

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040419\
 Data File : VW009695.D
 Acq On : 04 Apr 2019 14:39
 Operator : SY/VA
 Sample : K2209-01
 Misc : 6.39G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E-6

Quant Time: Apr 05 08:22:56 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

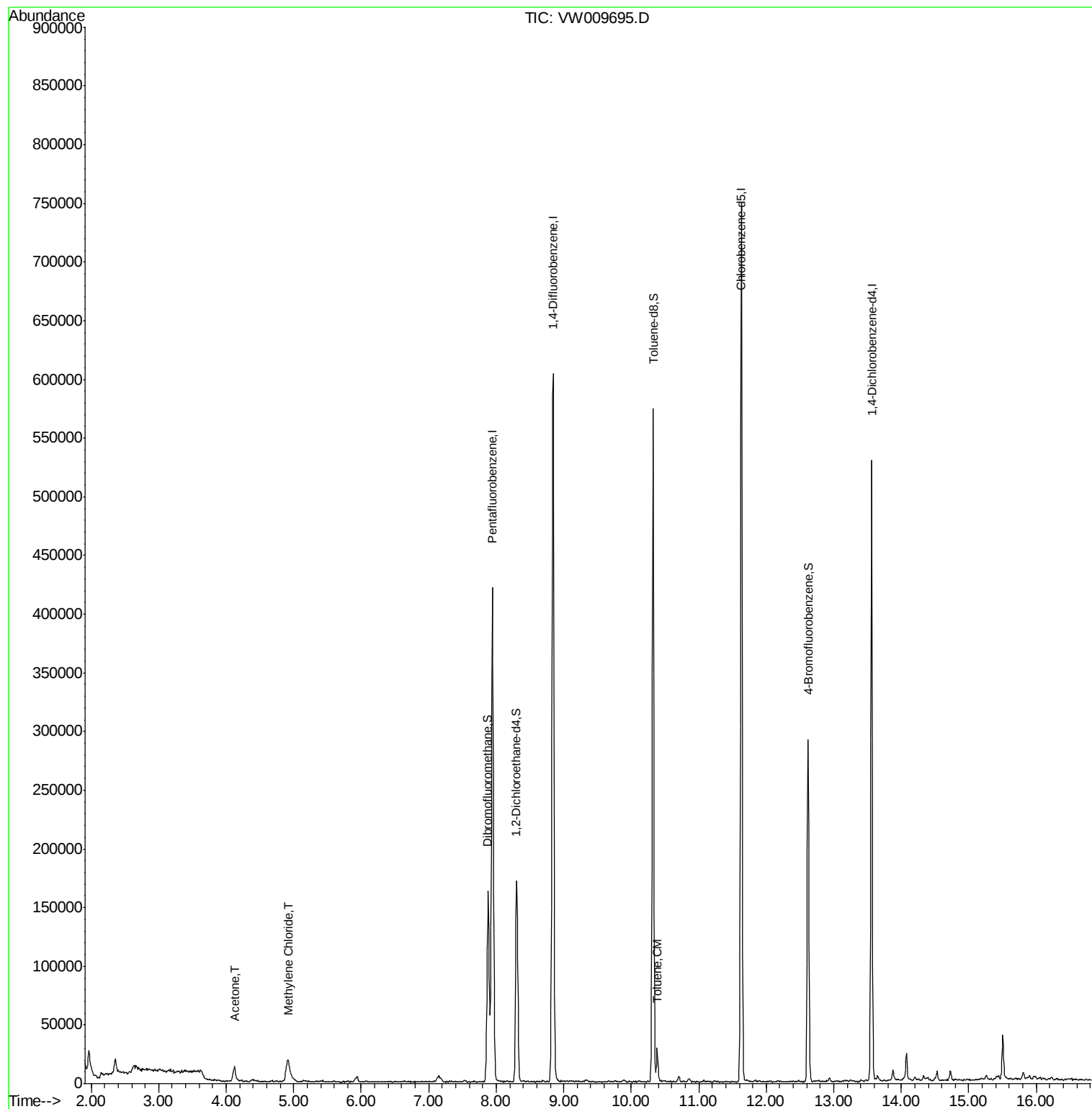
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	284899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	478763	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	385369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	123440	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	132756	40.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.50%	
35) Dibromofluoromethane	7.88	113	108256	36.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.00%	
50) Toluene-d8	10.32	98	351917	31.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.32%	
62) 4-Bromofluorobenzene	12.62	95	84899	20.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	40.96%	
Target Compounds						
16) Acetone	4.12	43	21437	29.266	ug/l	96
20) Methylene Chloride	4.92	84	17248	2.302	ug/l	93
52) Toluene	10.38	92	10354	1.233	ug/l	98

