

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031919\
 Data File : VW009264.D
 Acq On : 20 Mar 2019 03:46
 Operator : SY/VA
 Sample : K1984-01
 Misc : 4.79G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-12(7-8)

Quant Time: Mar 20 08:50:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W031919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 07:22:50 2019
 Response via : Initial Calibration

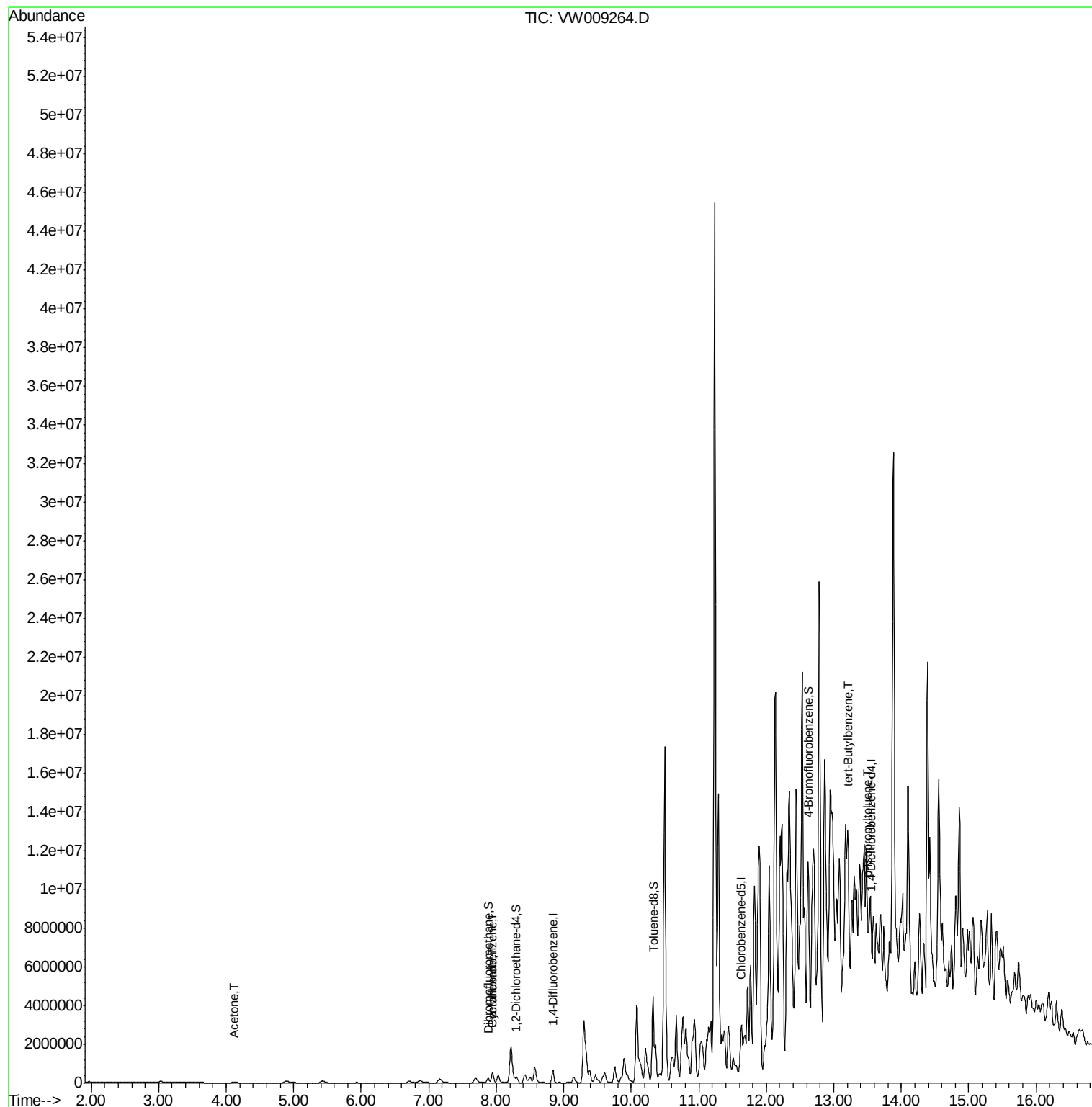
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	313214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	509296	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	515707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	460539	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	196244	58.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.80%	
35) Dibromofluoromethane	7.88	113	166594	51.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.14%	
50) Toluene-d8	10.32	98	826071	70.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	140.72%	
62) 4-Bromofluorobenzene	12.62	95	1542597	357.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	715.70%	
Target Compounds						
16) Acetone	4.12	43	46661	68.265	ug/l #	74
31) Cyclohexane	7.95	56	73374	13.423	ug/l #	93
83) tert-Butylbenzene	13.21	119	596254	26.654	ug/l	88
86) p-Isopropyltoluene	13.51	119	82485	2.802	ug/l #	75

