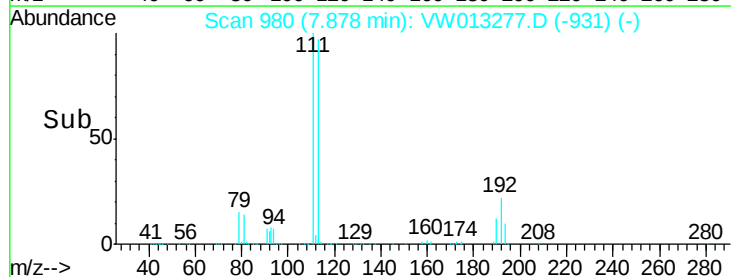
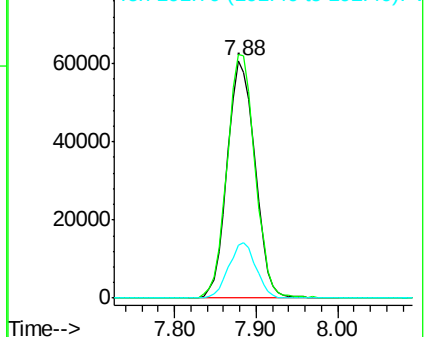
192 22.9 19.1 28.7

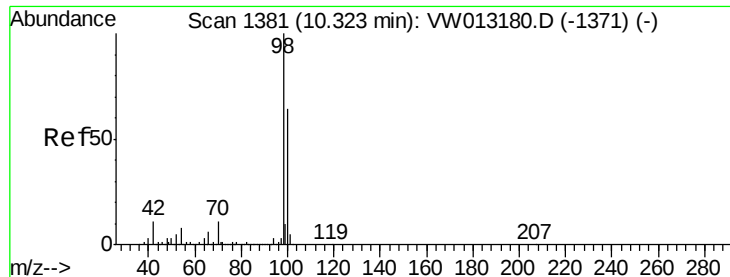


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.631 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013277.D

Acq: 24 Sep 2019 15:38

Instrument :

MSVOA_W

ClientSampleId :

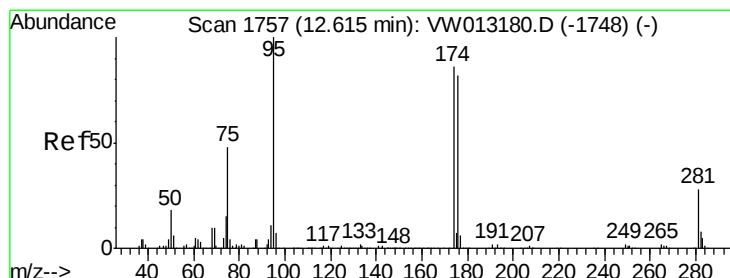
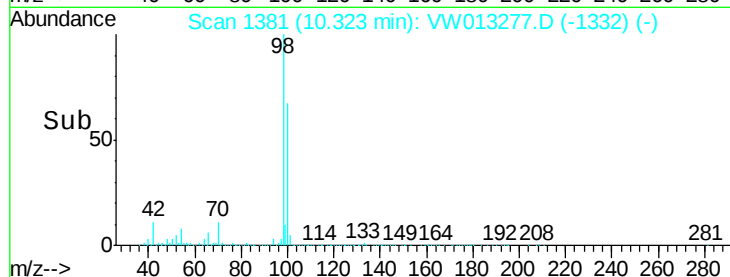
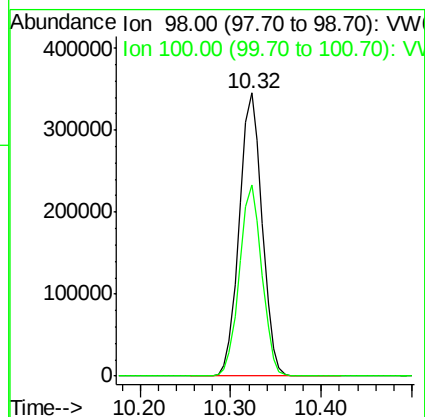
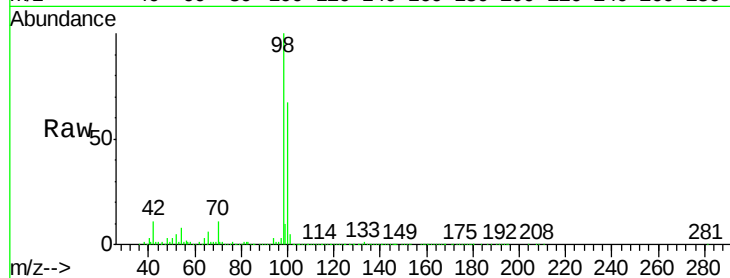
SB-5

Tot Ion: 98 Resp: 601585

Ion Ratio Lower Upper

98 100

100 66.6 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 63.021 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013277.D