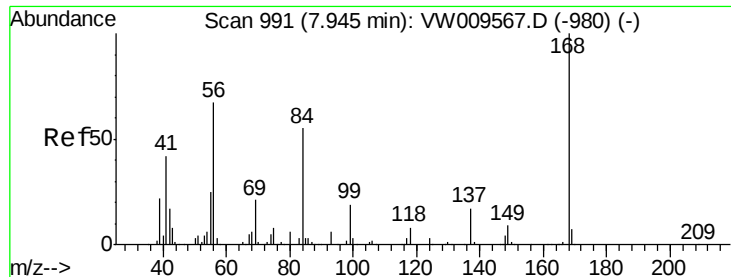
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW009695.D

Acq: 04 Apr 2019 14:39

Instrument :

MSVOA_W

ClientSampled :

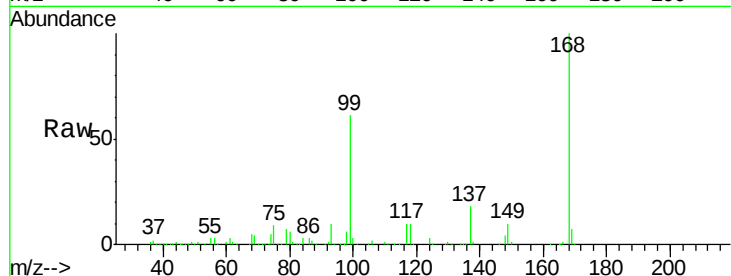
E-6

Tot Ion:168 Resp: 284899

Ion Ratio Lower Upper

168 100

99 61.3 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

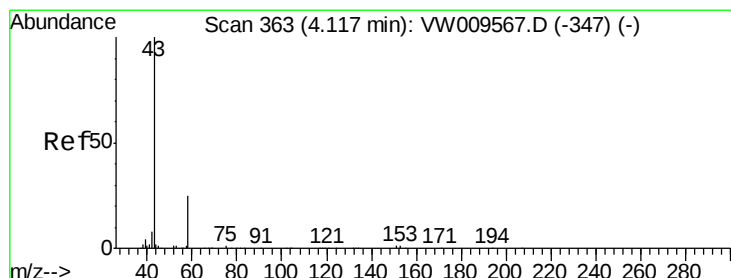
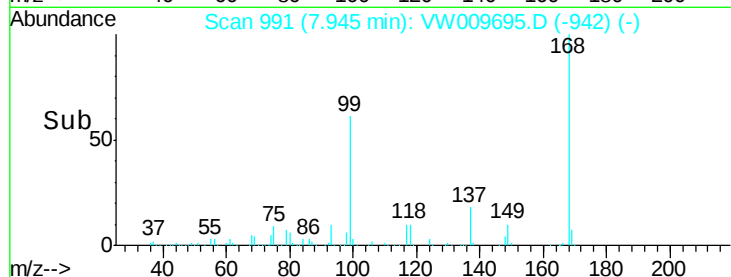
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 29.266 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009695.D

