

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW033119\
 Data File : VW009623.D
 Acq On : 31 Mar 2019 20:51
 Operator : SY/VA
 Sample : K2139-05
 Misc : 5.16G/5.0ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S7B(8)

Quant Time: Apr 01 06:01:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W032919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 29 13:24:53 2019
 Response via : Initial Calibration

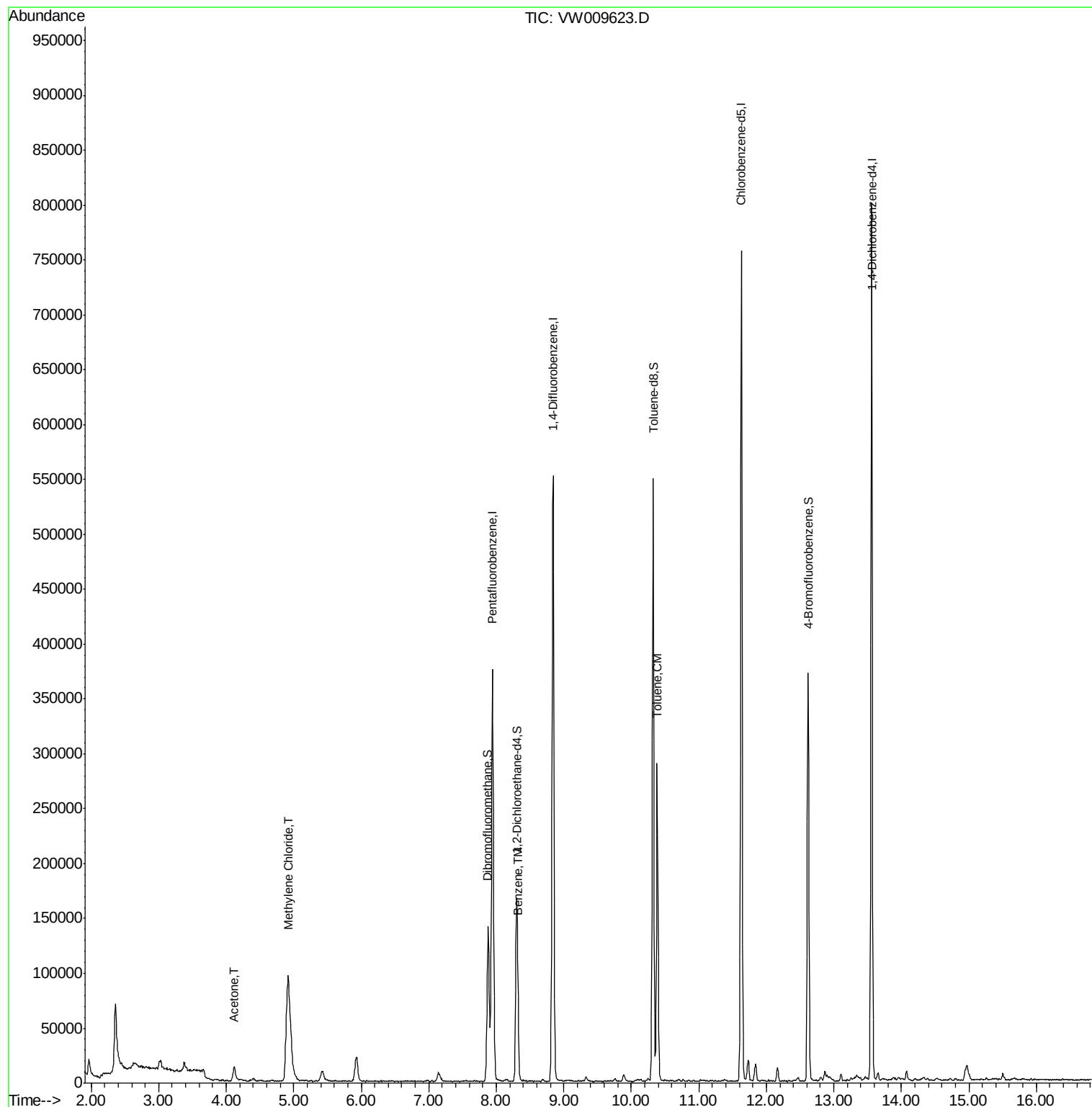
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	257484	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	424240	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	395518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	184715	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	121463	41.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.50%	
35) Dibromofluoromethane	7.88	113	96210	36.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.22%	
50) Toluene-d8	10.32	98	331498	33.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.32%	
62) 4-Bromofluorobenzene	12.62	95	109698	29.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	59.72%	
Target Compounds						
16) Acetone	4.12	43	22977	34.708	ug/l #	87
20) Methylene Chloride	4.92	84	93712	34.912	ug/l #	89
40) Benzene	8.32	78	17885	1.505	ug/l	100
52) Toluene	10.38	92	115429	15.508	ug/l	99

