

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092319\
 Data File : VW013264.D
 Acq On : 24 Sep 2019 07:40
 Operator : SY/VA
 Sample : K5008-04
 Misc : 5.58G/5ML/MSVOA W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4

Quant Time: Sep 24 09:04:50 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

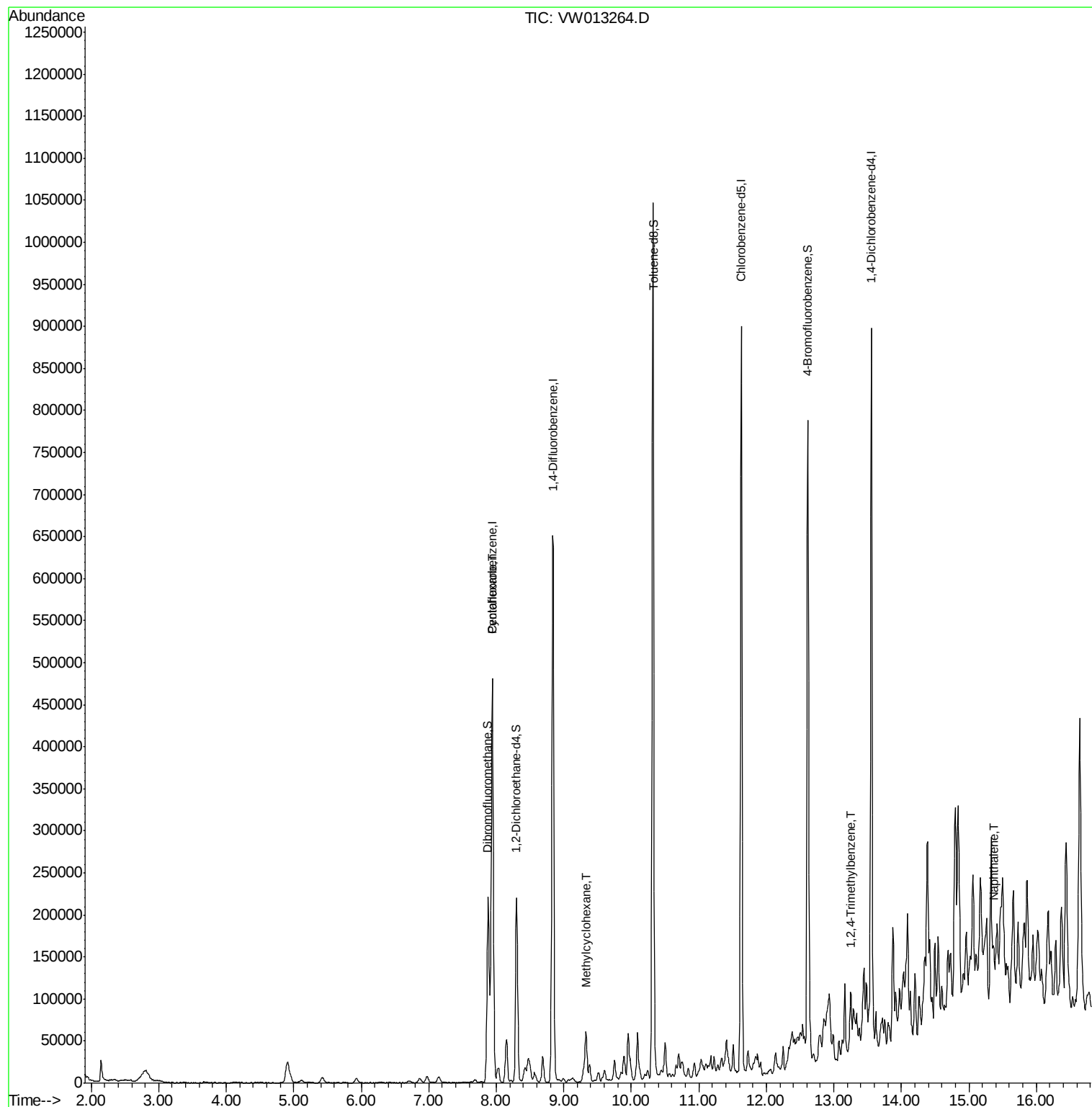
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	393035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	584143	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	521125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	238482	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	165811	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
35) Dibromofluoromethane	7.88	113	158502	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
50) Toluene-d8	10.32	98	704572	52.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.80%	
62) 4-Bromofluorobenzene	12.62	95	234446	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.08%	
Target Compounds						
31) Cyclohexane	7.93	56	15599	2.243	ug/l #	52
39) Methylcyclohexane	9.33	83	19998	2.750	ug/l	93
84) 1,2,4-Trimethylbenzene	13.25	105	40072	2.719	ug/l	100
95) Naphthalene	15.36	128	62222	7.638	ug/l	96