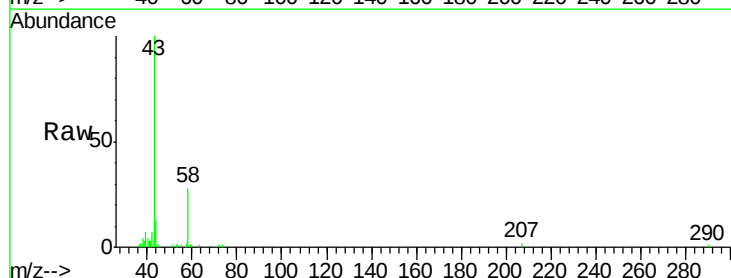
Acq: 04 Apr 2019 14:39

Tgt Ion: 43 Resp: 21437

Ion Ratio Lower Upper

43 100

58 27.6 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

8000

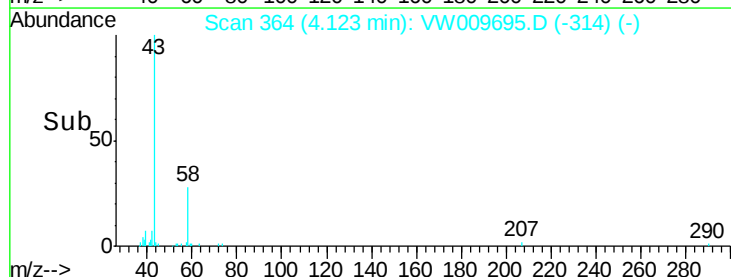
6000

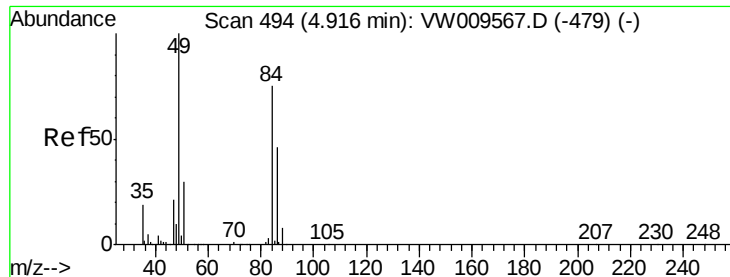
4000

2000

0

Time--> 4.00 4.10 4.20

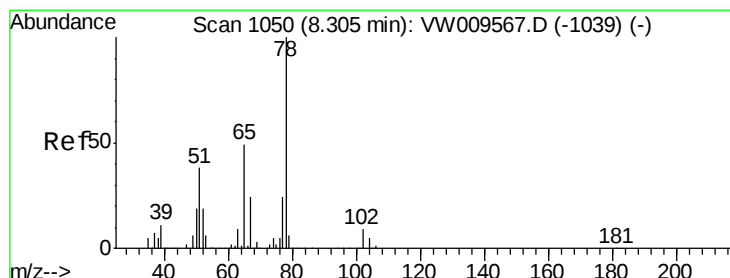
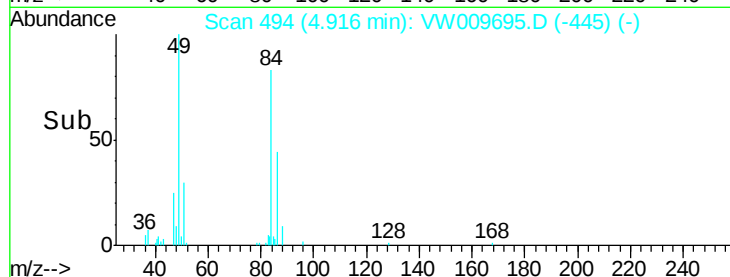
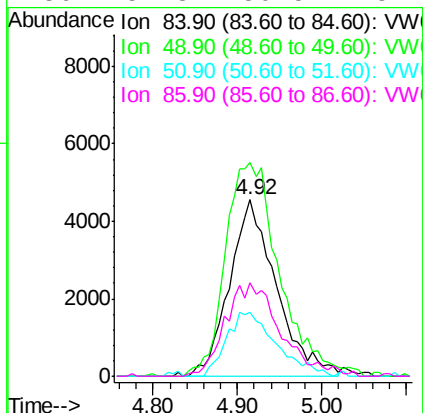
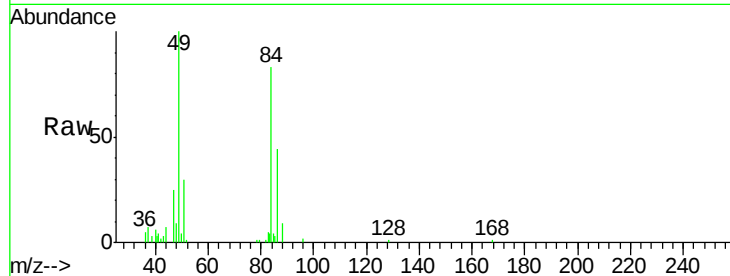




#20
Methvlene Chloride
Concen: 2.302 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009695.D
Acq: 04 Apr 2019 14:39