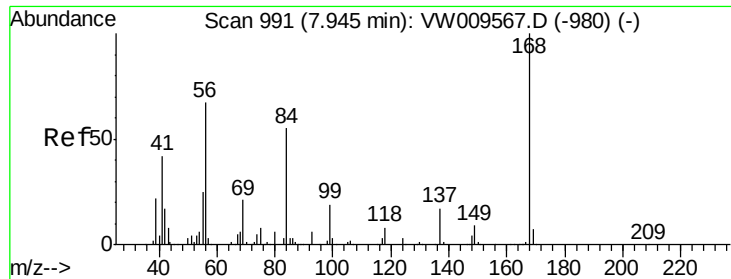
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 29 13:24:53 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: VW009623.D

Acq: 31 Mar 2019 20:51

Instrument :

MSVOA_W

ClientSampled :

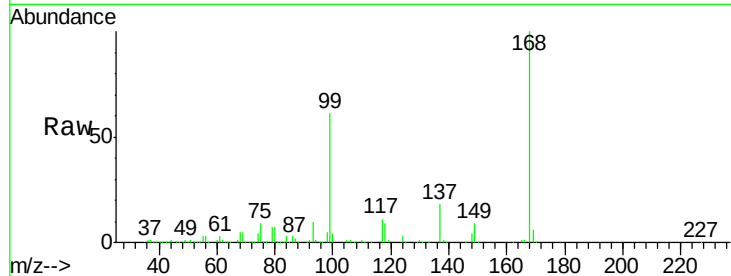
S7B(8)

Tot Ion:168 Resp: 257484

Ion Ratio Lower Upper

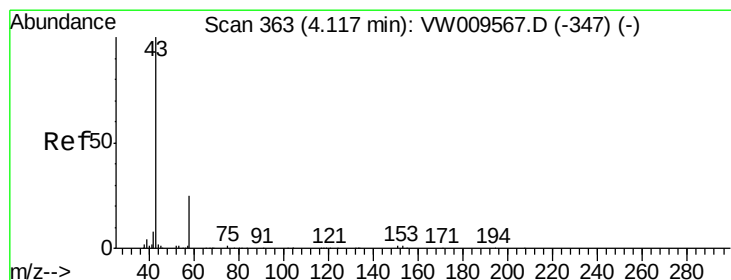
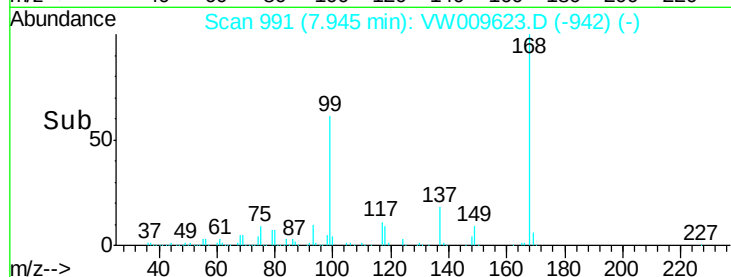
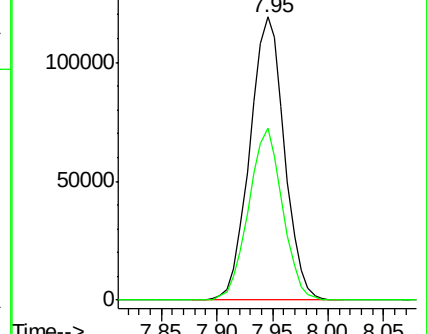
168 100

99 60.6 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 34.708 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009623.D