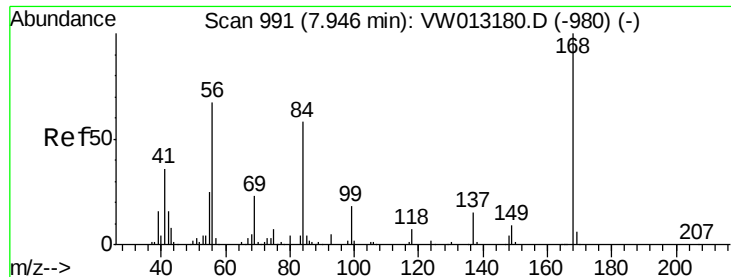
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092319\
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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: VW013264.D

Acq: 24 Sep 2019 07:40

Instrument :

MSVOA_W

ClientSampled :

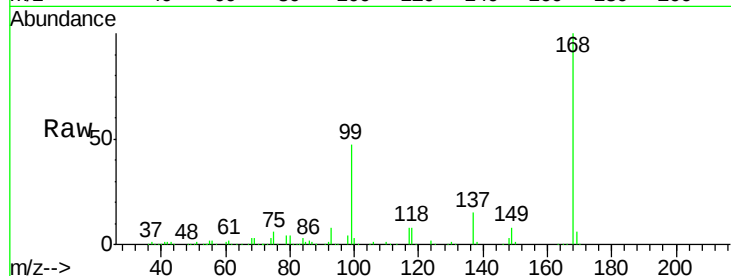
SB-4

Tot Ion:168 Resp: 393035

Ion Ratio Lower Upper

168 100

99 47.3 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

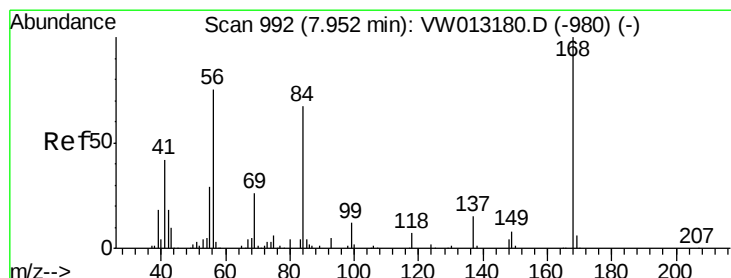
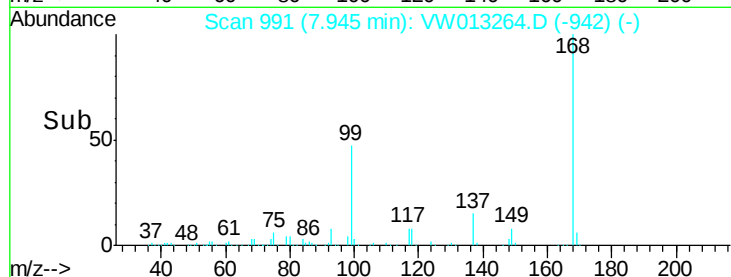
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#31