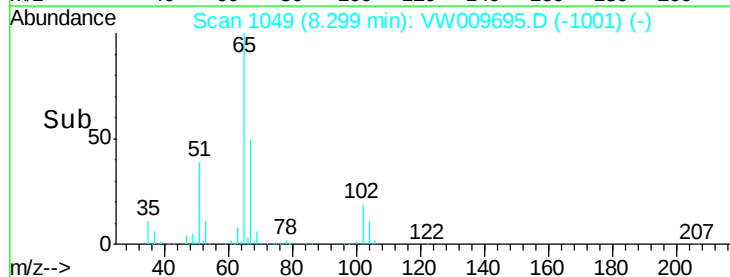
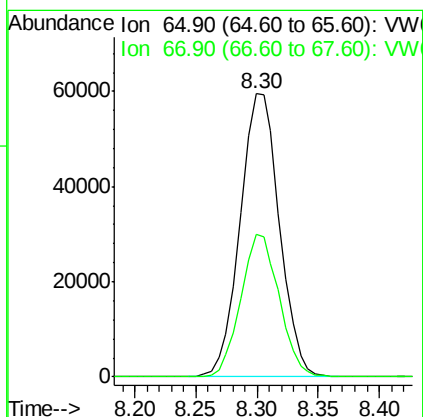
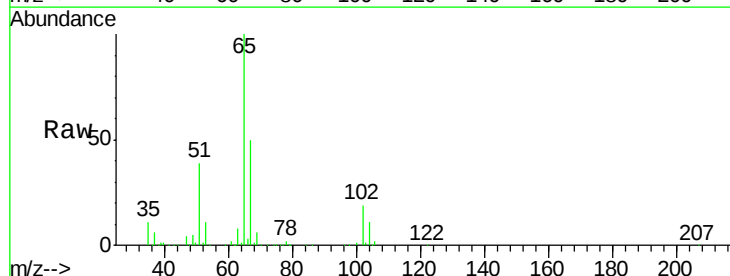
Instrument :
MSVOA_W
ClientSampled :
E-6

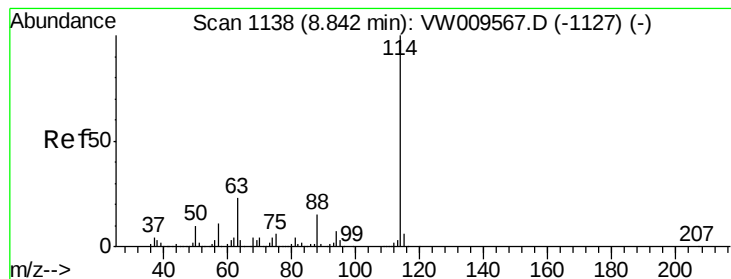
Tot Ion: 84 Resp: 17248
Ion Ratio Lower Upper
84 100
49 118.3 99.1 148.7
51 36.0 28.7 43.1
86 51.3 50.5 75.7



#33
1,2-Dichloroethane-d4
Concen: 40.749 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW009695.D
Acq: 04 Apr 2019 14:39

Tgt Ion: 65 Resp: 132756
Ion Ratio Lower Upper
65 100
67 49.4 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: VW009695.D

Acq: 04 Apr 2019 14:39

Instrument :

MSVOA_W

ClientSampleId :

