

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW033119\
 Data File : VW009624.D
 Acq On : 31 Mar 2019 21:30
 Operator : SY/VA
 Sample : K2139-07RE
 Misc : 10.46G/5.0ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S7B(14)RE

Quant Time: Apr 01 06:03:37 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

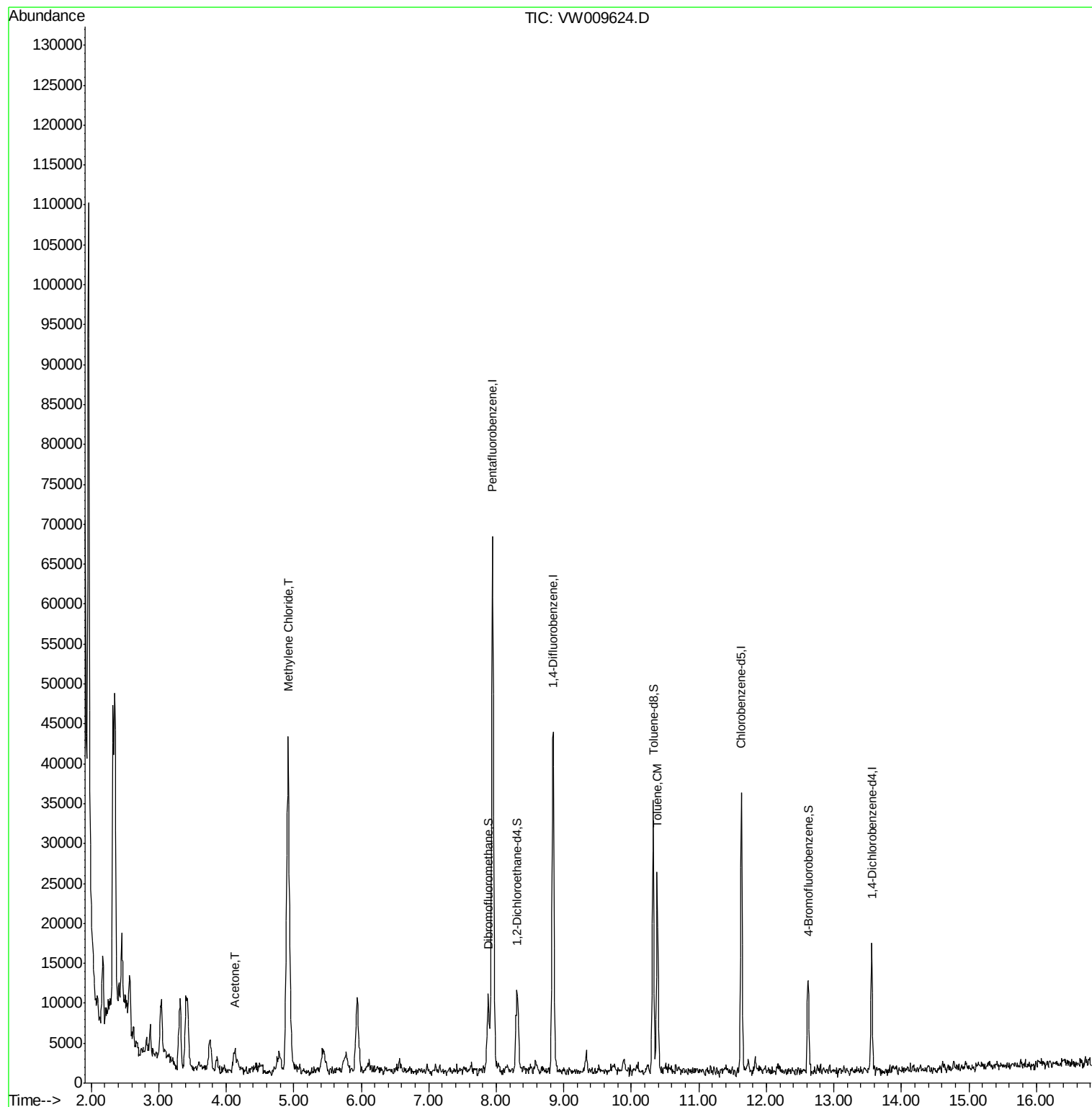
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	43899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	33462	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	17728	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	3906	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	6099	12.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	24.30%	
35) Dibromofluoromethane	7.88	113	6567	31.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.50%	
50) Toluene-d8	10.32	98	19552	25.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	50.34%	
62) 4-Bromofluorobenzene	12.62	95	3690	12.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	25.46%	
Target Compounds						
16) Acetone	4.12	43	3952	35.015	ug/l #	81
20) Methylene Chloride	4.92	84	26382	60.386	ug/l #	81
52) Toluene	10.39	92	9599	16.350	ug/l	99