Cyclohexane

Concen: 2.243 ug/l

RT: 7.93 min Scan# 989

Delta R.T. -0.02 min

Lab File: VW013264.D

Acq: 24 Sep 2019 07:40

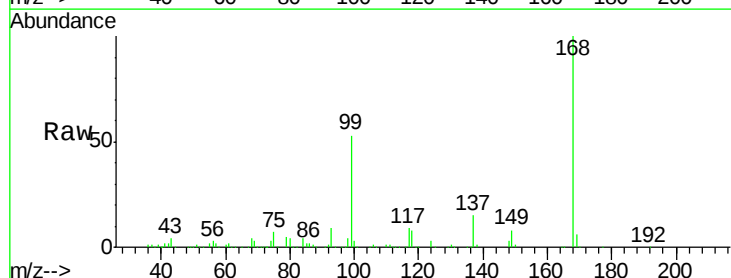
Tgt Ion: 56 Resp: 15599

Ion Ratio Lower Upper

56 100

69 95.6 27.2 40.8#

84 112.0 70.8 106.2#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

7.93

8000

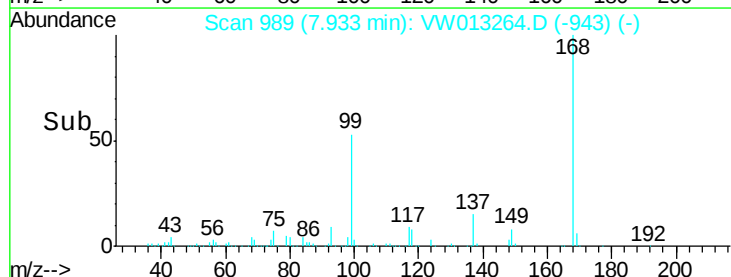
6000

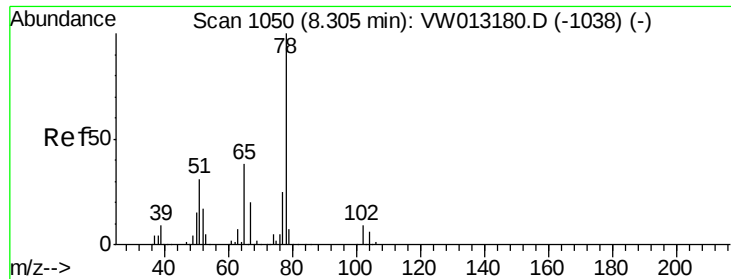
4000

2000

0

Time--> 7.80 7.85 7.90 7.95 8.00





#33

1,2-Dichloroethane-d4

Concen: 51.691 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013264.D

Acq: 24 Sep 2019 07:40

Instrument :

MSVOA_W

ClientSampled :

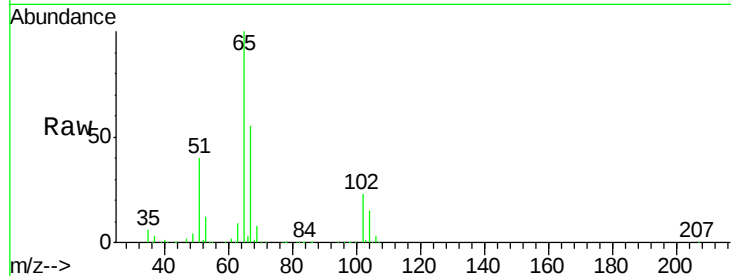
SB-4

Tot Ion: 65 Resp: 165811

Ion Ratio Lower Upper

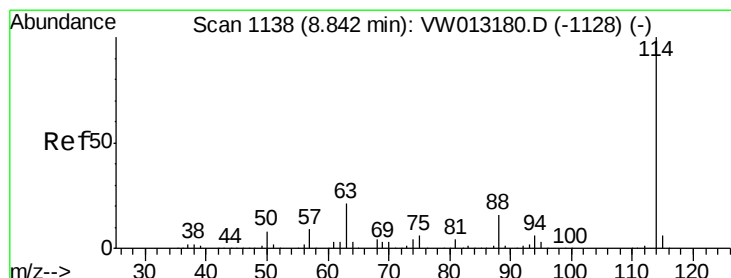
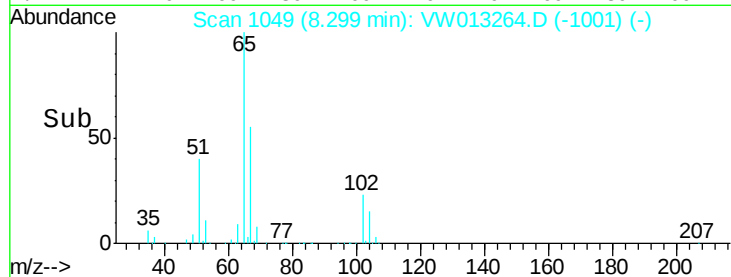
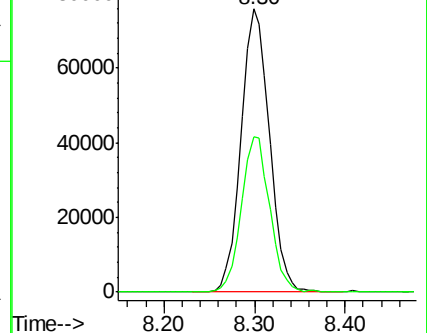
65 100