E-6

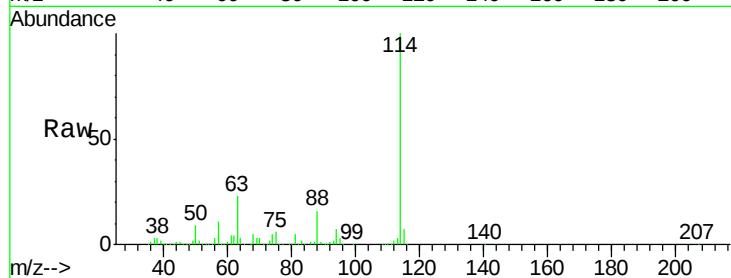
Tot Ion:114 Resp: 478763

Ion Ratio Lower Upper

114 100

63 23.2 0.0 42.2

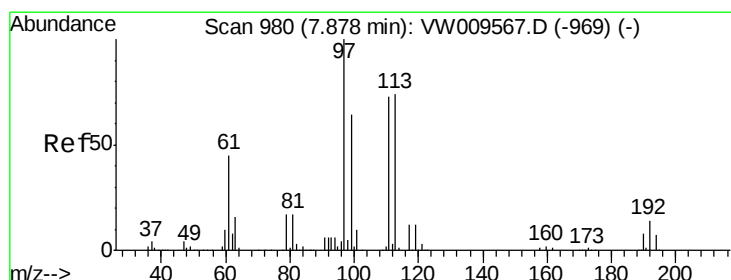
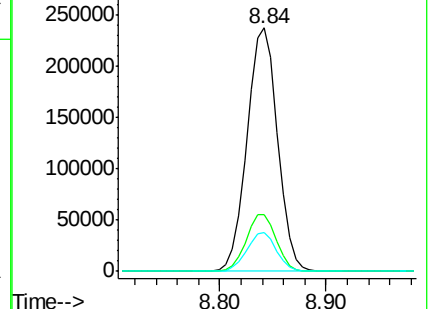
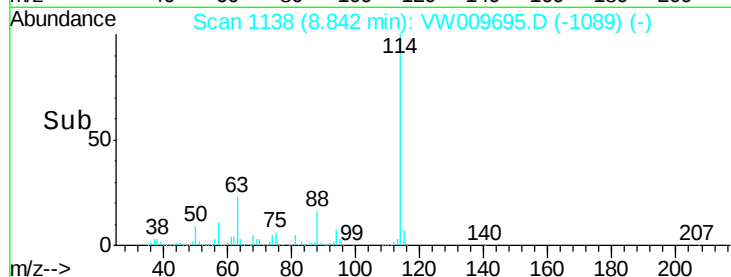
88 16.0 0.0 30.8



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: 36.001 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW009695.D

Acq: 04 Apr 2019 14:39

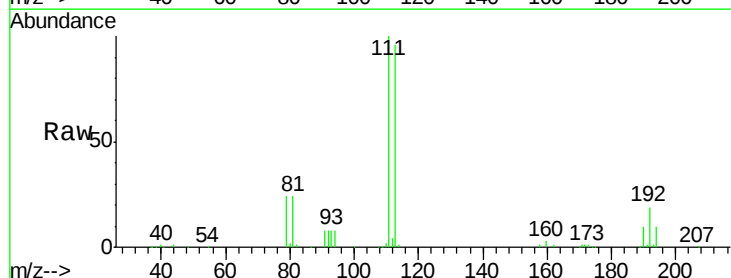
Tgt Ion:113 Resp: 108256

Ion Ratio Lower Upper

113 100

111 104.6 82.6 124.0

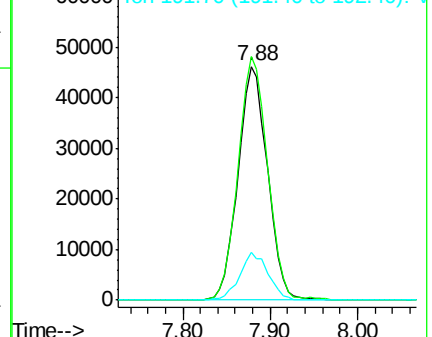
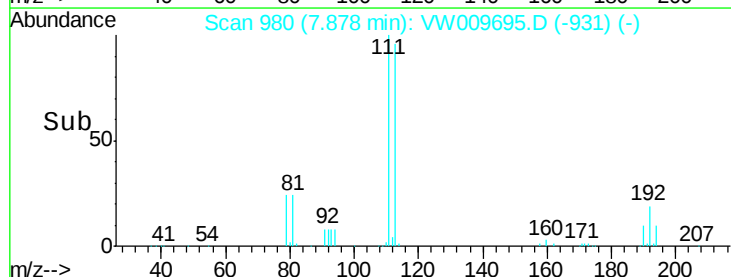
192 19.7 16.4 24.6

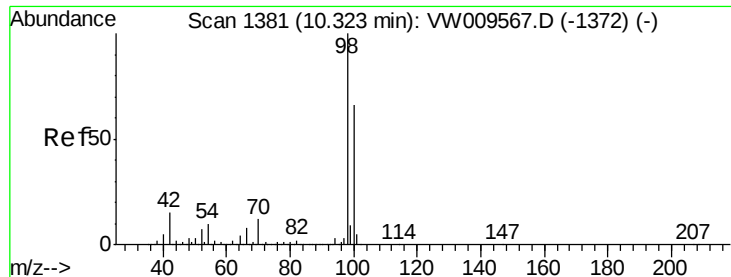


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 31.664 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009695.D