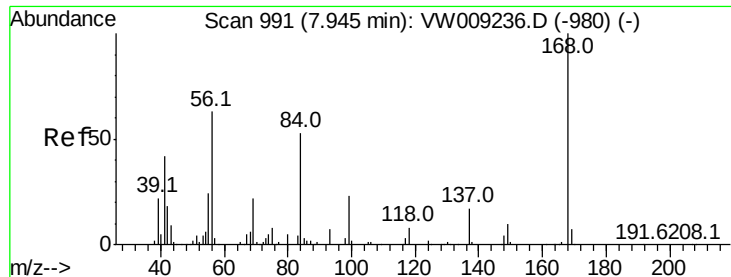
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 20 07:22:50 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: VW009264.D

Acq: 20 Mar 2019 03:46

Instrument :

MSVOA_W

ClientSampleId :

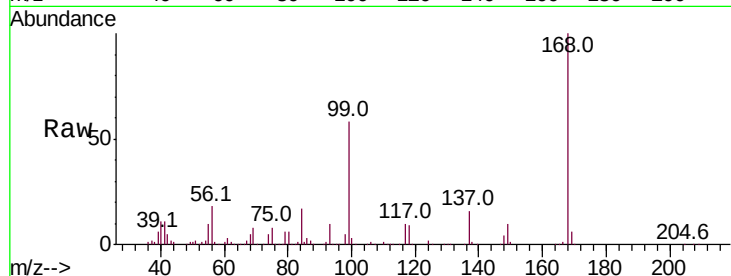
SB-12(7-8)

Tot Ion:168 Resp: 313214

Ion Ratio Lower Upper

168 100

99 58.0 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

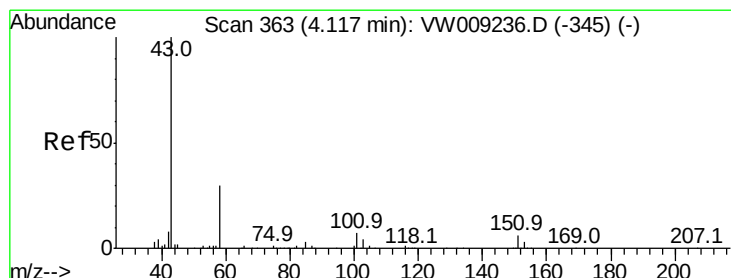
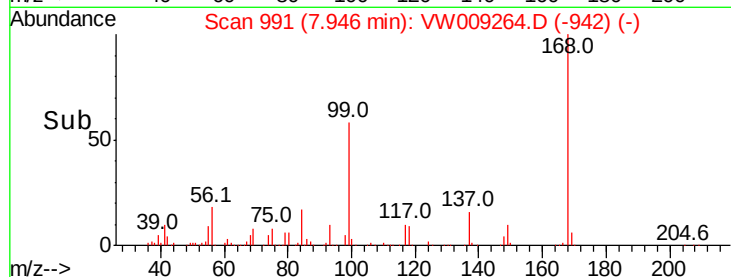
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 68.265 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009264.D