67 54.6 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013264.D

Acq: 24 Sep 2019 07:40

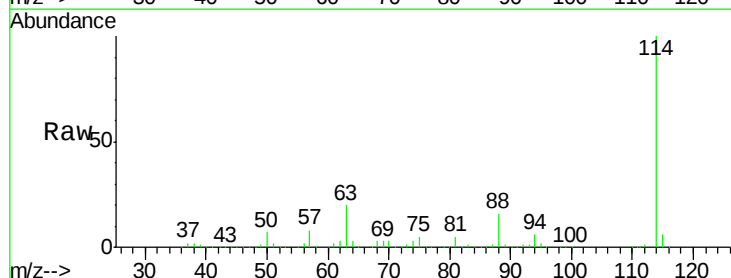
Tgt Ion: 114 Resp: 584143

Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.4

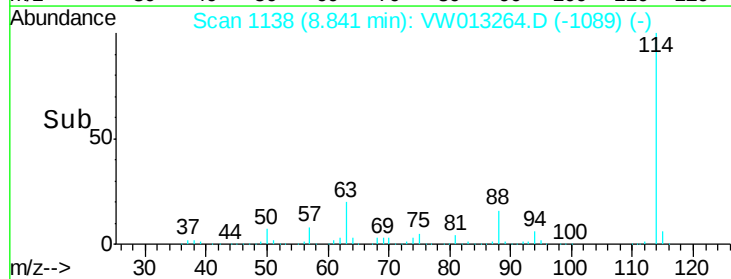
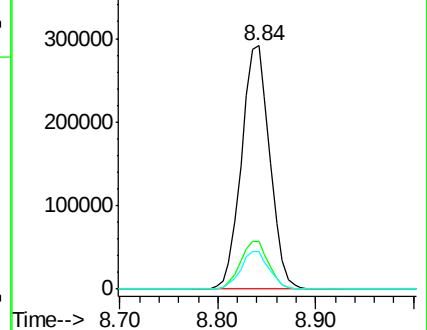
88 15.5 0.0 32.0

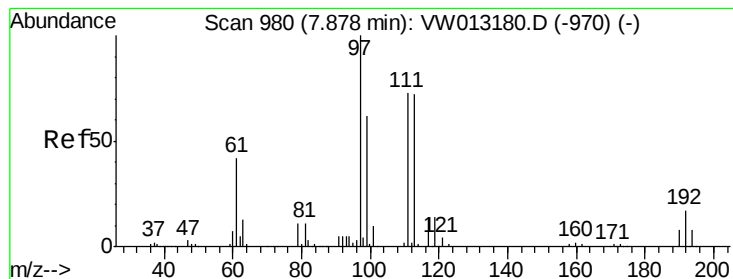


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 49.335 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013264.D

Acq: 24 Sep 2019 07:40

Instrument :

MSVOA_W

ClientSampleId :

SB-4

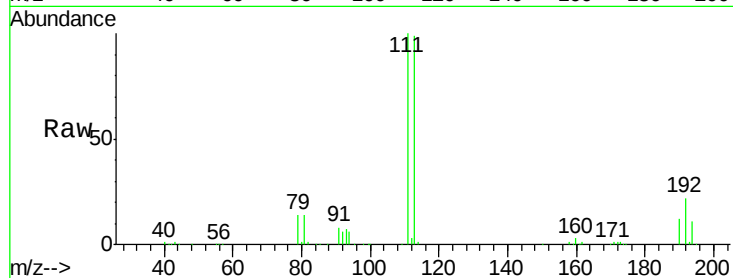
Tot Ion:113 Resp: 158502

Ion Ratio Lower Upper

113 100

111 103.1 81.9 122.9

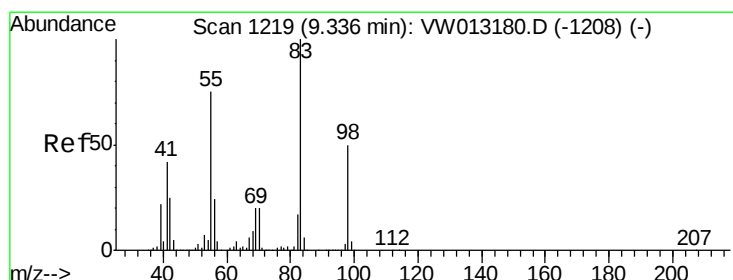
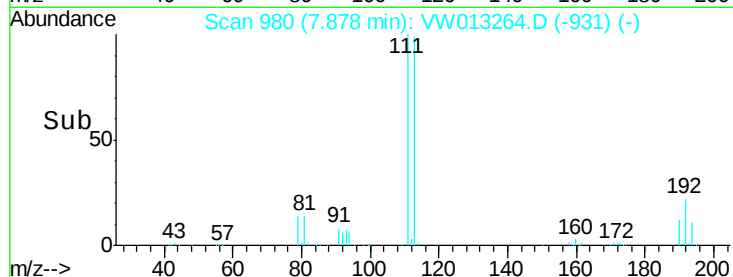
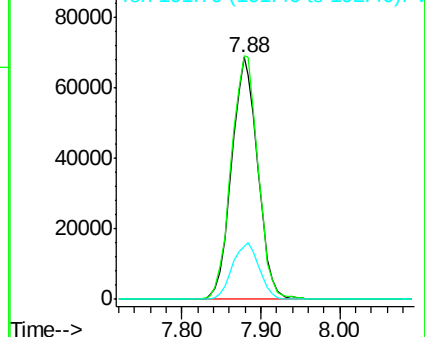
192 23.8 19.1 28.7