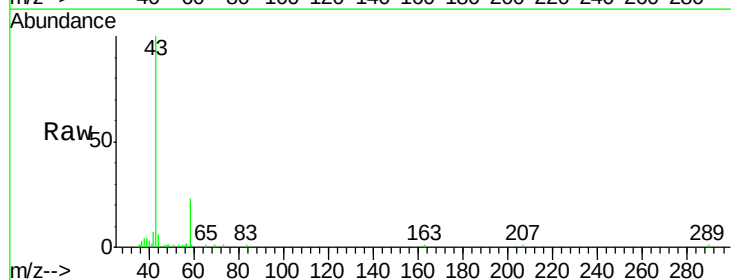
Acq: 31 Mar 2019 20:51

Tgt Ion: 43 Resp: 22977

Ion Ratio Lower Upper

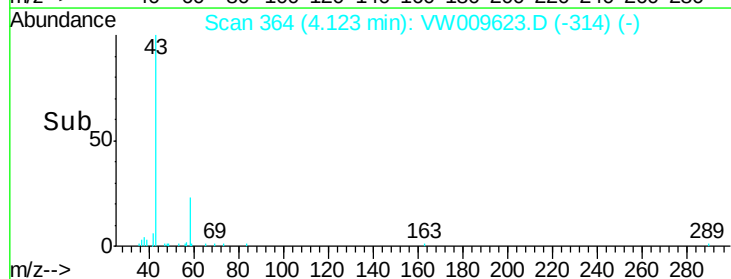
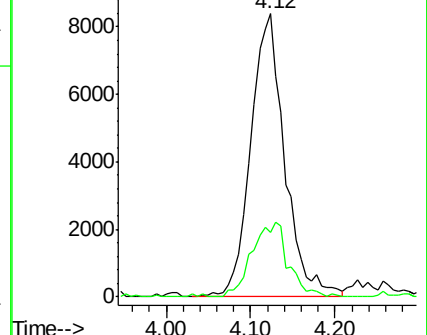
43 100

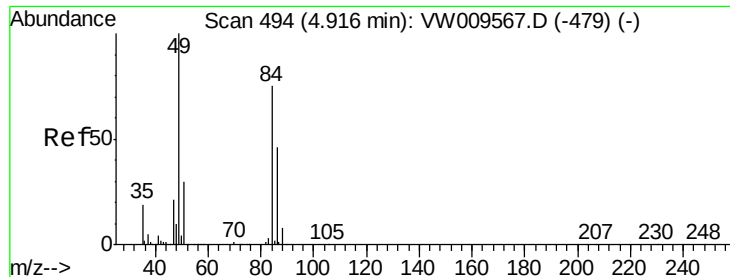
58 22.7 23.6 35.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

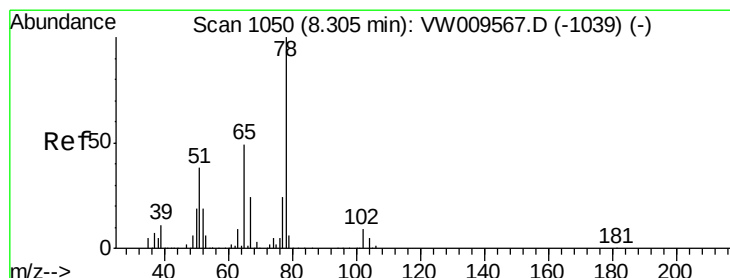
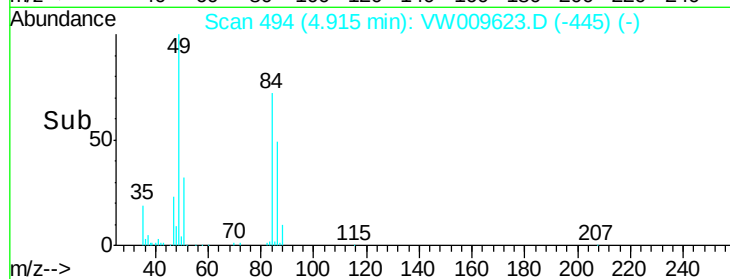
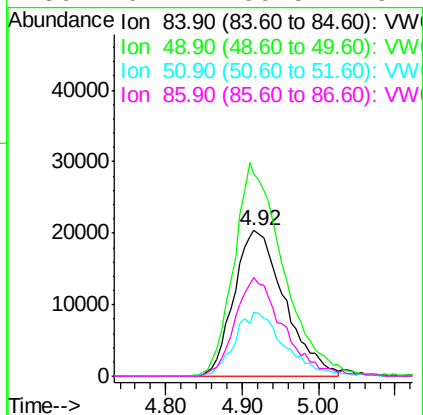
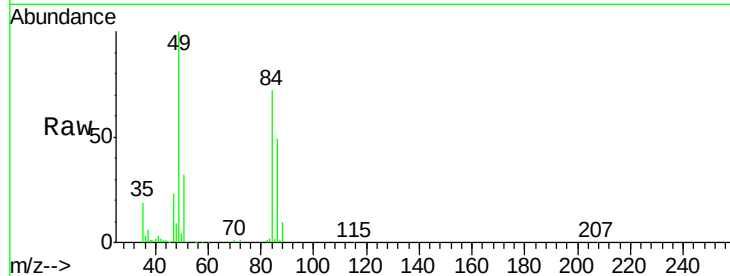




#20
Methylene Chloride
Concen: 34.912 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009623.D
Acq: 31 Mar 2019 20:51