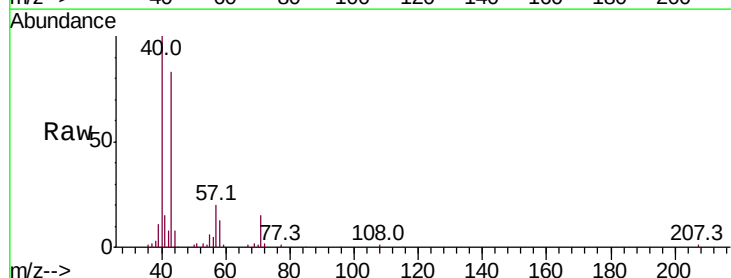
Acq: 20 Mar 2019 03:46

Tgt Ion: 43 Resp: 46661

Ion Ratio Lower Upper

43 100

58 15.7 23.6 35.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

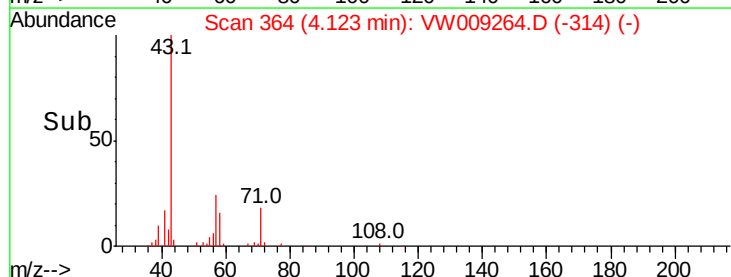
4.12

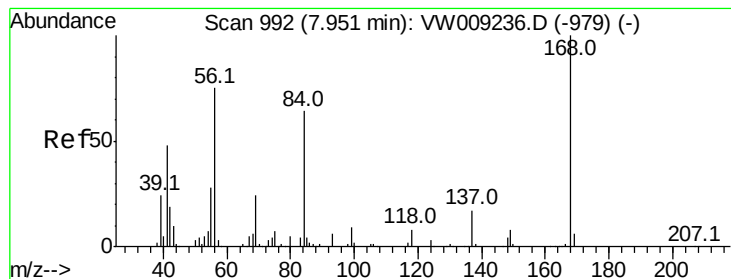
10000

5000

0

Time--> 4.00 4.10 4.20





#31

Cyclohexane

Concen: 13.423 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW009264.D

Acq: 20 Mar 2019 03:46

Instrument :

MSVOA_W

ClientSampleId :

SB-12(7-8)

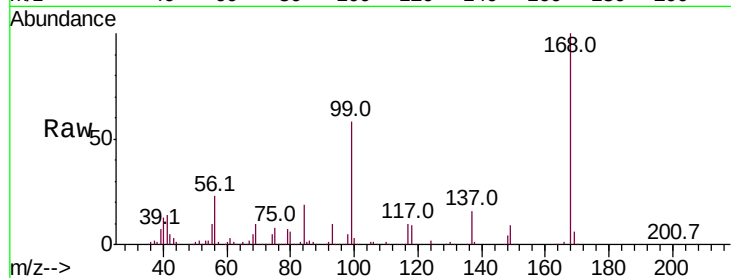
Tot Ion: 56 Resp: 73374

Ion Ratio Lower Upper

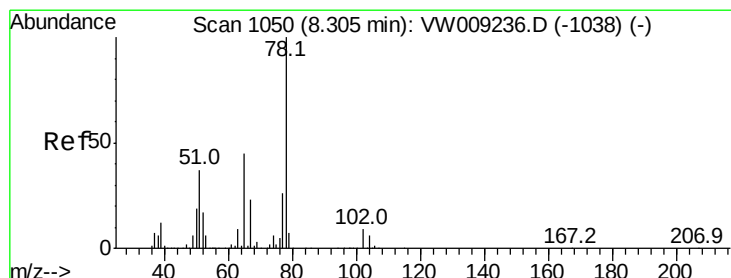
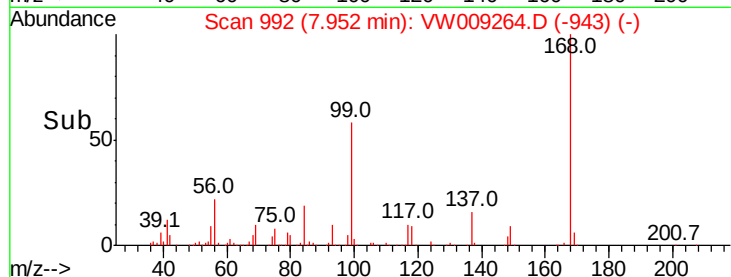
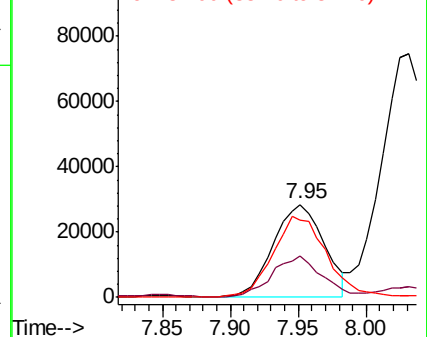
56 100