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



#39

Methylcyclohexane

Concen: 2.750 ug/l

RT: 9.33 min Scan# 1218

Delta R.T. -0.01 min

Lab File: VW013264.D

Acq: 24 Sep 2019 07:40

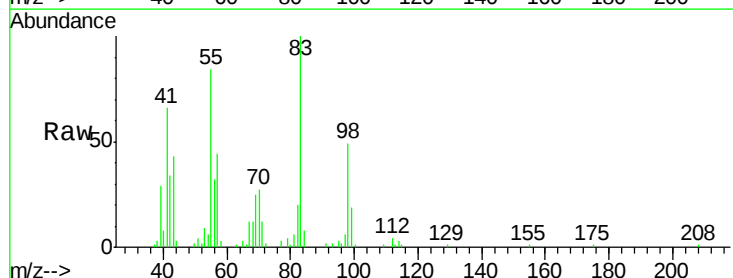
Tgt Ion: 83 Resp: 19998

Ion Ratio Lower Upper

83 100

55 84.3 60.4 90.6

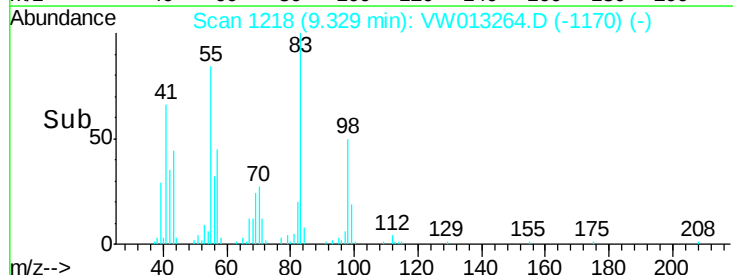
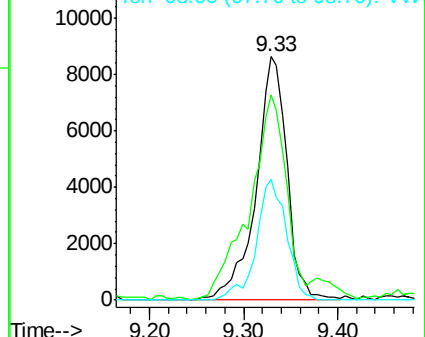
98 49.4 40.0 60.0

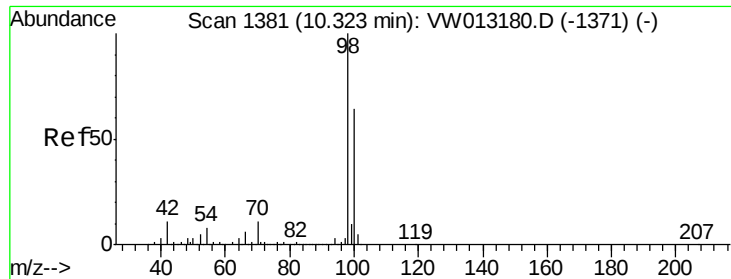


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#50

Toluene-d8

Concen: 52.400 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013264.D

Acq: 24 Sep 2019 07:40

Instrument :

MSVOA_W

ClientSampled :