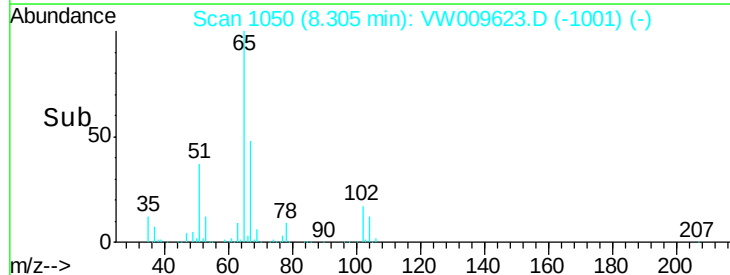
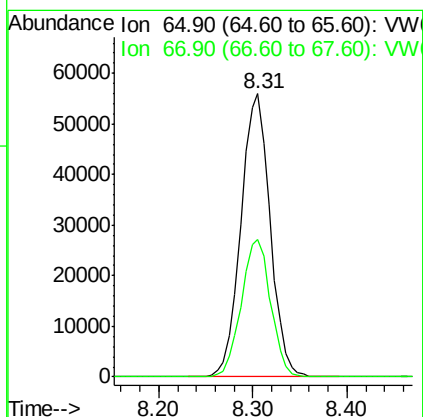
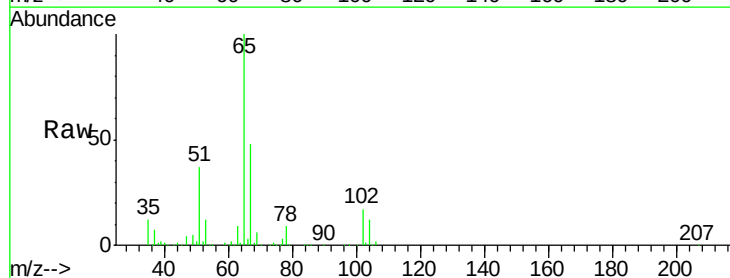
Instrument :
MSVOA_W
ClientSampled :
S7B(8)

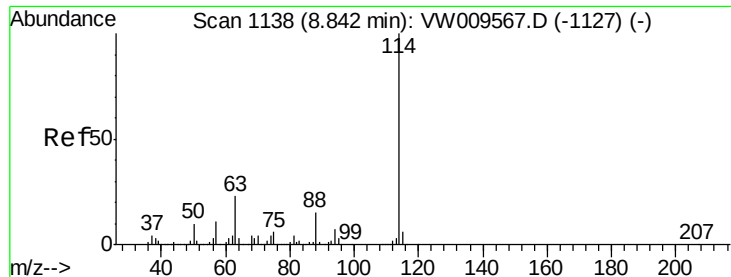
Tot Ion: 84 Resp: 93712
Ion Ratio Lower Upper
84 100
49 138.8 99.1 148.7
51 44.4 28.7 43.1#
86 67.7 50.5 75.7



#33
1,2-Dichloroethane-d4
Concen: 41.252 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW009623.D
Acq: 31 Mar 2019 20:51

Tgt Ion: 65 Resp: 121463
Ion Ratio Lower Upper
65 100
67 48.6 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW009623.D

Acq: 31 Mar 2019 20:51

Instrument :

MSVOA_W

ClientSampleId :

S7B(8)