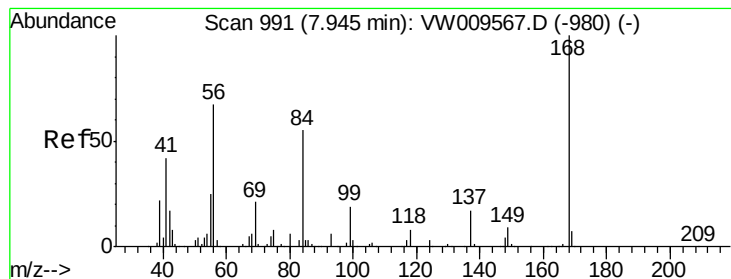
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW009624.D

Acq: 31 Mar 2019 21:30

Instrument :

MSVOA_W

ClientSampleId :

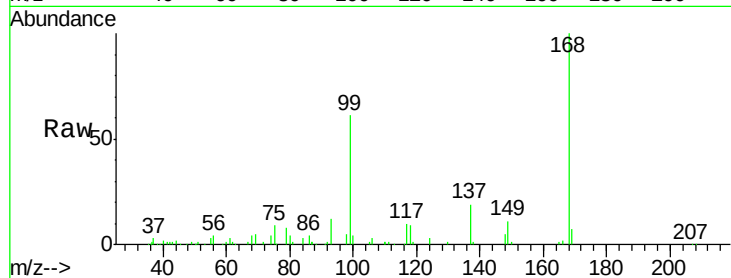
S7B(14)RE

Tot Ion:168 Resp: 43899

Ion Ratio Lower Upper

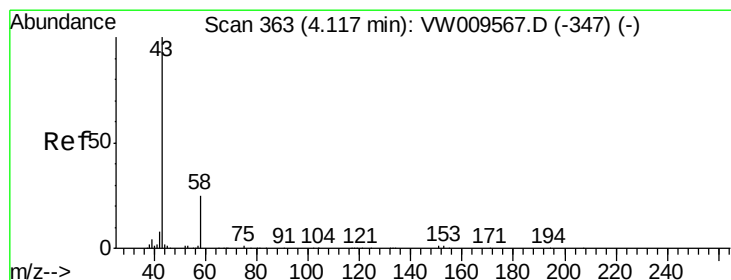
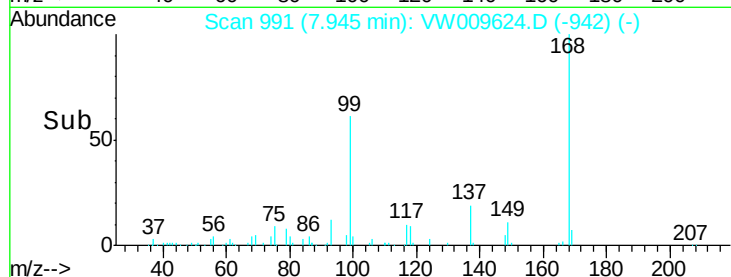
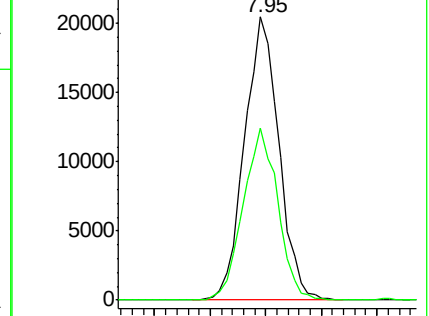
168 100

99 60.8 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: 35.015 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009624.D

