

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080819\
 Data File : VW011756.D
 Acq On : 07 Aug 2019 17:22
 Operator : SY/VA
 Sample : K4219-03
 Misc : 6.11G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-B

Quant Time: Aug 08 09:05:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

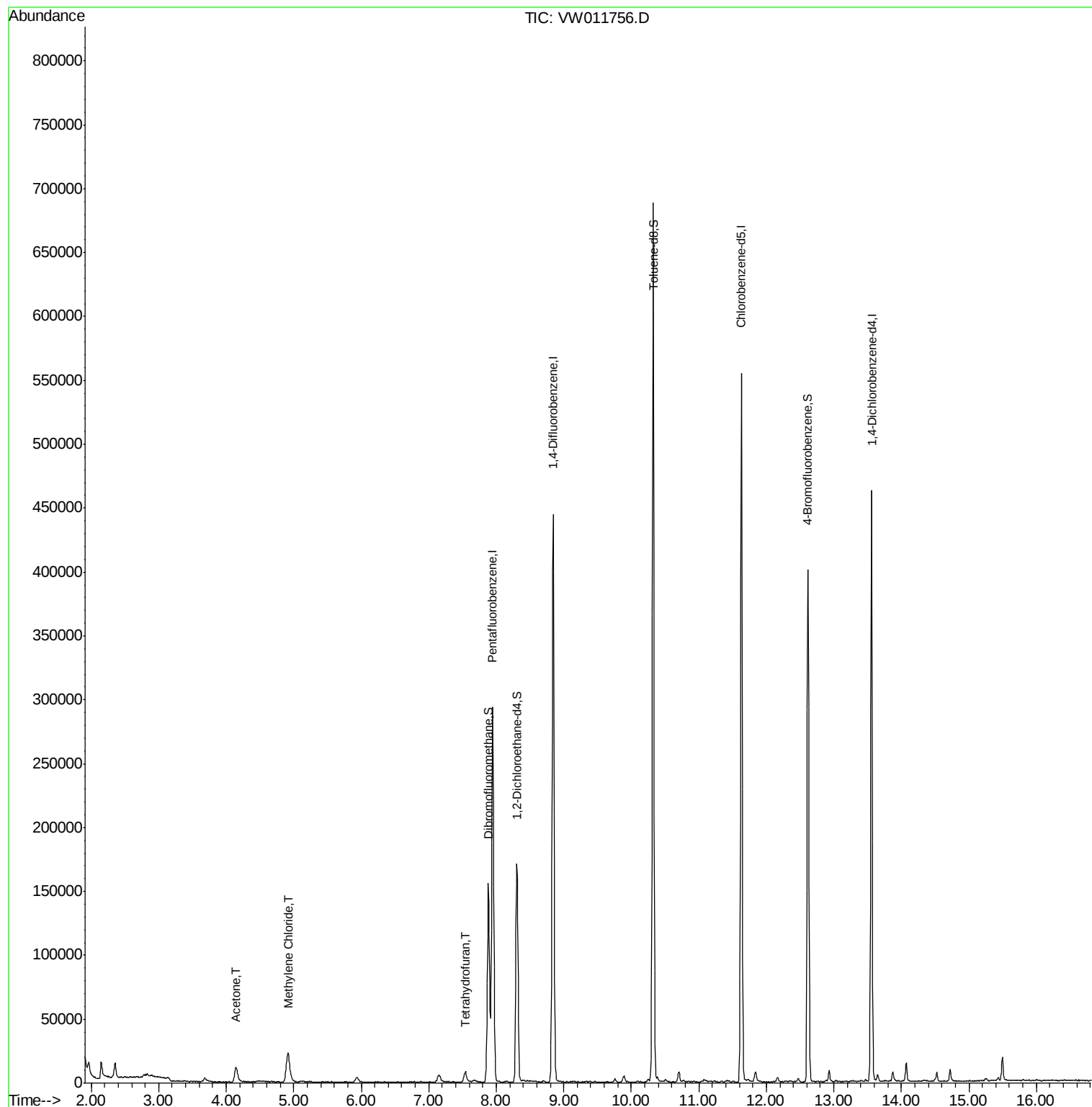
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	210039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	347203	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	289564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	113509	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	137129	56.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.72%	
35) Dibromofluoromethane	7.88	113	108291	55.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.18%	
50) Toluene-d8	10.32	98	428542	53.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.46%	
62) 4-Bromofluorobenzene	12.62	95	132785	46.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.40%	
Target Compounds						
16) Acetone	4.15	43	24272	31.637	ug/l	98
20) Methylene Chloride	4.91	84	17645	6.669	ug/l	97
29) Tetrahydrofuran	7.54	42	7182	12.516	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# 992