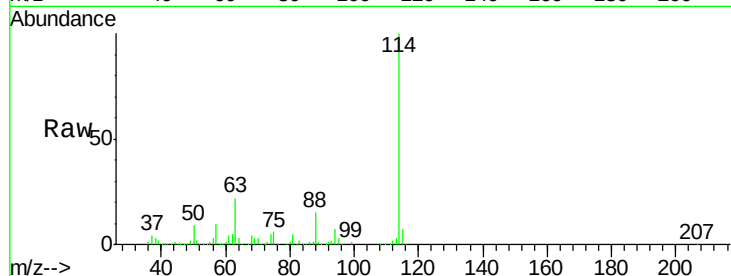
Tot Ion:114 Resp: 424240

Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.2

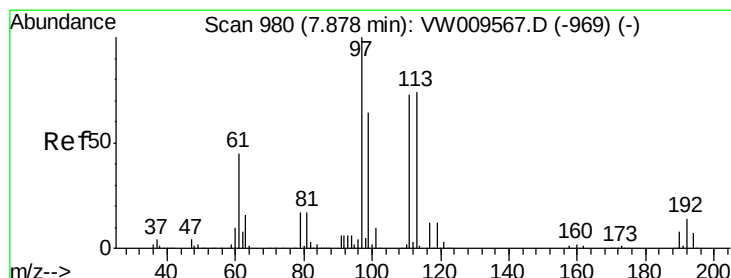
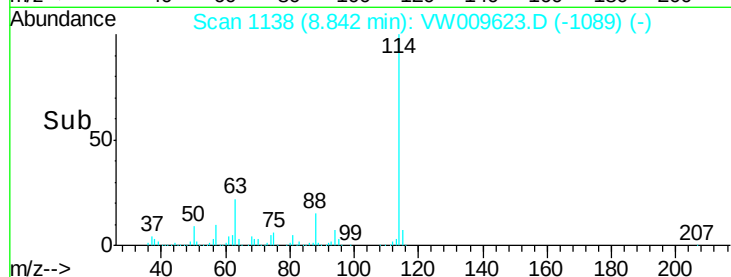
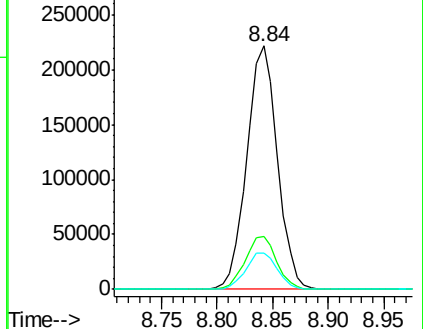
88 14.8 0.0 30.8



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: 36.107 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW009623.D

Acq: 31 Mar 2019 20:51

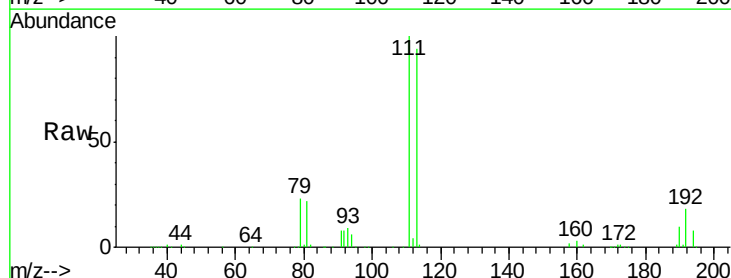
Tgt Ion:113 Resp: 96210

Ion Ratio Lower Upper

113 100

111 104.0 82.6 124.0

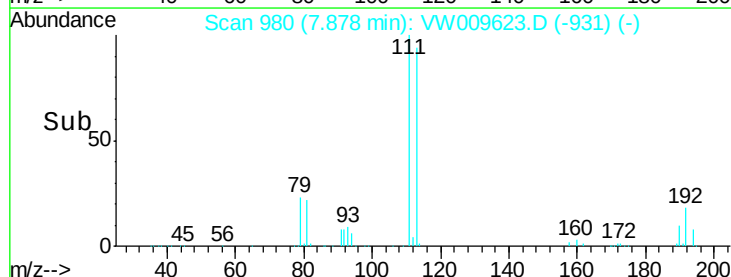
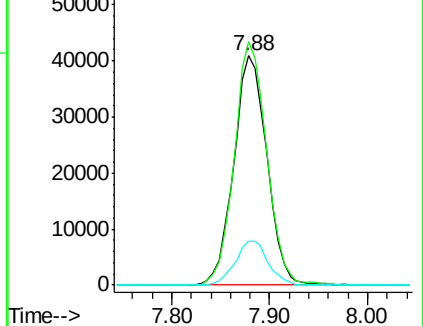
192 19.4 16.4 24.6

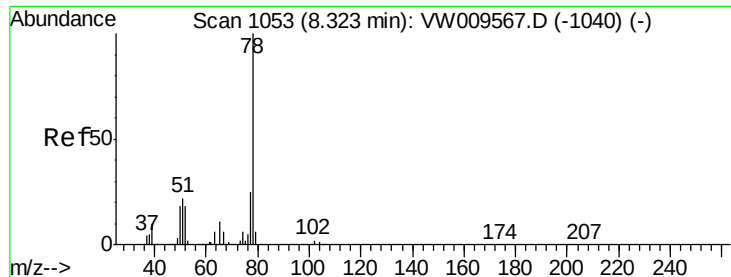


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 1.505 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW009623.D

Acq: 31 Mar 2019 20:51

Instrument :

MSVOA_W

ClientSampleId :