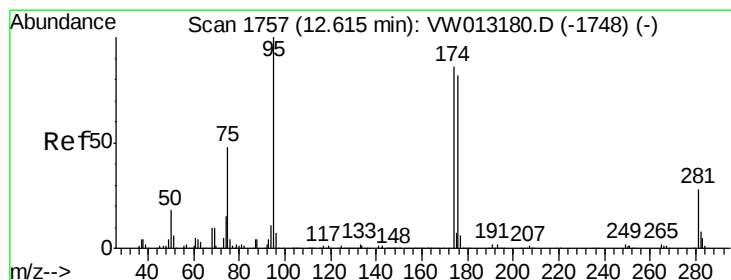
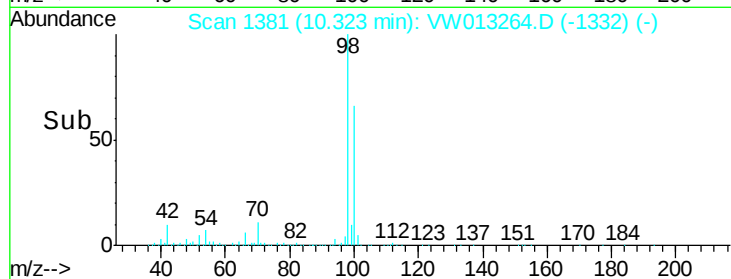
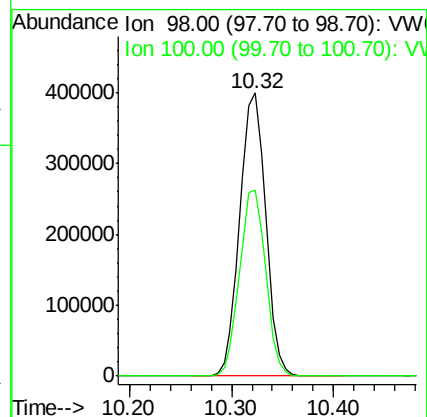
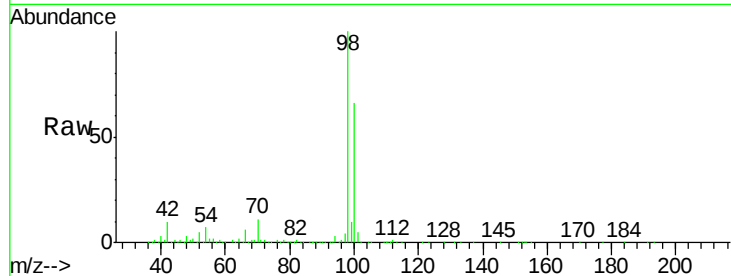
SB-4

Tot Ion: 98 Resp: 704572

Ion Ratio Lower Upper

98 100

100 65.9 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 51.044 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013264.D

Acq: 24 Sep 2019 07:40

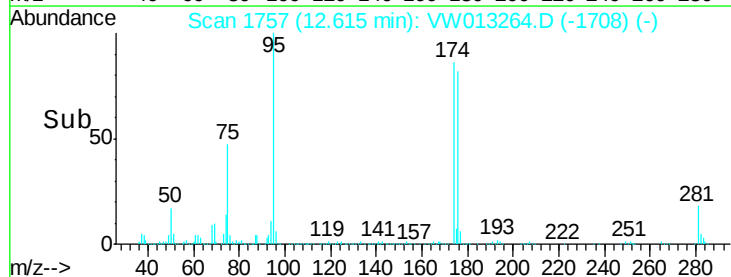
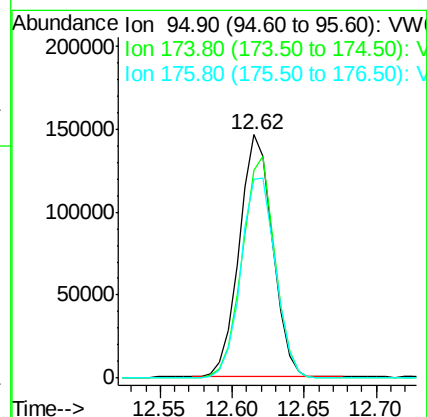
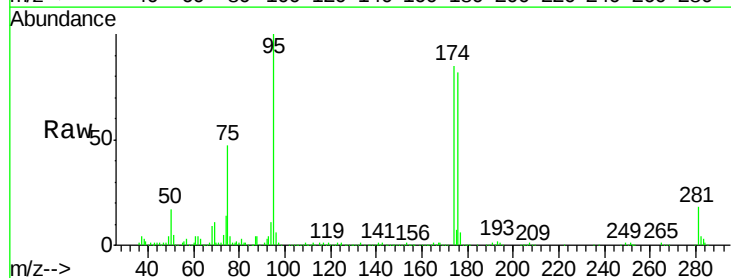
Tgt Ion: 95 Resp: 234446