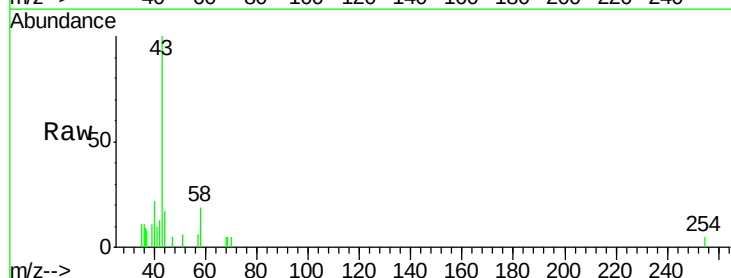
Acq: 31 Mar 2019 21:30

Tgt Ion: 43 Resp: 3952

Ion Ratio Lower Upper

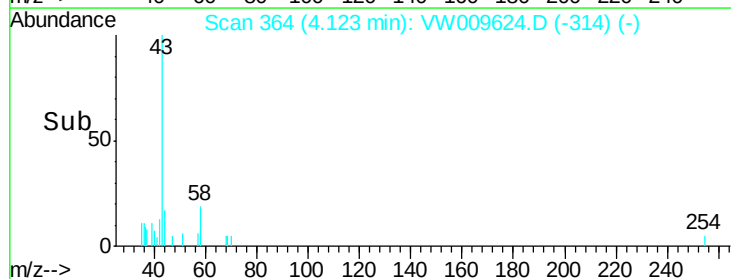
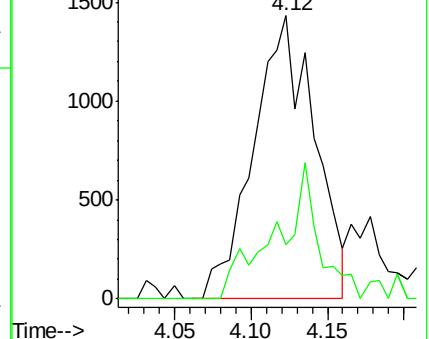
43 100

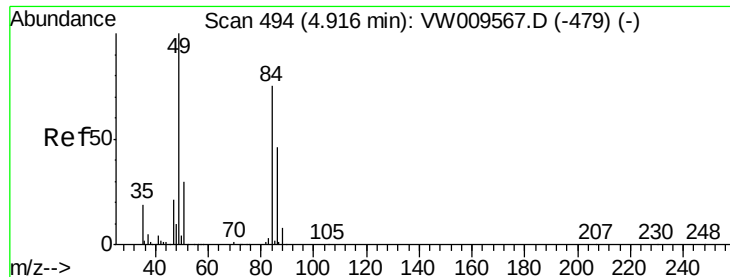
58 19.2 23.6 35.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

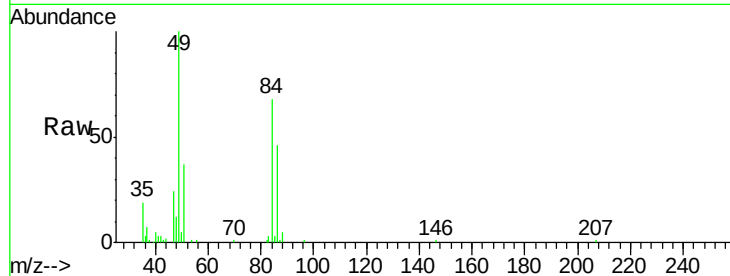




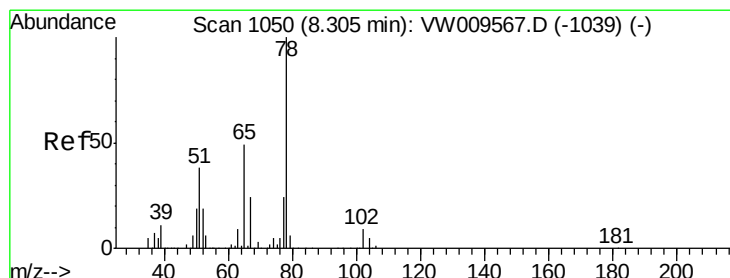
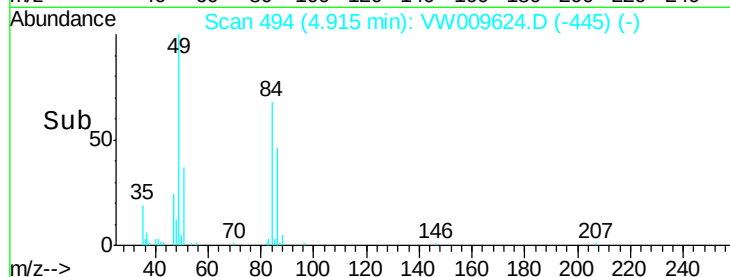
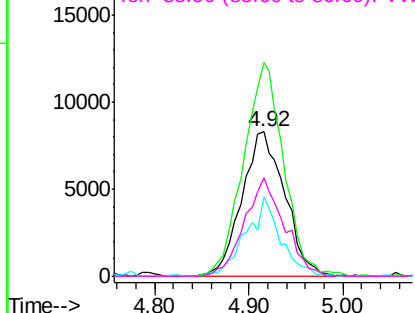
#20
Methylene Chloride
Concen: 60.386 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009624.D
Acq: 31 Mar 2019 21:30