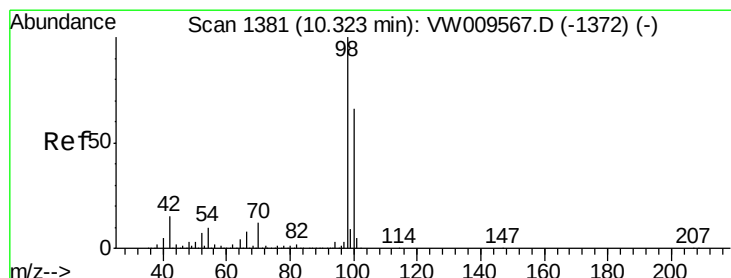
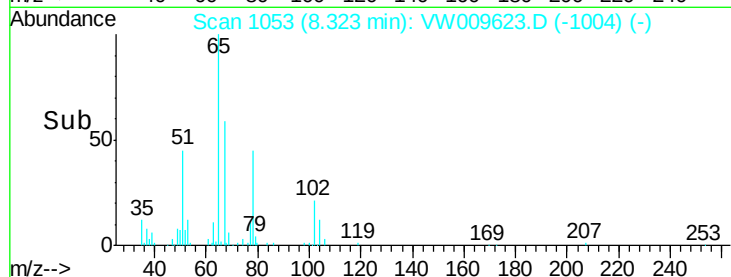
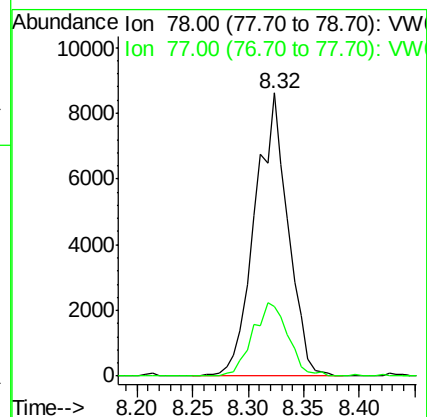
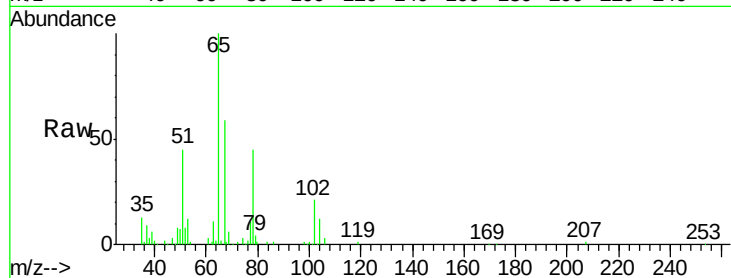
S7B(8)

Tot Ion: 78 Resp: 17885

Ion Ratio Lower Upper

78 100

77 24.5 19.8 29.6



#50

Toluene-d8

Concen: 33.660 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW009623.D

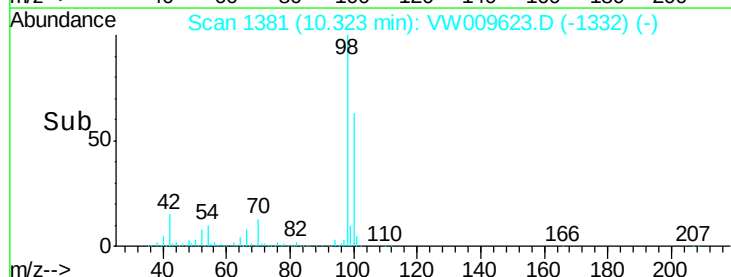
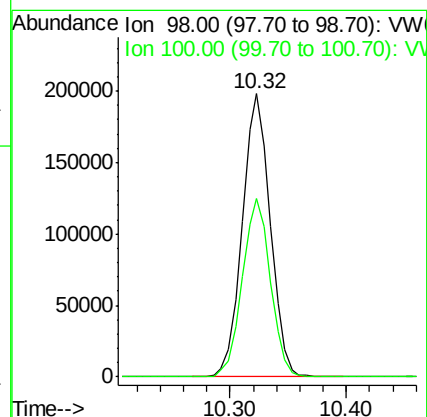
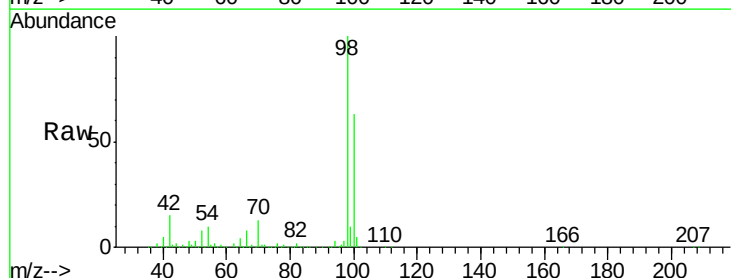
Acq: 31 Mar 2019 20:51

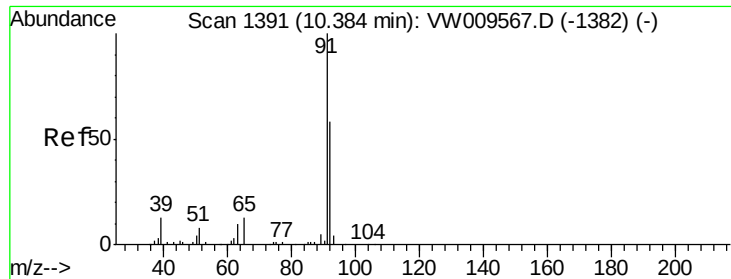
Tgt Ion: 98 Resp: 331498

Ion Ratio Lower Upper

98 100

100 63.4 52.6 79.0





#52

Toluene

Concen: 15.508 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW009623.D

Acq: 31 Mar 2019 20:51

Instrument :