69 42.9 26.1 39.1#

84 83.3 68.6 103.0



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



#33

1,2-Dichloroethane-d4

Concen: 58.904 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW009264.D

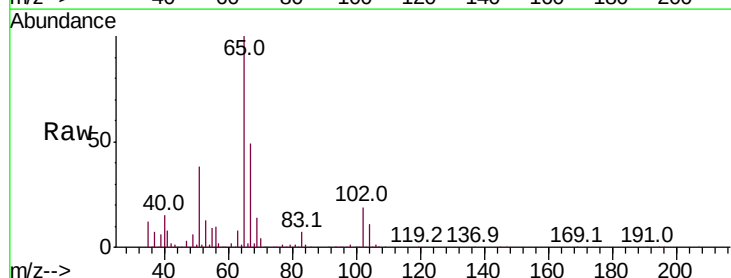
Acq: 20 Mar 2019 03:46

Tgt Ion: 65 Resp: 196244

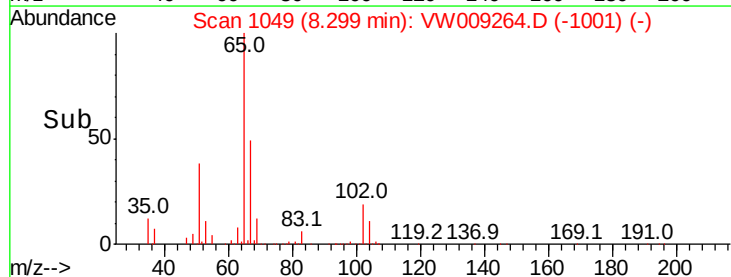
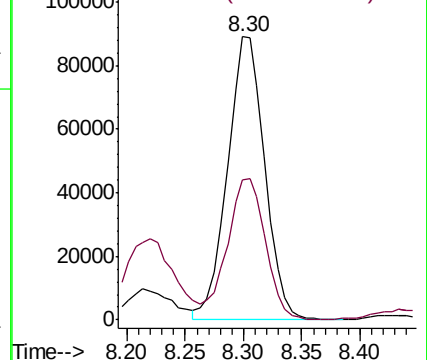
Ion Ratio Lower Upper

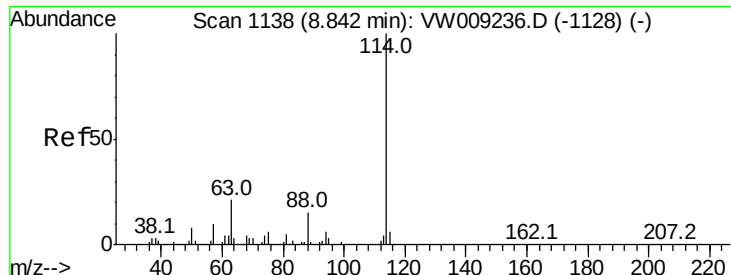
65 100

67 51.3 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

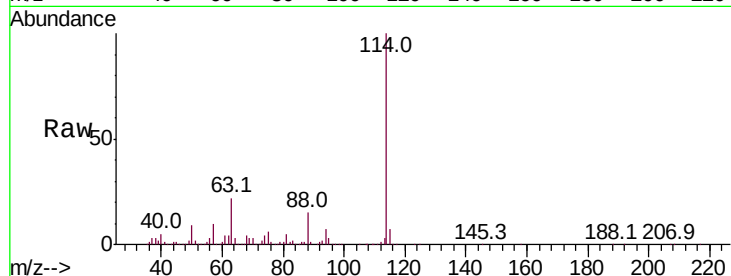




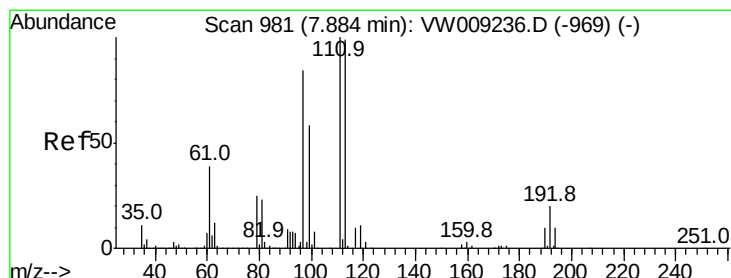
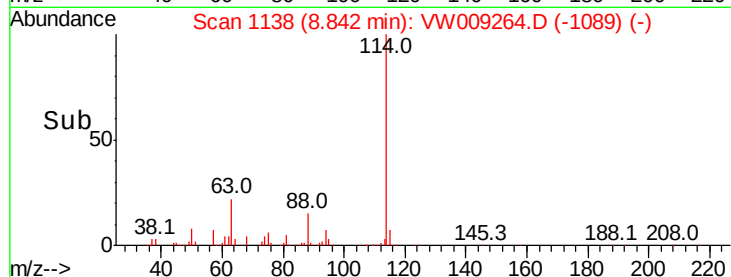
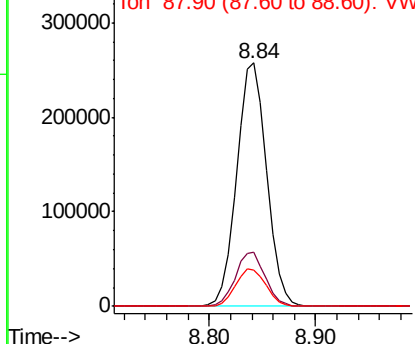
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009264.D
 Acq: 20 Mar 2019 03:46