Instrument :
MSVOA_W
ClientSampled :
S7B(14)RE

Tot Ion: 84 Resp: 26382
Ion Ratio Lower Upper
84 100
49 147.9 99.1 148.7
51 55.2 28.7 43.1#
86 68.6 50.5 75.7

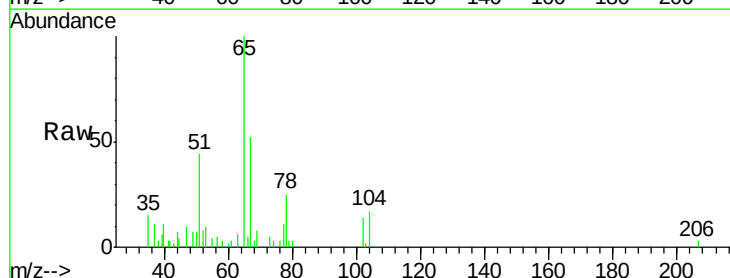


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

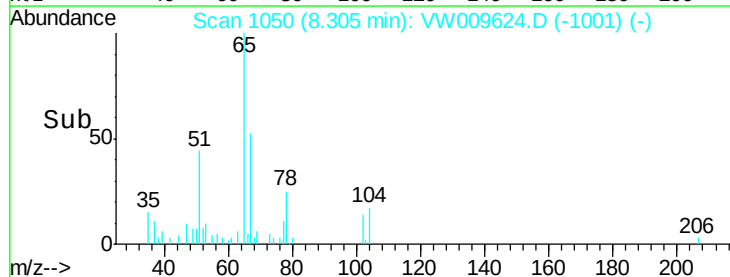
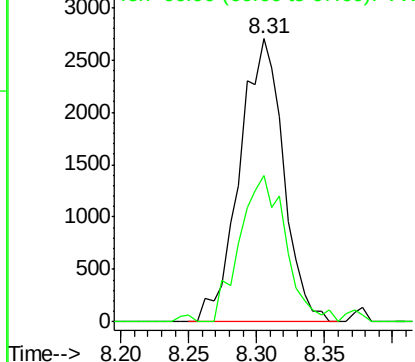


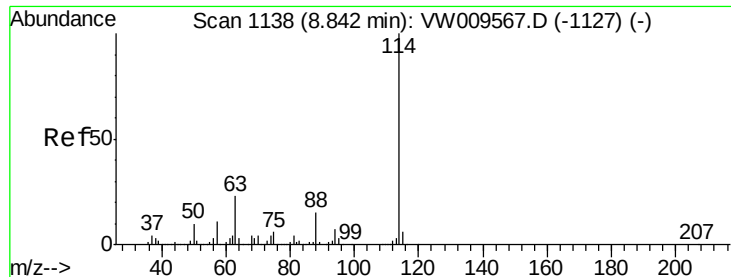
#33
1,2-Dichloroethane-d4
Concen: 12.149 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW009624.D
Acq: 31 Mar 2019 21:30