Delta R.T. 0.01 min

Lab File: VW011756.D

Acq: 07 Aug 2019 17:22

Instrument :

MSVOA_W

ClientSampled :

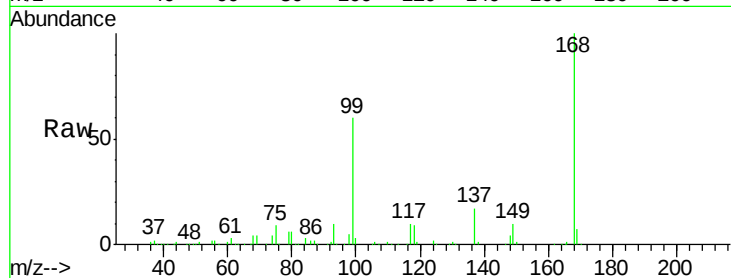
TP-B

Tot Ion:168 Resp: 210039

Ion Ratio Lower Upper

168 100

99 60.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

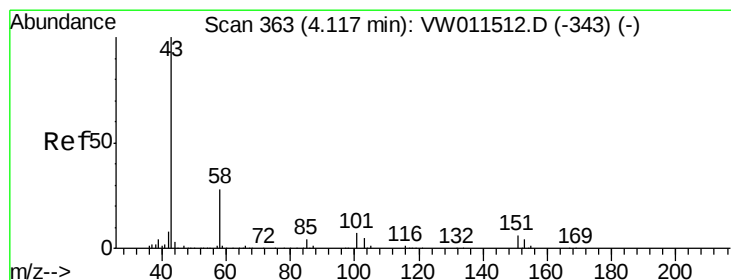
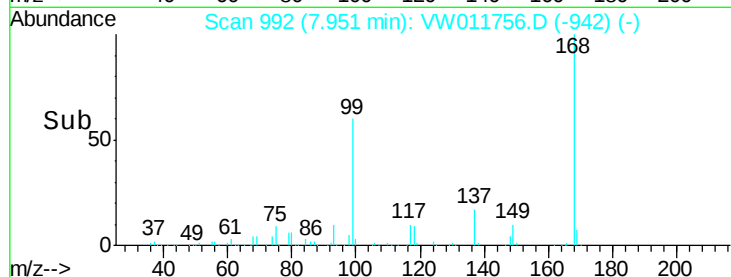
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 31.637 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.03 min

Lab File: VW011756.D

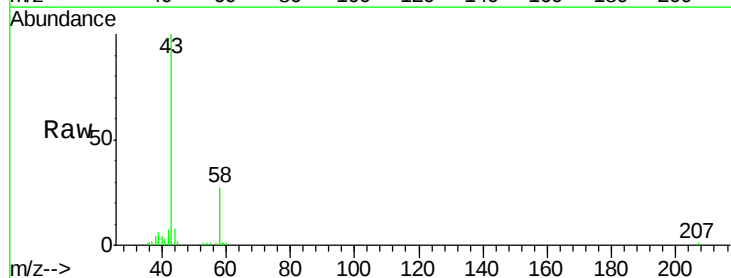
Acq: 07 Aug 2019 17:22

Tgt Ion: 43 Resp: 24272

Ion Ratio Lower Upper

43 100

58 26.8 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

8000

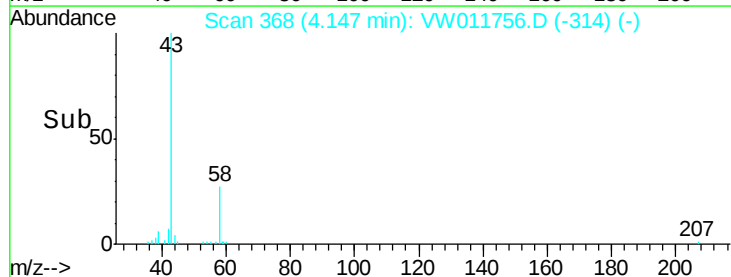
6000

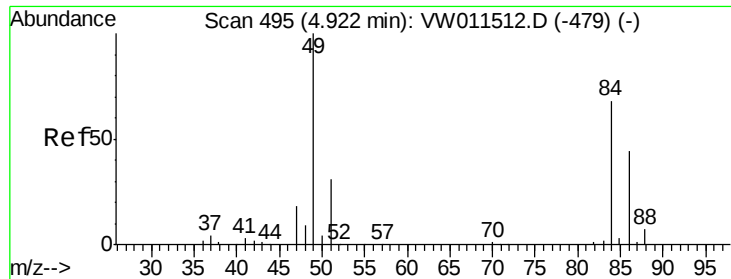
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2000