MSVOA_W

ClientSampleId :

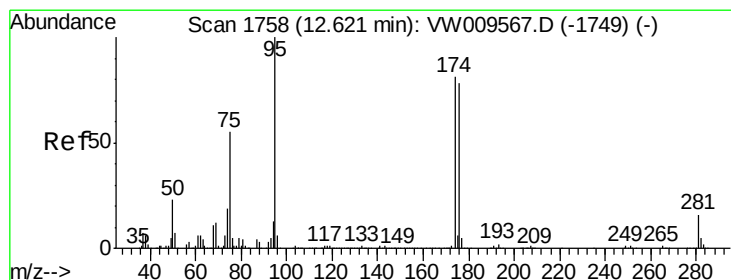
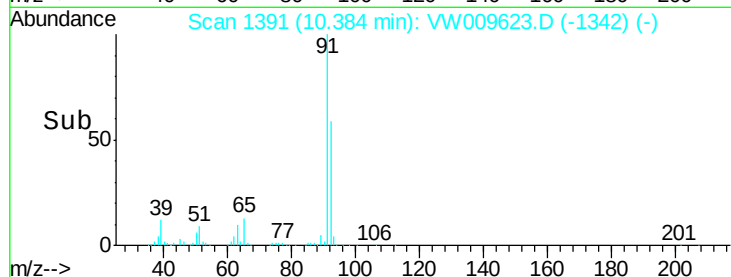
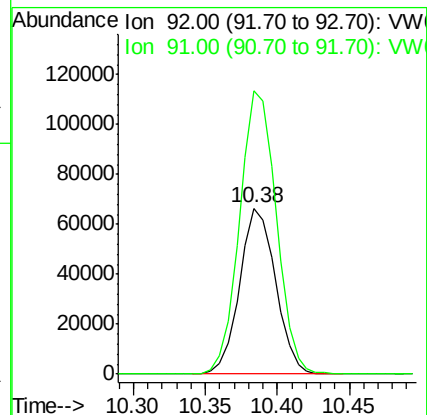
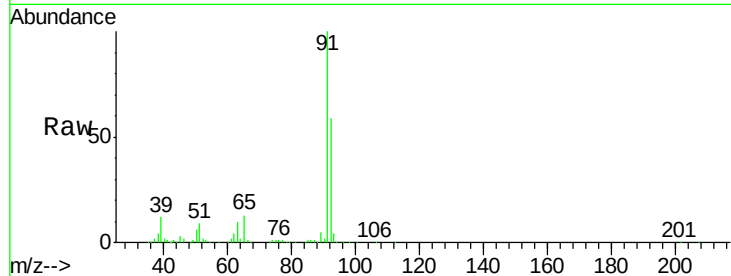
S7B(8)

Tot Ion: 92 Resp: 115429

Ion Ratio Lower Upper

92 100

91 174.1 140.1 210.1



#62

4-Bromofluorobenzene

Concen: 29.858 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW009623.D

Acq: 31 Mar 2019 20:51

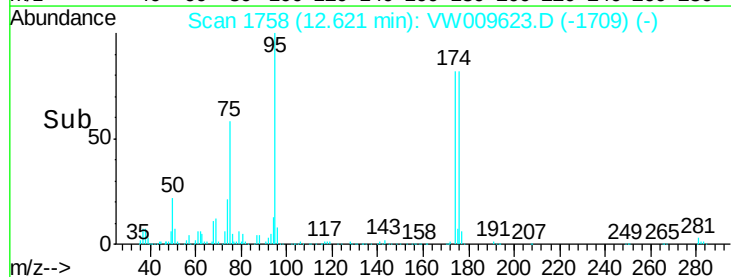
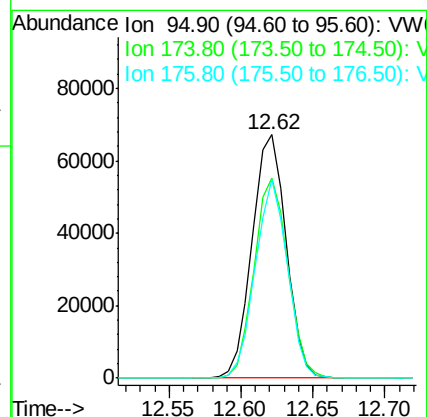
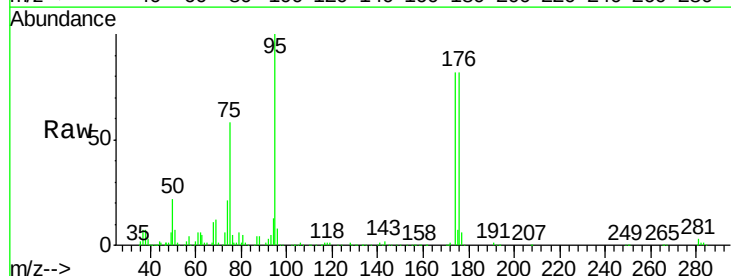
Tgt Ion: 95 Resp: 109698