Tgt Ion: 65 Resp: 6099
Ion Ratio Lower Upper
65 100
67 54.0 0.0 102.4



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

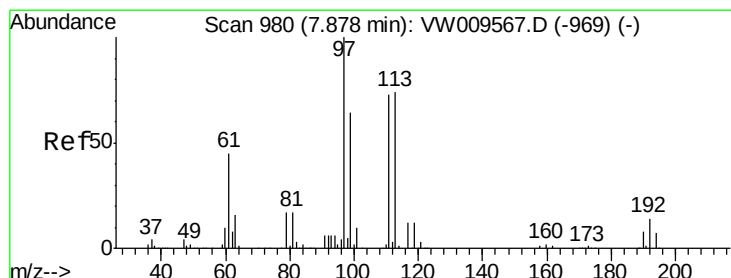
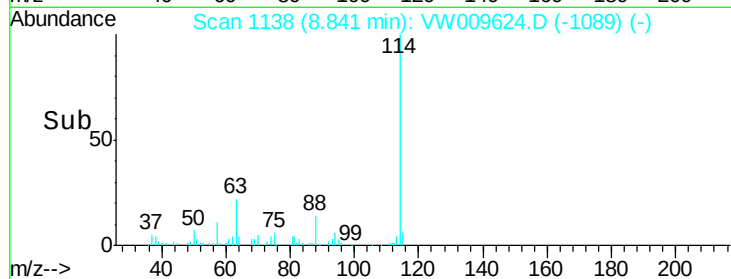
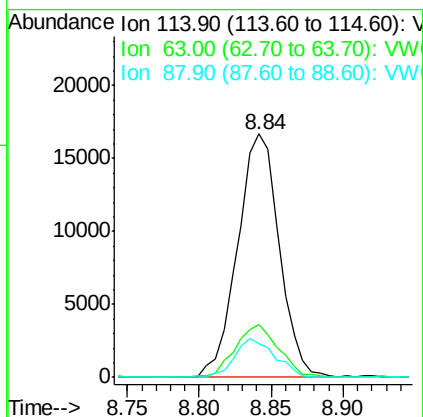
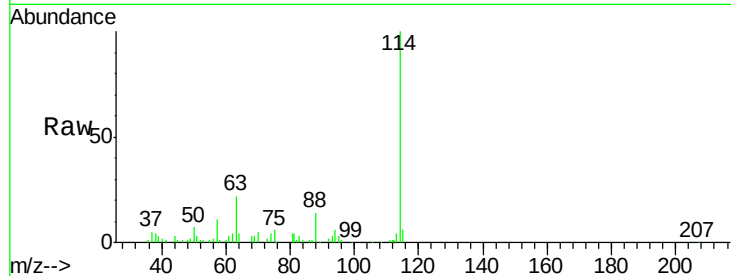




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW009624.D
 Acq: 31 Mar 2019 21:30

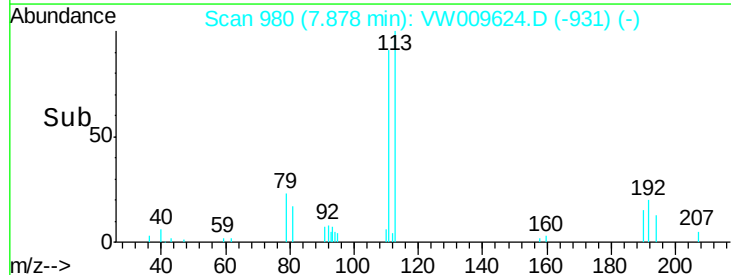
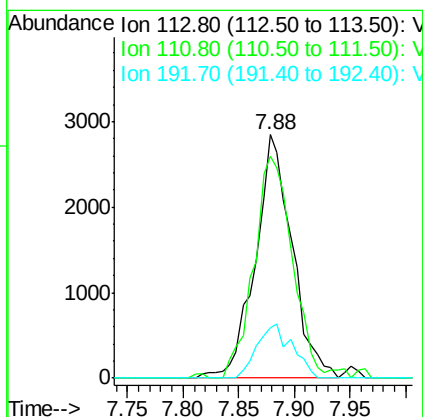
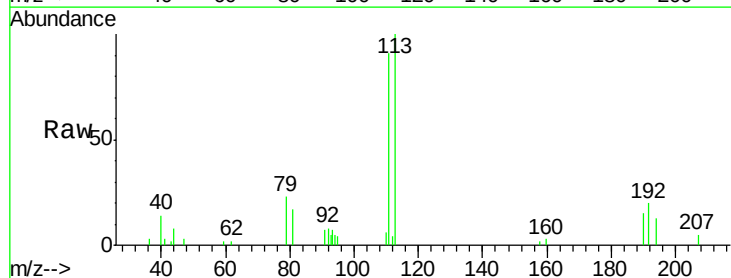
Instrument :
 MSVOA_W
 ClientSampleId :
 S7B(14)RE