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Time-->

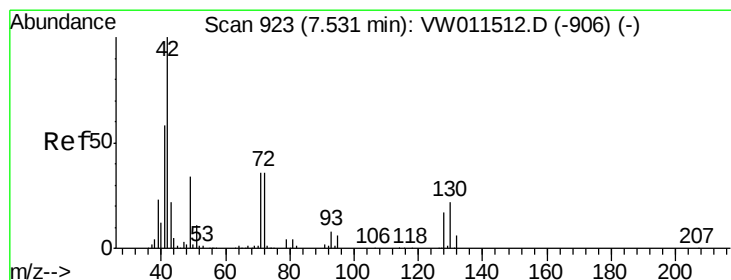
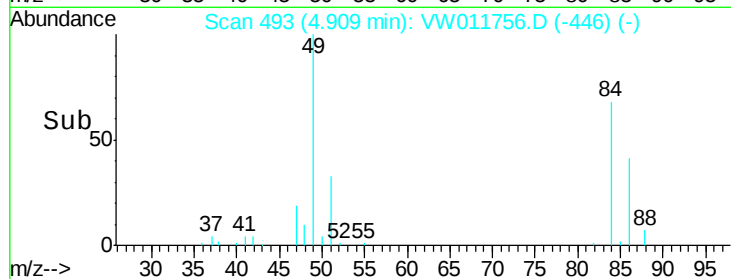
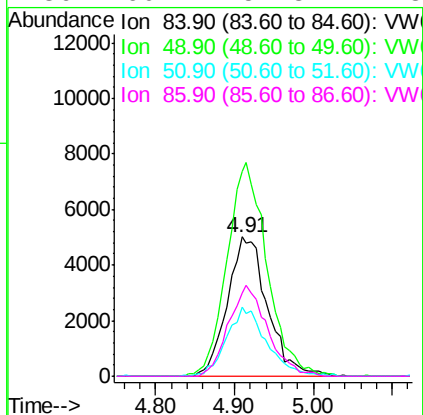
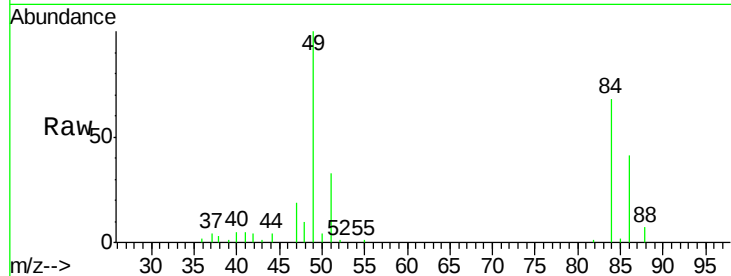




#20
Methvlene Chloride
Concen: 6.669 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011756.D
Acq: 07 Aug 2019 17:22

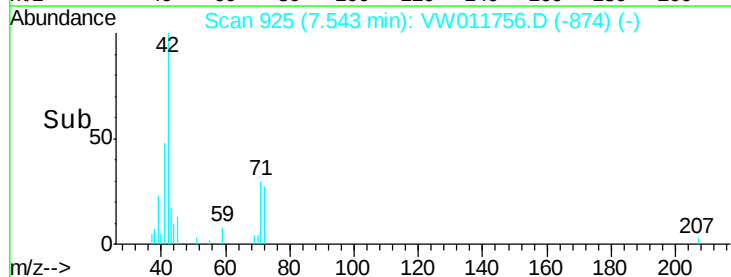
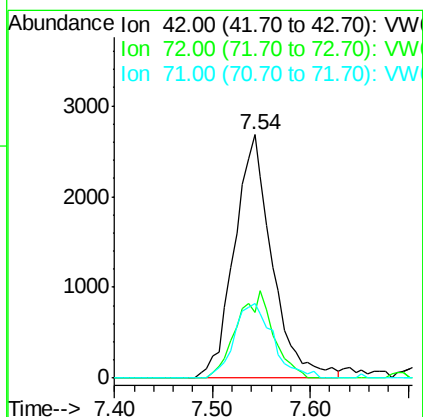
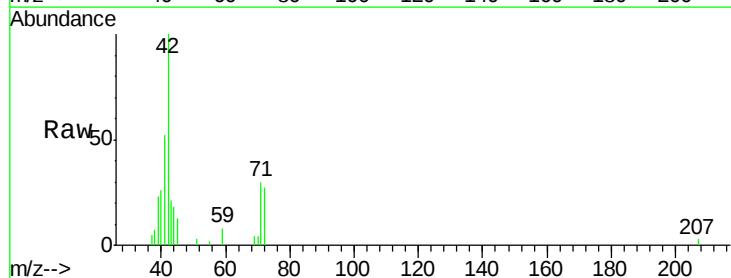
Instrument :
MSVOA_W
ClientSampleId :
TP-B