Instrument :
 MSVOA_W
 ClientSampled :
 SB-12(7-8)

Tot Ion:114 Resp: 509296
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 42.2
 88 15.1 0.0 30.8

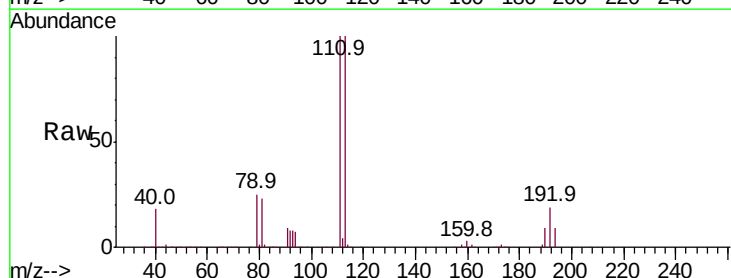


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

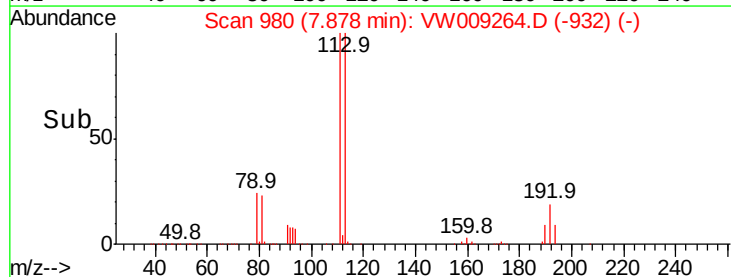
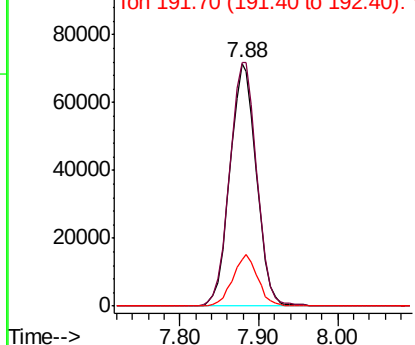


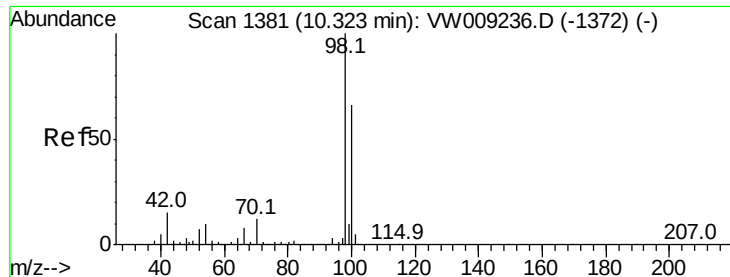
#35
 Dibromofluoromethane
 Concen: 51.566 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW009264.D
 Acq: 20 Mar 2019 03:46

Tgt Ion:113 Resp: 166594
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.6 124.0
 192 20.1 16.4 24.6



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: 70.360 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009264.D

Acq: 20 Mar 2019 03:46

Instrument :

MSVOA_W

ClientSampleId :