Acq: 04 Apr 2019 14:39

Instrument :

MSVOA_W

ClientSampleId :

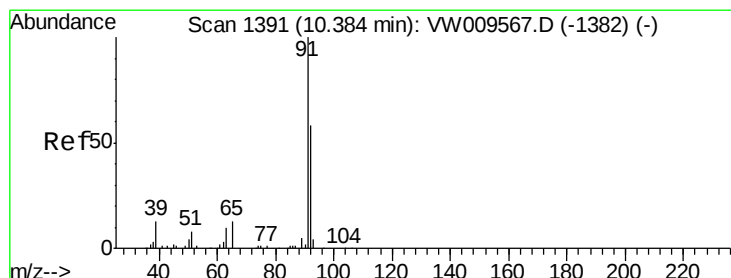
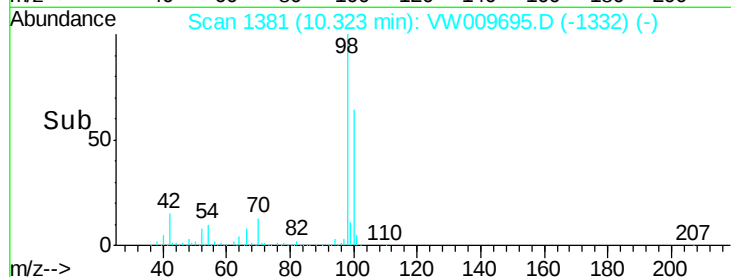
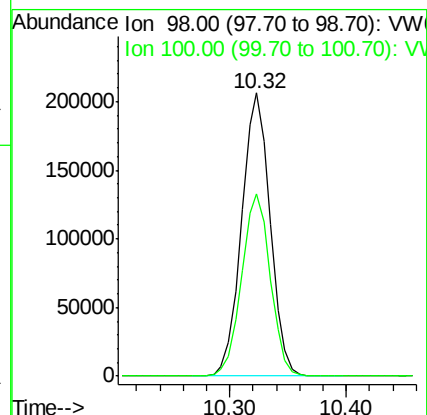
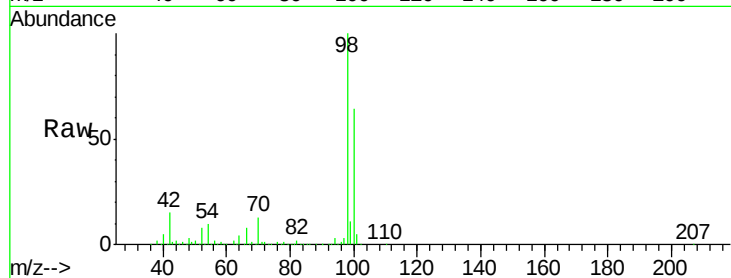
E-6

Tot Ion: 98 Resp: 351917

Ion Ratio Lower Upper

98 100

100 64.8 52.6 79.0



#52

Toluene

Concen: 1.233 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW009695.D

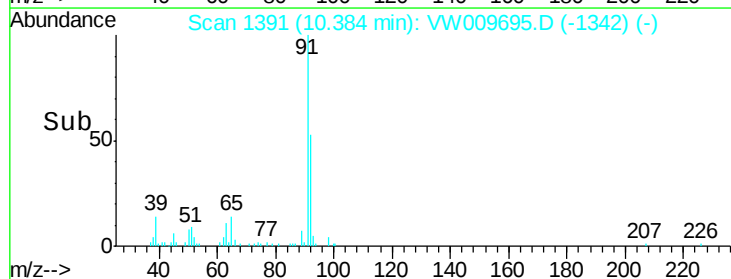
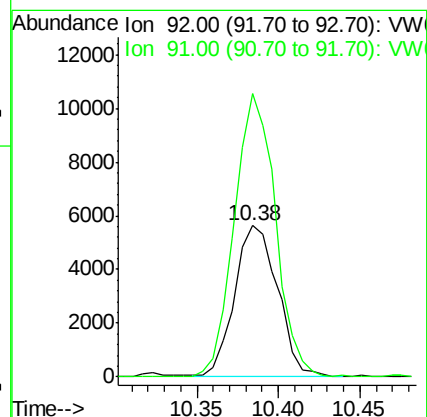
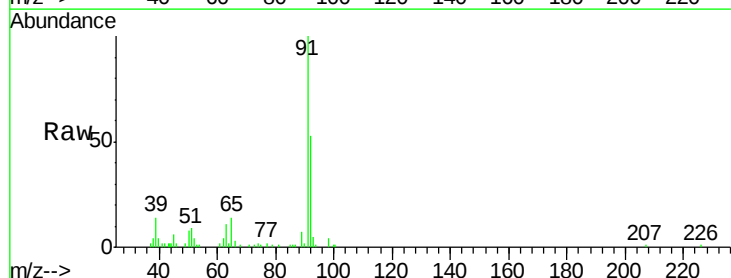
Acq: 04 Apr 2019 14:39