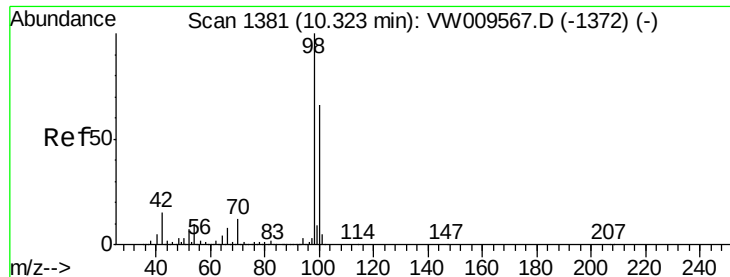
Tot Ion:114 Resp: 33462
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 42.2
 88 13.7 0.0 30.8



#35
 Dibromofluoromethane
 Concen: 31.246 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW009624.D
 Acq: 31 Mar 2019 21:30

Tgt Ion:113 Resp: 6567
 Ion Ratio Lower Upper
 113 100
 111 94.6 82.6 124.0
 192 21.1 16.4 24.6





#50

Toluene-d8

Concen: 25.170 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW009624.D

Acq: 31 Mar 2019 21:30

Instrument :

MSVOA_W

ClientSampleId :

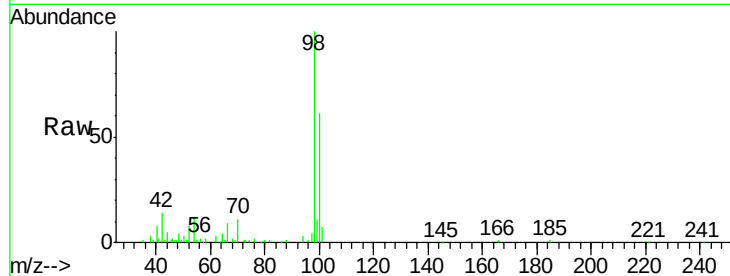
S7B(14)RE

Tot Ion: 98 Resp: 19552

Ion Ratio Lower Upper

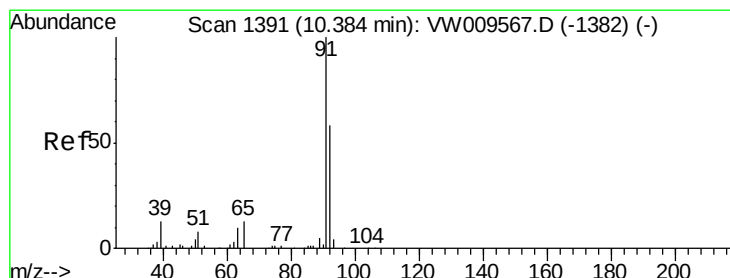
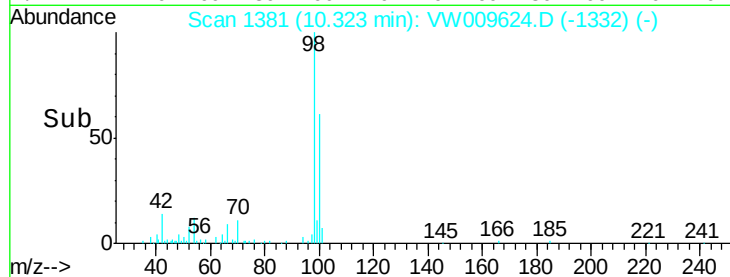
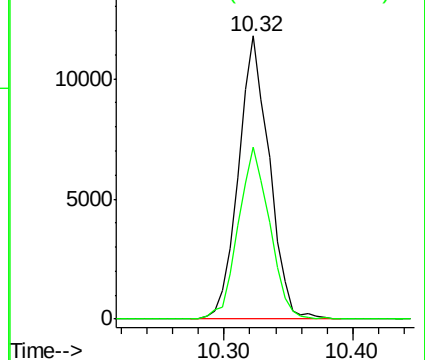
98 100