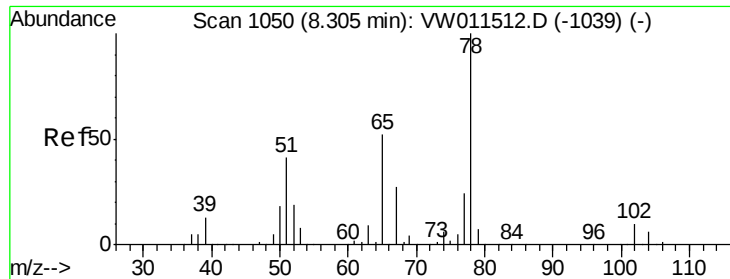
Tot Ion:	84	Resp:	17645
Ion	Ratio	Lower	Upper
84	100		
49	147.6	117.8	176.6
51	49.4	37.0	55.4
86	60.1	51.8	77.8



#29
Tetrahydrofuran
Concen: 12.516 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW011756.D
Acq: 07 Aug 2019 17:22

Tgt Ion:	42	Resp:	7182
Ion	Ratio	Lower	Upper
42	100		
72	34.6	27.1	40.7
71	31.6	26.2	39.4

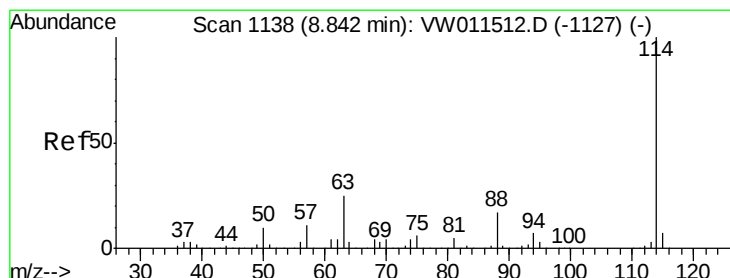
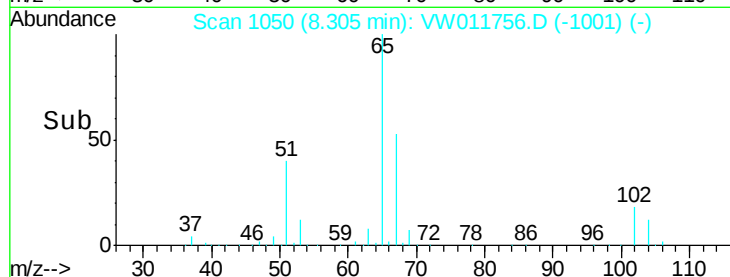
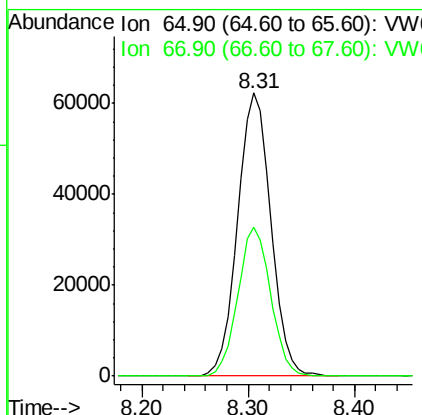
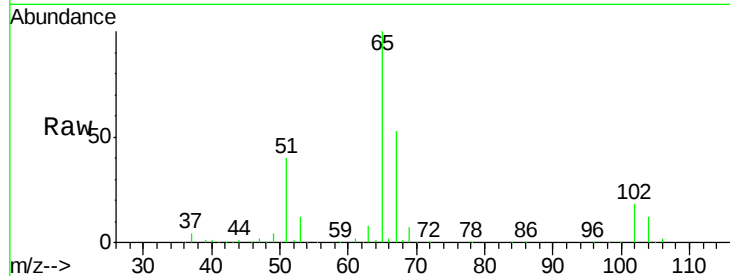