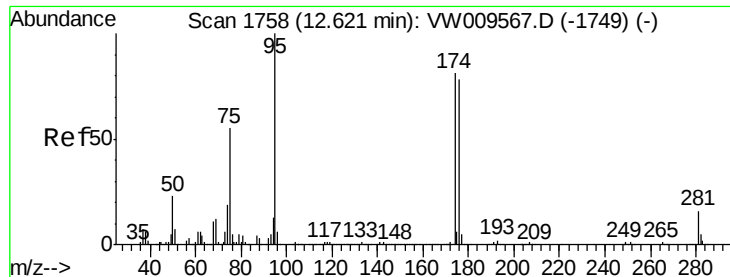
Tgt Ion: 92 Resp: 10354

Ion Ratio Lower Upper

92 100

91 178.2 140.1 210.1

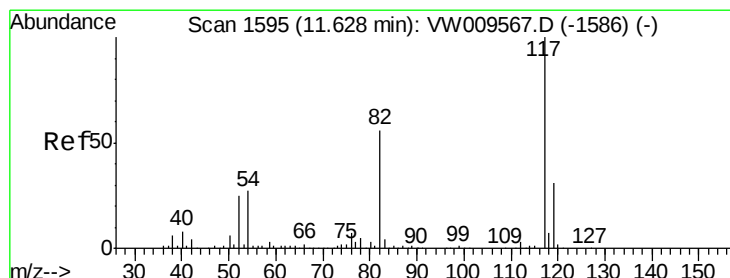
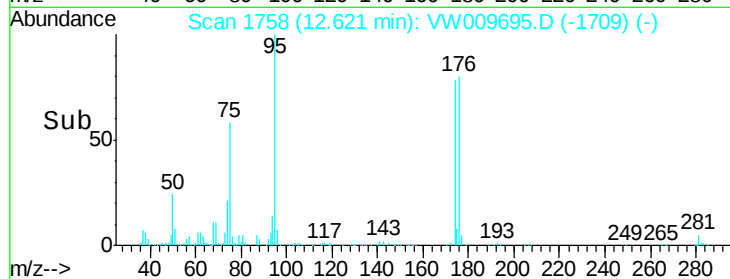
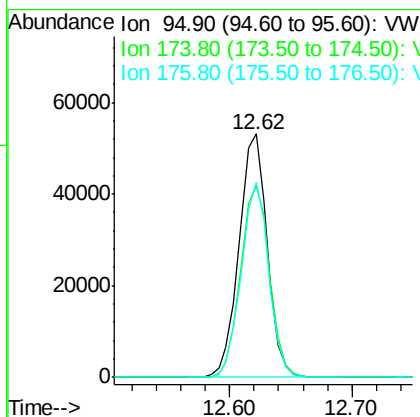
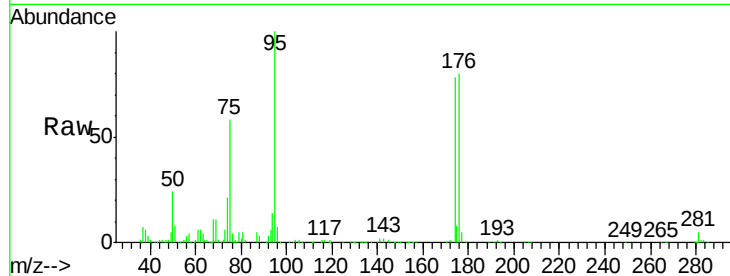