100 61.9 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#52

Toluene

Concen: 16.350 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW009624.D

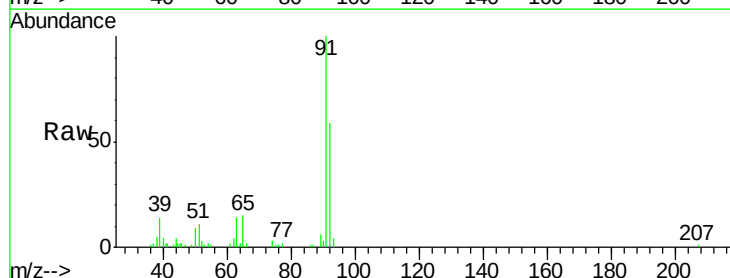
Acq: 31 Mar 2019 21:30

Tgt Ion: 92 Resp: 9599

Ion Ratio Lower Upper

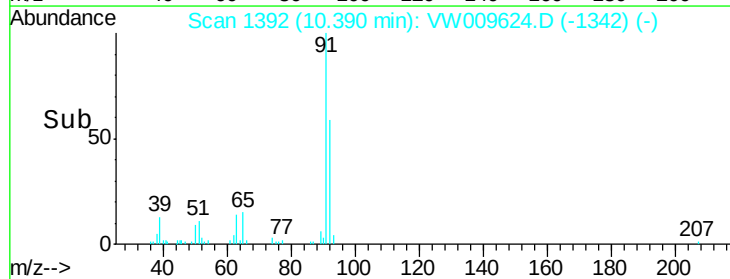
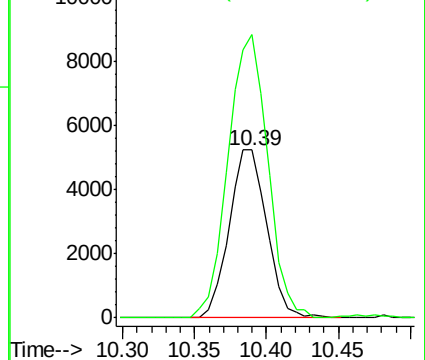
92 100

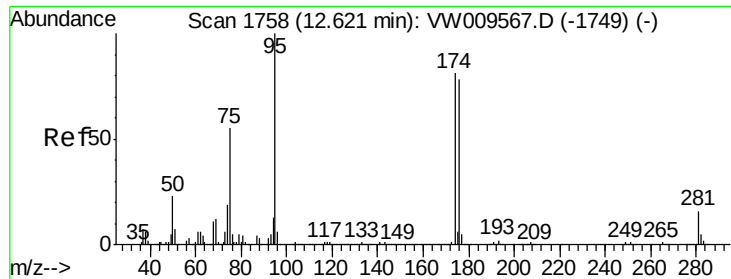
91 176.8 140.1 210.1



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#62

4-Bromofluorobenzene

Concen: 12.733 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW009624.D

Acq: 31 Mar 2019 21:30

Instrument :

MSVOA_W

ClientSampleId :