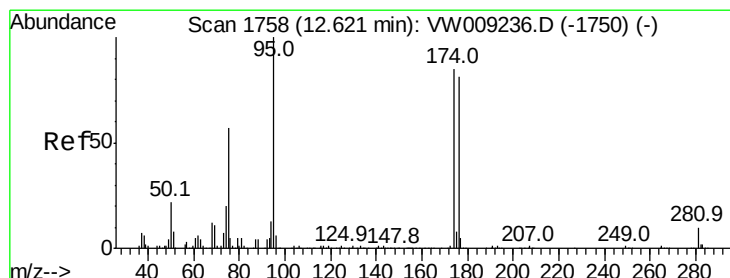
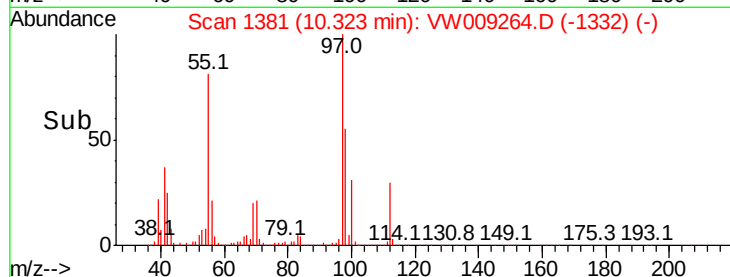
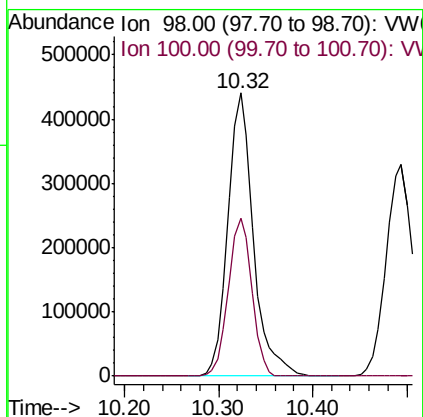
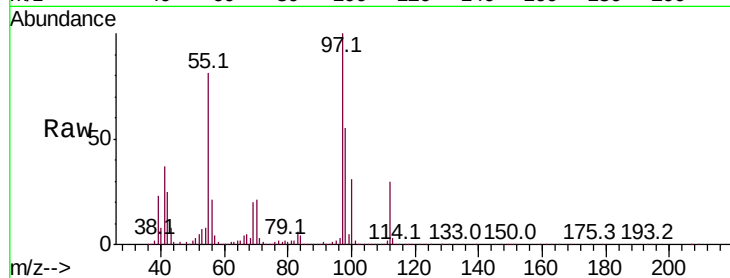
SB-12(7-8)

Tot Ion: 98 Resp: 826071

Ion Ratio Lower Upper

98 100

100 51.5 52.6 79.0#



#62

4-Bromofluorobenzene

Concen: 357.850 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW009264.D

Acq: 20 Mar 2019 03:46

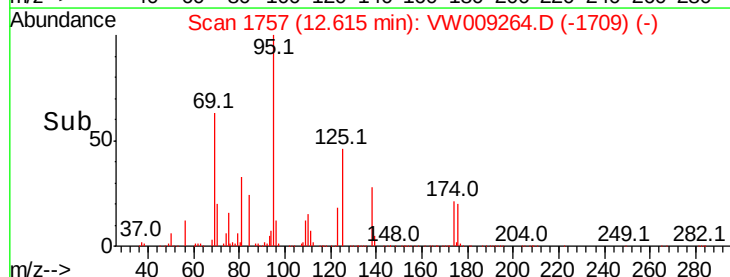
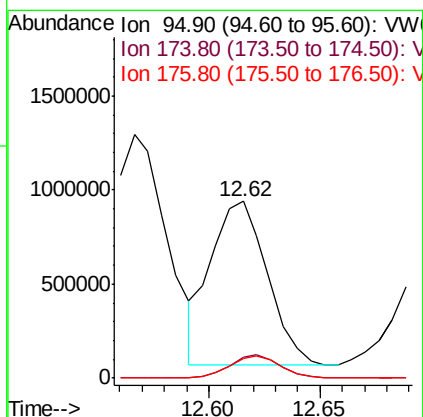
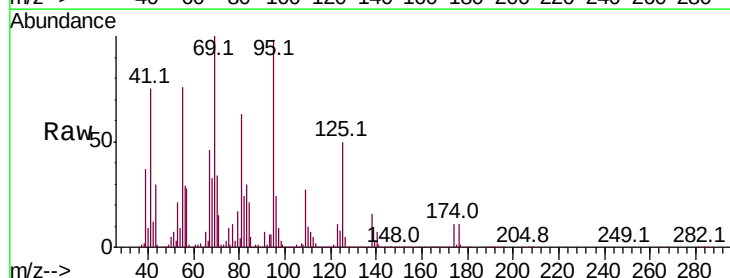
Tgt Ion: 95 Resp: 1542597