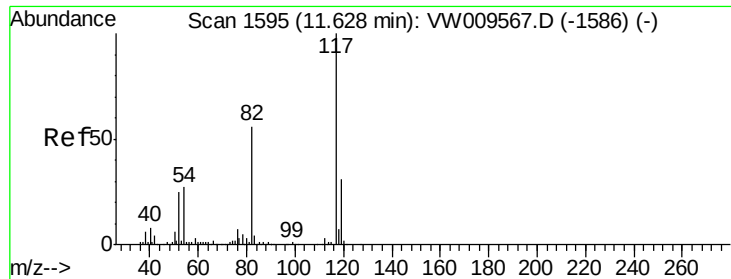
Ion Ratio Lower Upper

95 100

174 81.2 0.0 168.4

176 77.1 0.0 161.6

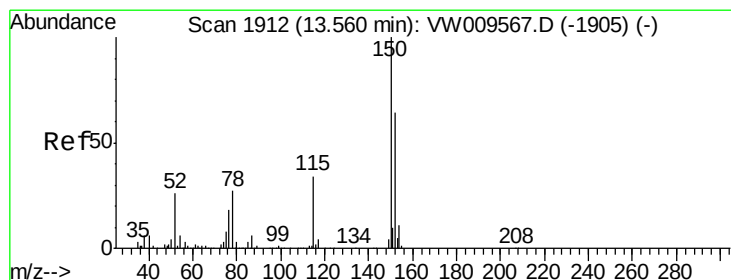
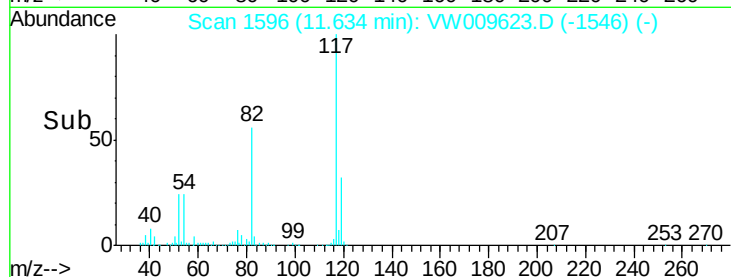
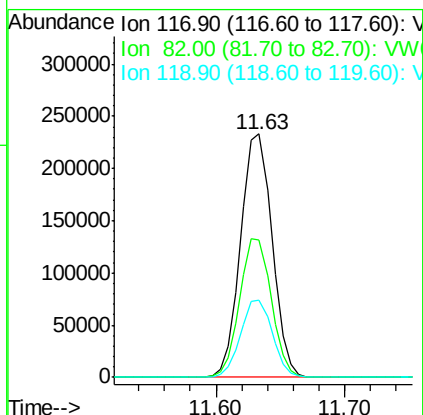
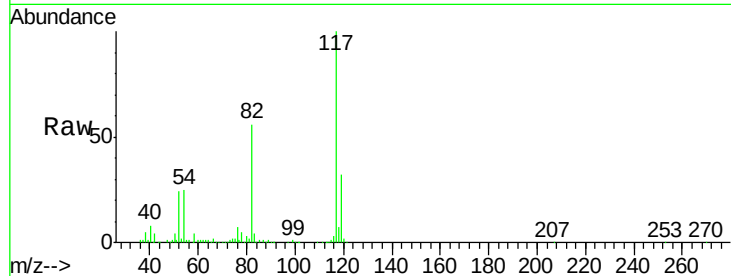




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW009623.D
Acq: 31 Mar 2019 20:51

Instrument :
MSVOA_W
ClientSampleId :
S7B(8)

Tot Ion:117 Resp: 395518
Ion Ratio Lower Upper
117 100
82 56.3 43.6 65.4
119 31.6 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: VW009623.D
Acq: 31 Mar 2019 20:51

Tgt Ion:152 Resp: 184715
Ion Ratio Lower Upper
152 100
115 59.6 29.6 88.8
150 157.1 0.0 349.2