#33
 1,2-Dichloroethane-d4
 Concen: 56.857 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011756.D
 Acq: 07 Aug 2019 17:22

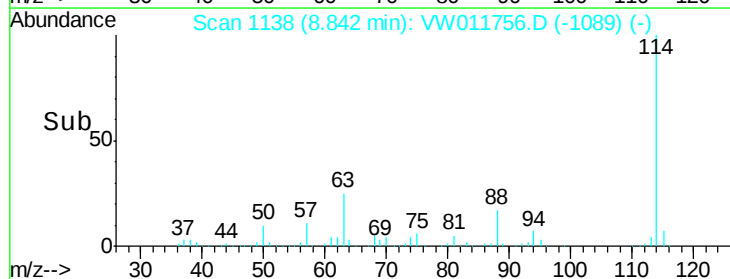
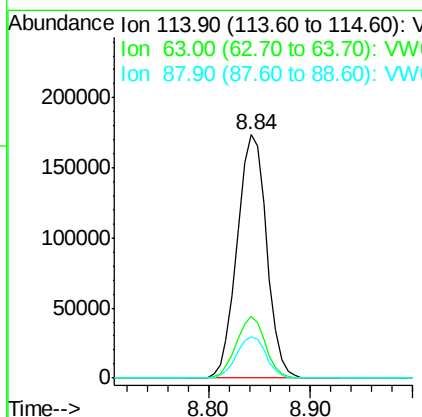
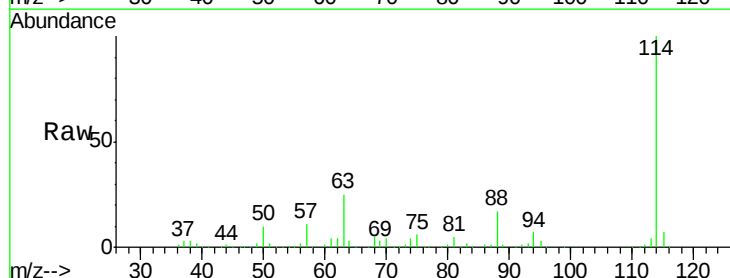
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-B

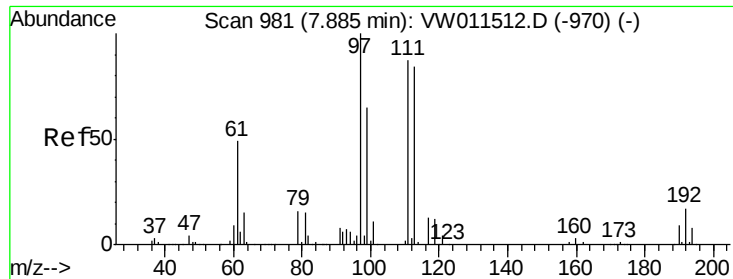
Tot Ion: 65 Resp: 137129
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011756.D
 Acq: 07 Aug 2019 17:22

Tgt Ion: 114 Resp: 347203
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 49.2
 88 17.2 0.0 33.8

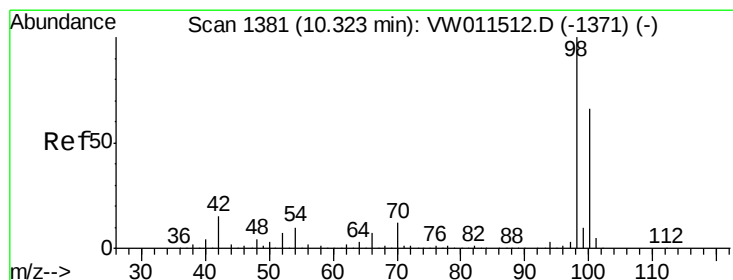
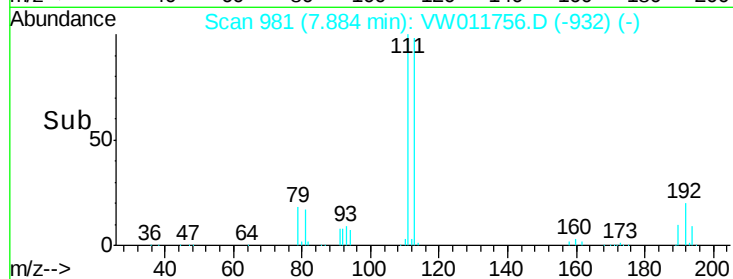
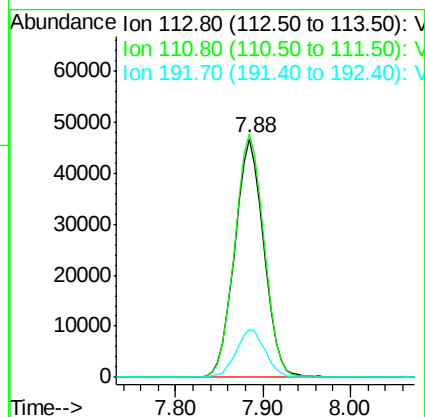
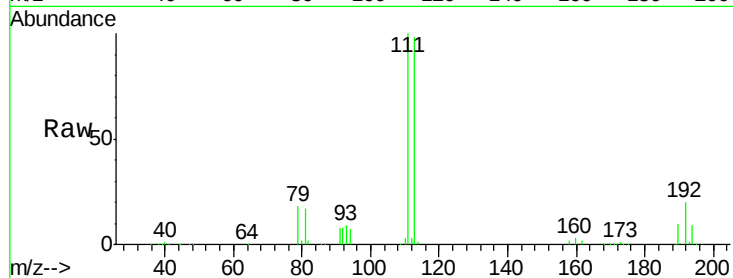