#62
4-Bromofluorobenzene
Concen: 20.476 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW009695.D
Acq: 04 Apr 2019 14:39

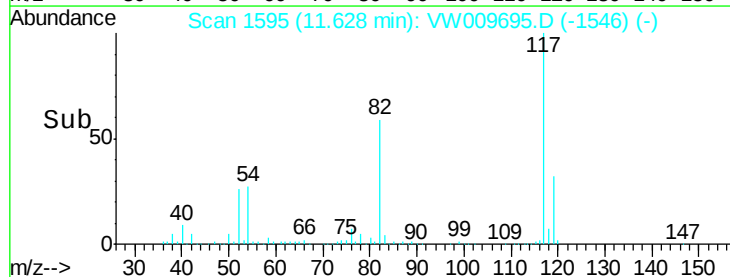
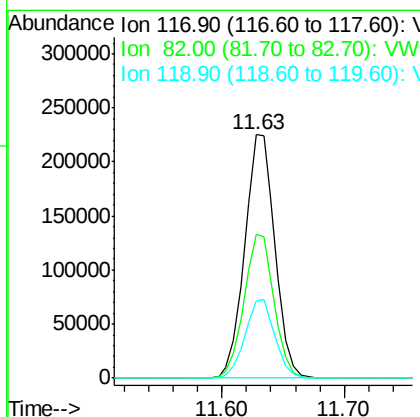
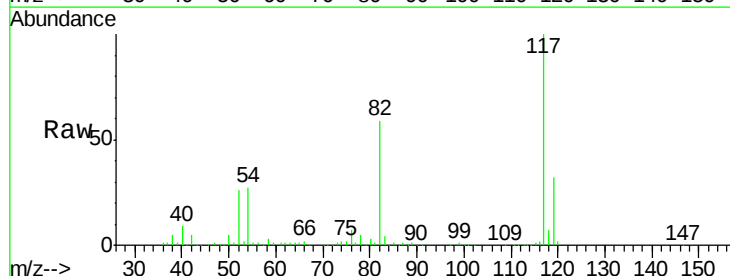
Instrument :
MSVOA_W
ClientSampleId :
E-6

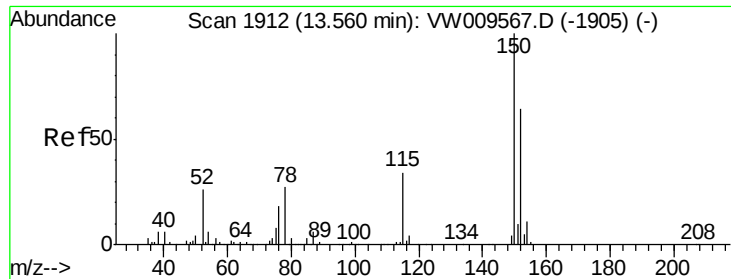
Tot Ion: 95 Resp: 84899
Ion Ratio Lower Upper
95 100
174 80.7 0.0 168.4
176 77.8 0.0 161.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW009695.D
Acq: 04 Apr 2019 14:39

Tgt Ion: 117 Resp: 385369
Ion Ratio Lower Upper
117 100
82 58.9 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: VW009695.D

Acq: 04 Apr 2019 14:39

Instrument :

MSVOA_W

ClientSampleId :

E-6

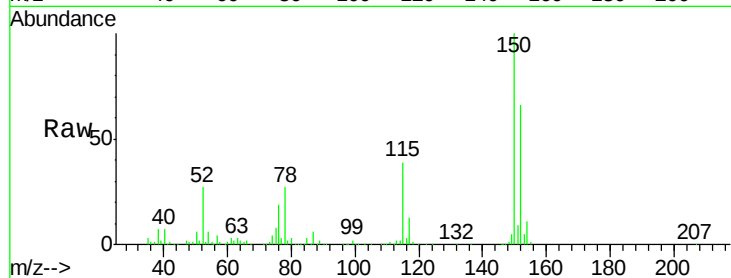
Tot Ion:152 Resp: 123440

Ion Ratio Lower Upper

152 100

115 58.9 29.6 88.8

150 155.3 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