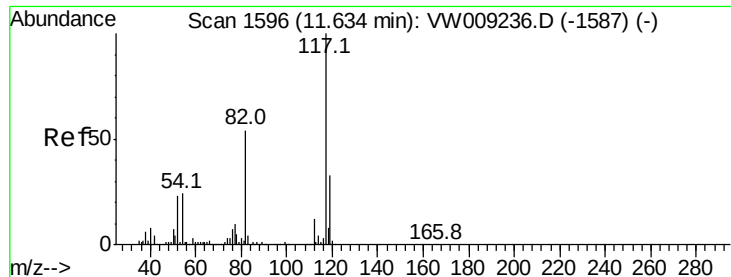
Ion Ratio Lower Upper

95 100

174 12.5 0.0 168.4

176 12.2 0.0 161.6

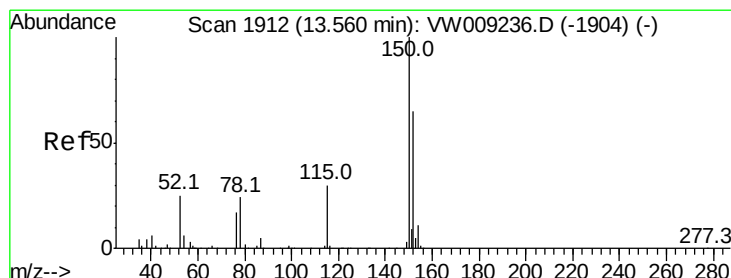
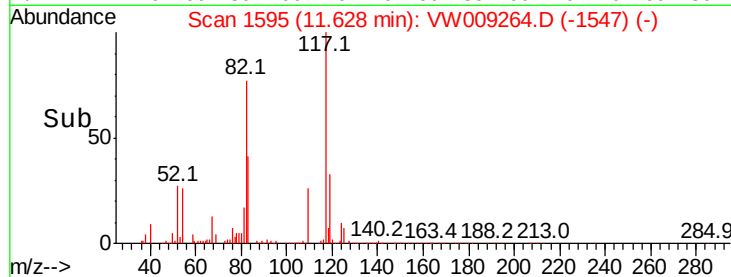
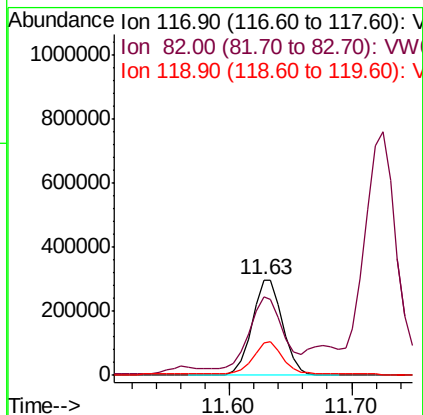
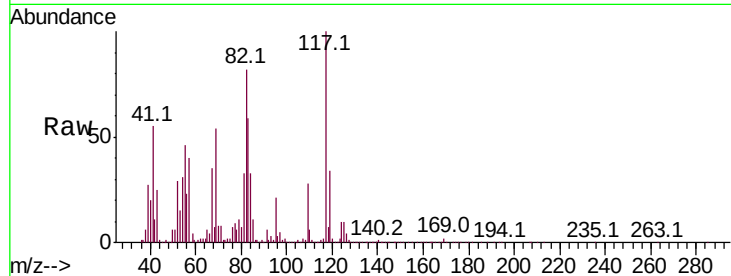




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW009264.D
Acq: 20 Mar 2019 03:46

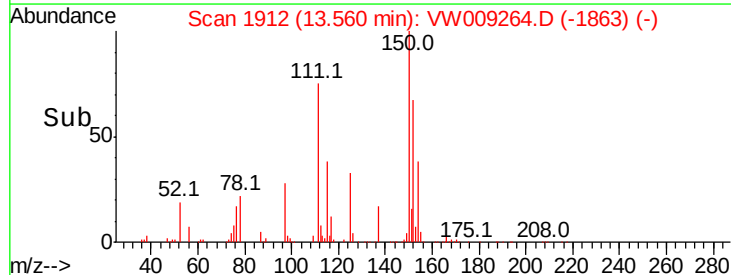
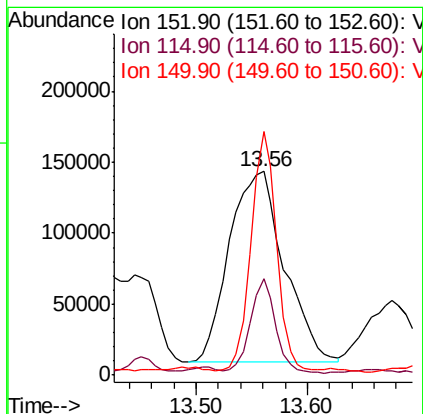
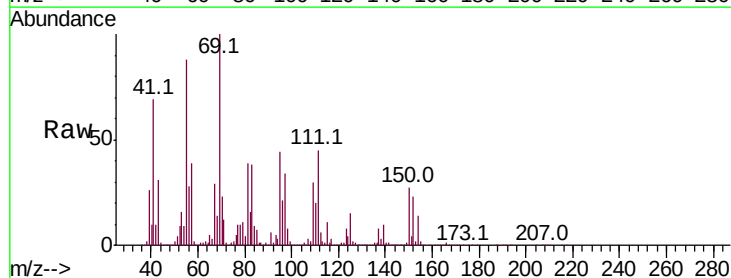
Instrument :
MSVOA_W
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SB-12(7-8)