Acq: 24 Sep 2019 15:38

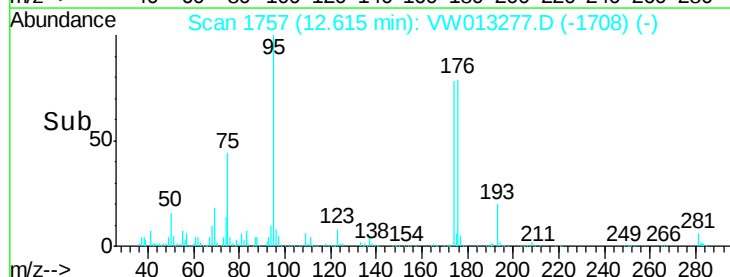
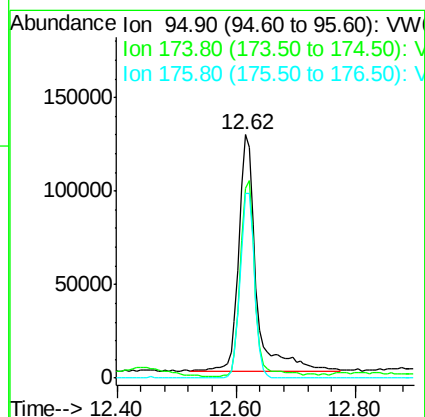
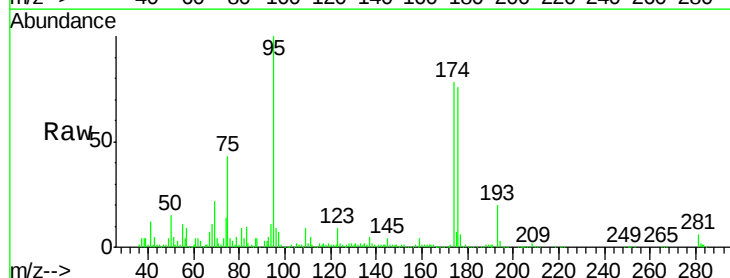
Tgt Ion: 95 Resp: 255784

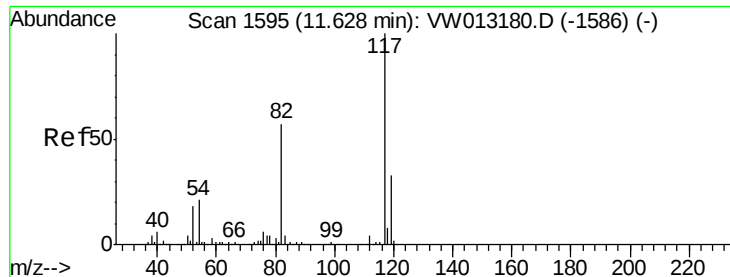
Ion Ratio Lower Upper

95 100

174 69.5 0.0 178.4

176 63.8 0.0 172.2

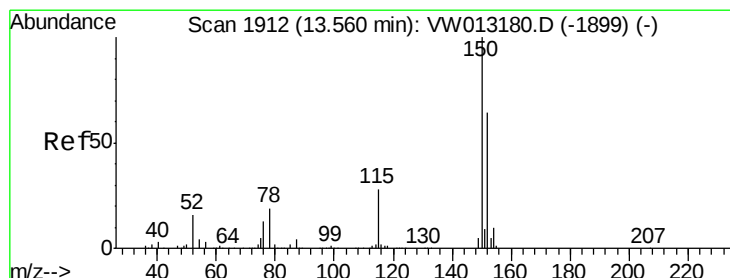
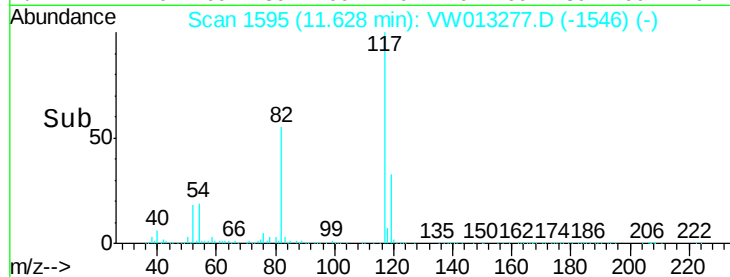
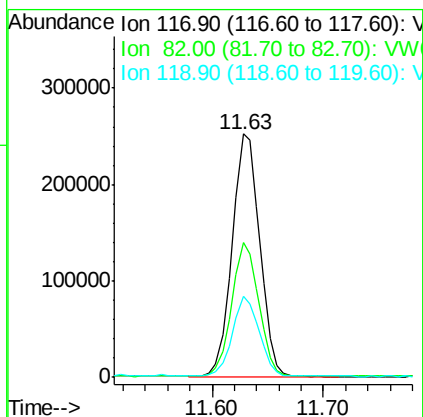
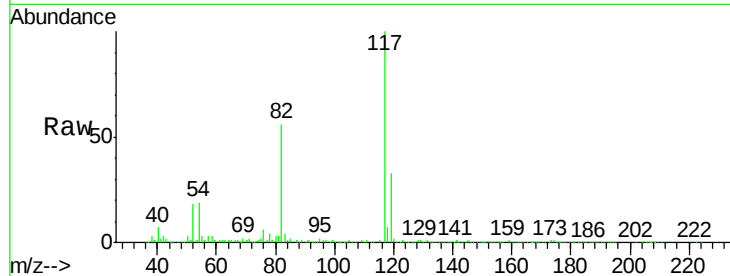




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013277.D
Acq: 24 Sep 2019 15:38

Instrument :
MSVOA_W
ClientSampleId :
SB-5

Tot Ion:117 Resp: 432338
Ion Ratio Lower Upper
117 100
82 55.2 45.9 68.9
119 32.6 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: VW013277.D
Acq: 24 Sep 2019 15:38

Tgt Ion:152 Resp: 185349
Ion Ratio Lower Upper
152 100
115 55.4 27.3 81.9
150 157.5 0.0 349.0