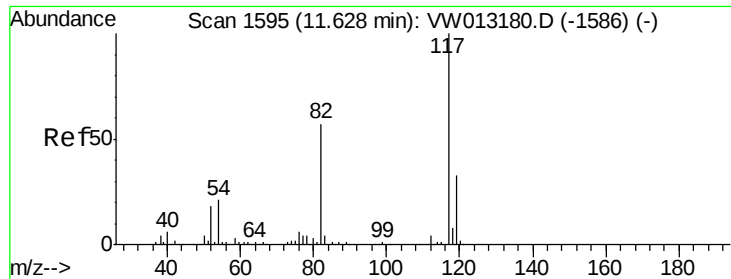
Ion Ratio Lower Upper

95 100

174 90.3 0.0 178.4

176 86.0 0.0 172.2

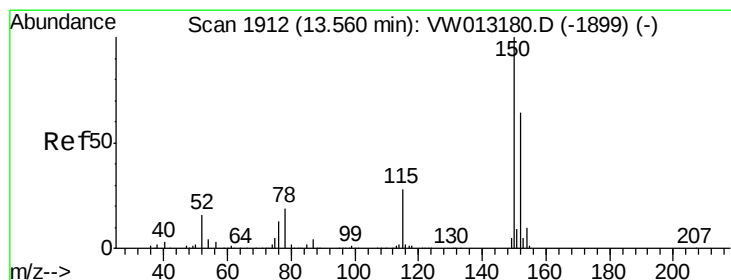
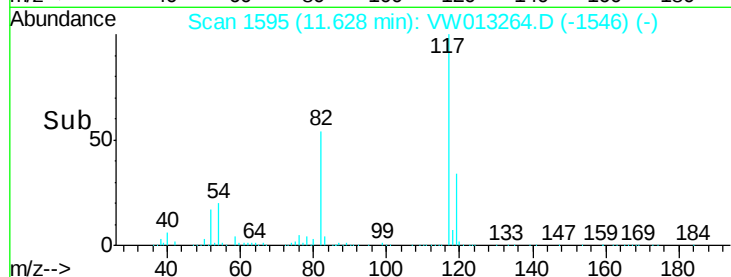
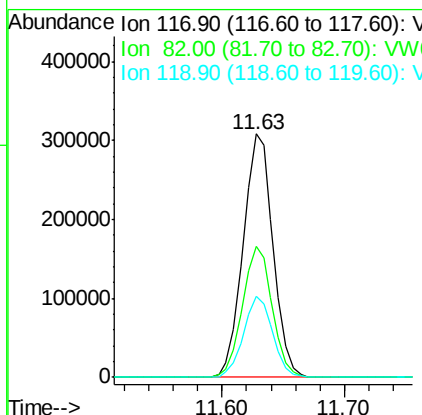
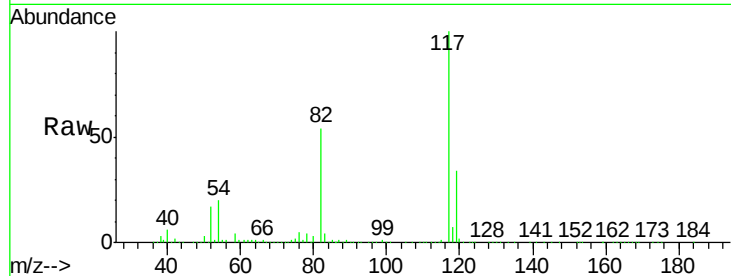




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013264.D
Acq: 24 Sep 2019 07:40

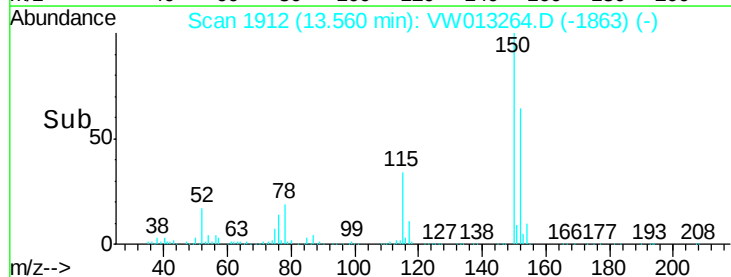
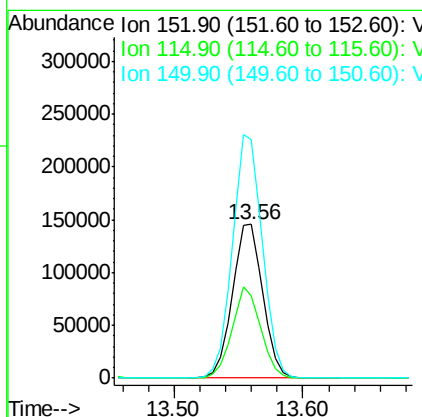
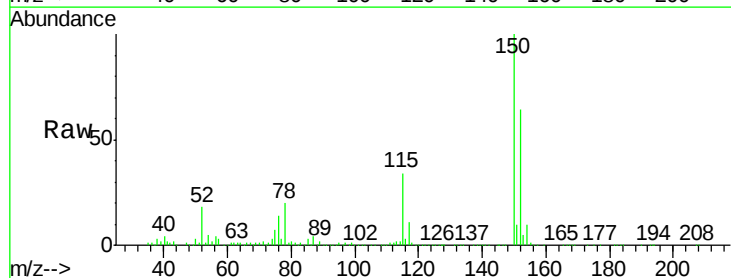
Instrument :
MSVOA_W
ClientSampleId :
SB-4