S7B(14)RE

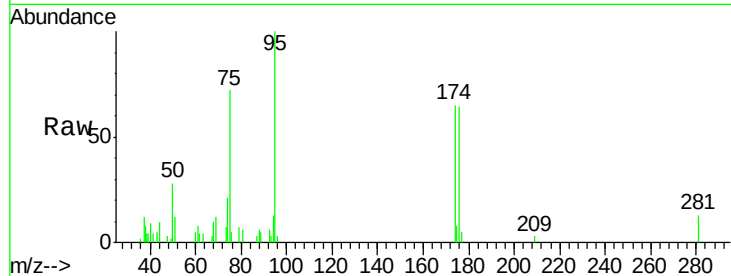
Tot Ion: 95 Resp: 3690

Ion Ratio Lower Upper

95 100

174 79.7 0.0 168.4

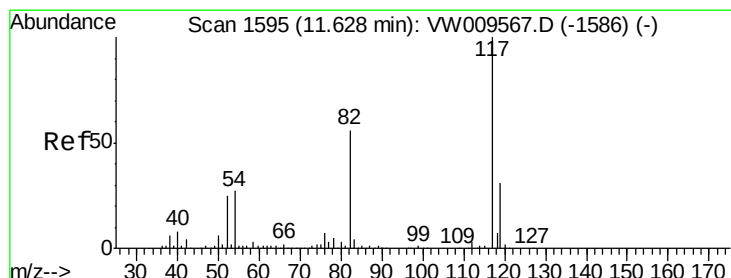
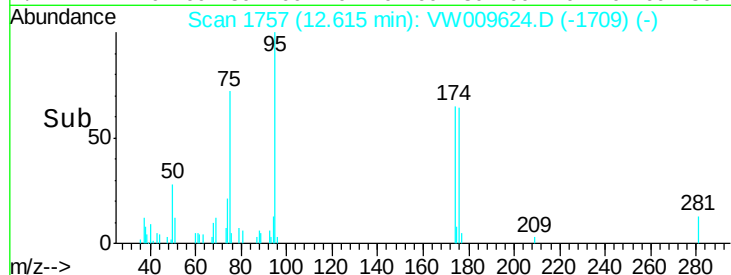
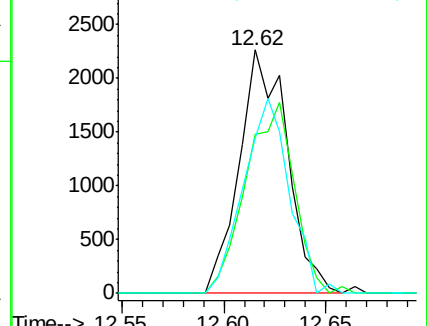
176 76.7 0.0 161.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW009624.D

Acq: 31 Mar 2019 21:30

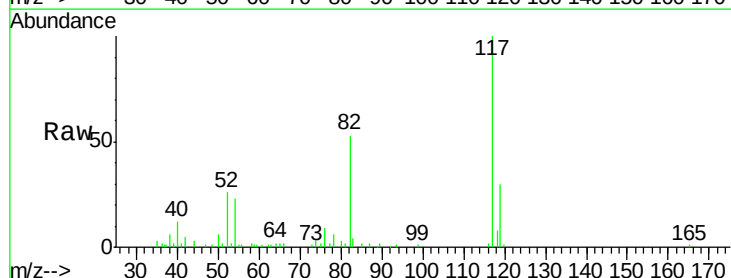
Tgt Ion: 117 Resp: 17728

Ion Ratio Lower Upper

117 100

82 53.5 43.6 65.4

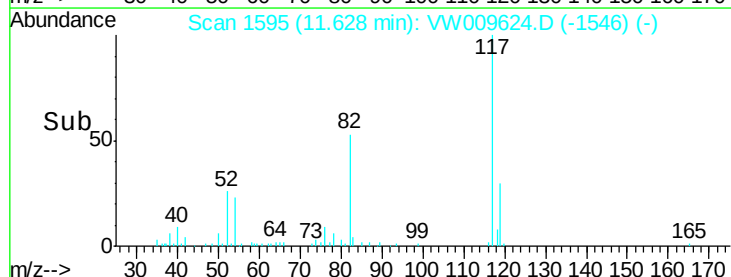
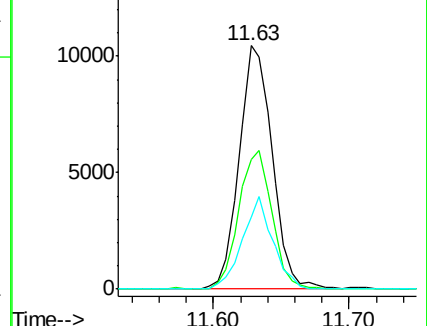
119 29.6 26.0 39.0

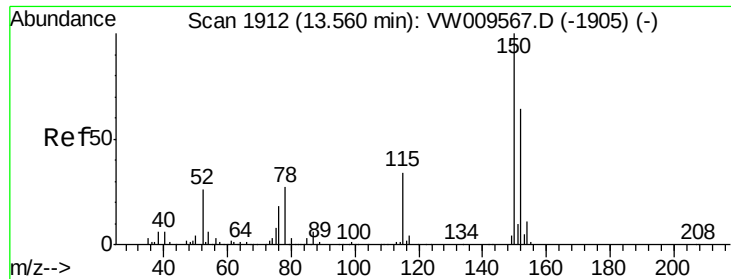


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW009624.D
 Acq: 31 Mar 2019 21:30

Instrument :
 MSVOA_W
 ClientSampleId :
 S7B(14)RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.1	29.6	88.8
150	150.5	0.0	349.2