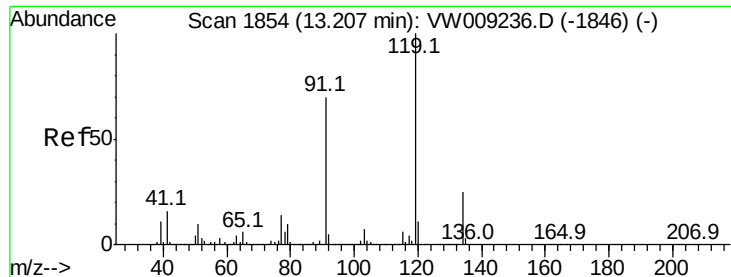
Tot Ion:117 Resp: 515707
Ion Ratio Lower Upper
117 100
82 73.3 43.6 65.4#
119 32.4 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW009264.D
Acq: 20 Mar 2019 03:46

Tgt Ion:152 Resp: 460539
Ion Ratio Lower Upper
152 100
115 22.6 29.6 88.8#
150 57.9 0.0 349.2

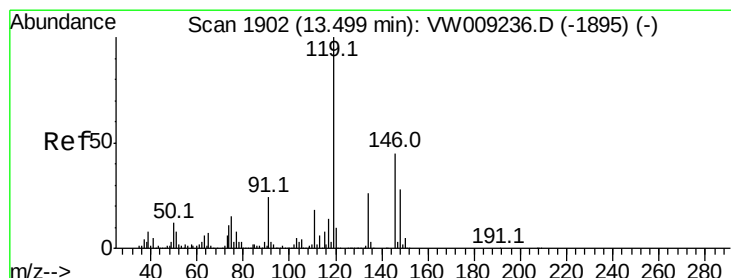
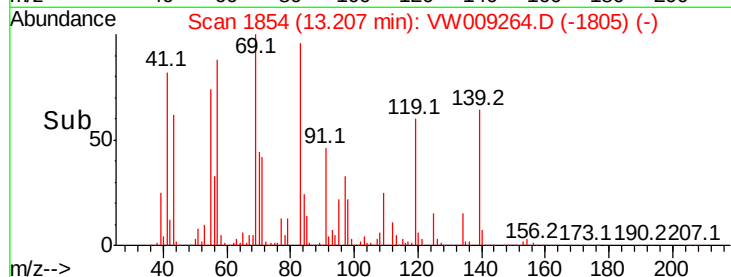
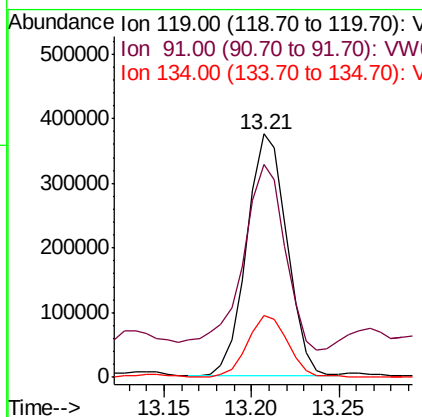
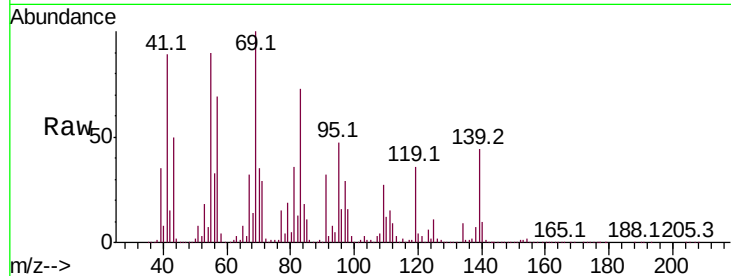




#83
tert-Butylbenzene
Concen: 26.654 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW009264.D
Acq: 20 Mar 2019 03:46

Instrument :
MSVOA_W
ClientSampleId :
SB-12(7-8)

Tot Ion:119 Resp: 596254
Ion Ratio Lower Upper
119 100
91 81.8 34.4 103.2
134 25.5 12.7 38.1



#86
p-Isopropyltoluene
Concen: 2.802 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.01 min
Lab File: VW009264.D
Acq: 20 Mar 2019 03:46

Tgt Ion:119 Resp: 82485
Ion Ratio Lower Upper
119 100
134 27.0 13.1 39.3
91 0.0 12.3 36.8#