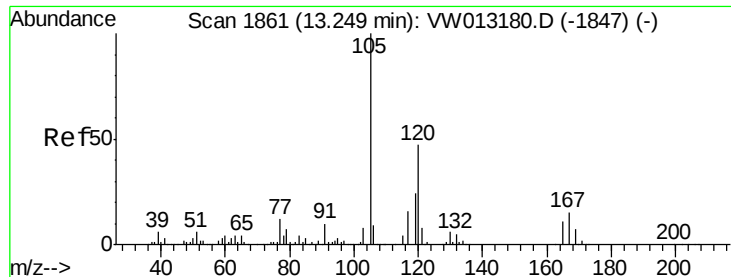
Tot Ion:117 Resp: 521125
Ion Ratio Lower Upper
117 100
82 53.7 45.9 68.9
119 33.5 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013264.D
Acq: 24 Sep 2019 07:40

Tgt Ion:152 Resp: 238482
Ion Ratio Lower Upper
152 100
115 55.5 27.3 81.9
150 156.6 0.0 349.0





#84

1,2,4-Trimethylbenzene

Concen: 2.719 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VW013264.D

Acq: 24 Sep 2019 07:40

Instrument :

MSVOA_W

ClientSampleId :

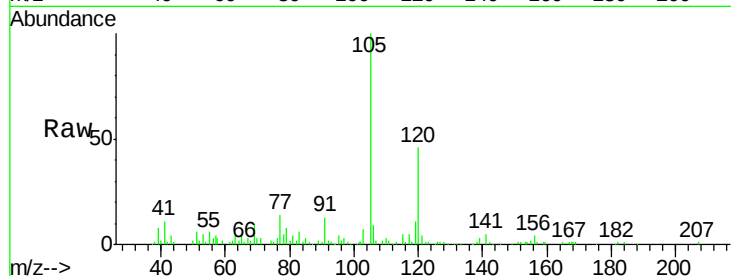
SB-4

Tot Ion:105 Resp: 40072

Ion Ratio Lower Upper

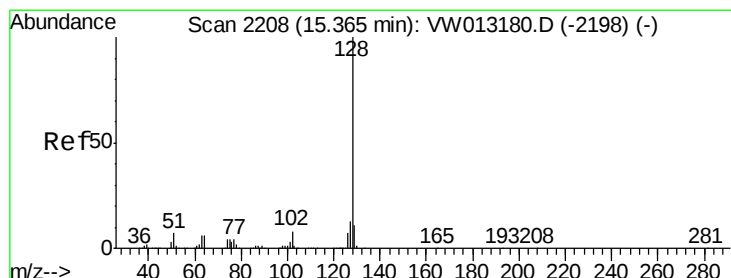
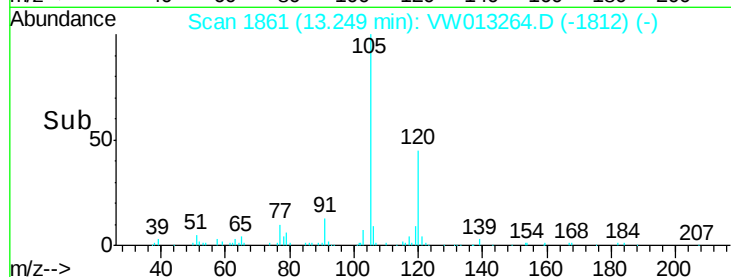
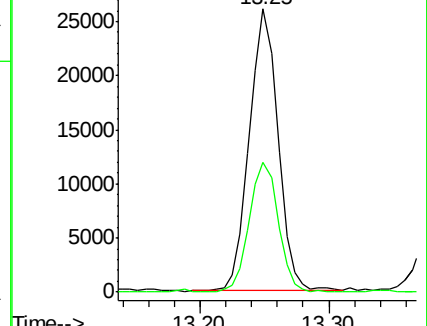
105 100

120 46.7 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 7.638 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW013264.D

Acq: 24 Sep 2019 07:40

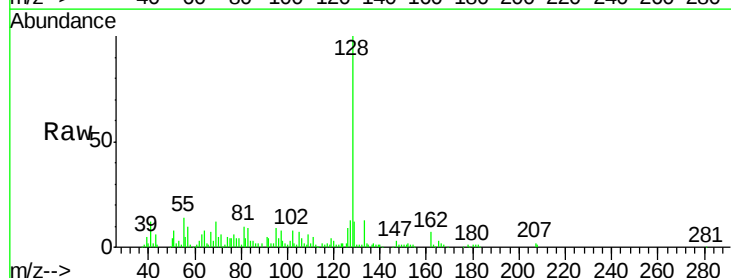
Tgt Ion:128 Resp: 62222

Ion Ratio Lower Upper

128 100

127 15.2 10.6 15.8

129 12.3 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