#35
Dibromofluoromethane
Concen: 55.595 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW011756.D
Acq: 07 Aug 2019 17:22

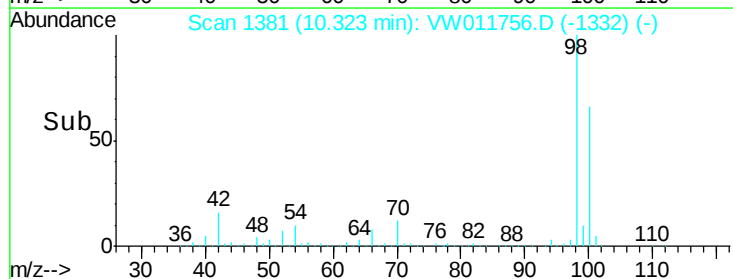
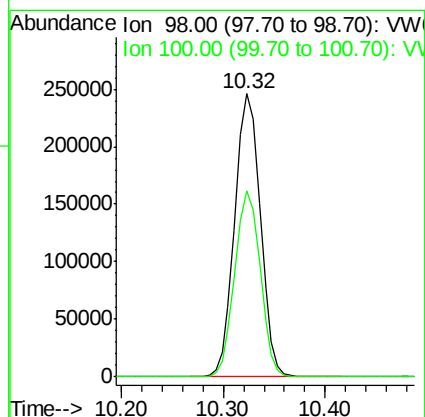
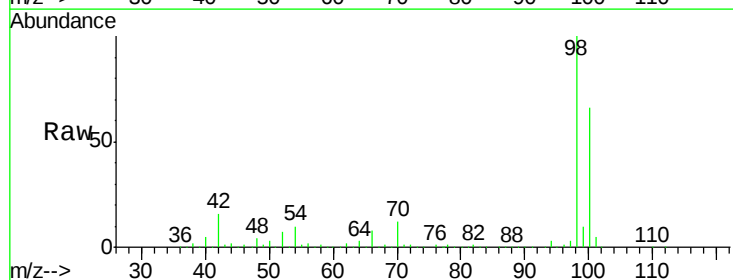
Instrument :
MSVOA_W
ClientSampled :
TP-B

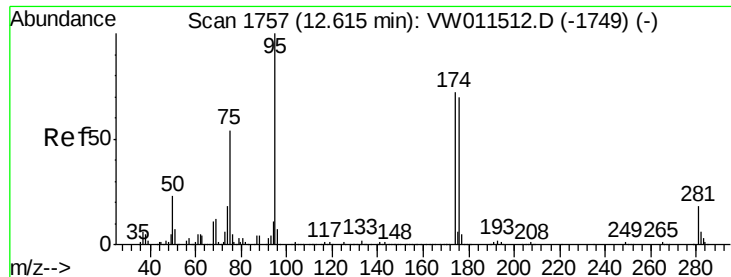
Tot Ion:113 Resp: 108291
Ion Ratio Lower Upper
113 100
111 103.1 82.7 124.1
192 20.1 16.1 24.1



#50
Toluene-d8
Concen: 53.735 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011756.D
Acq: 07 Aug 2019 17:22

Tgt Ion: 98 Resp: 428542
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1

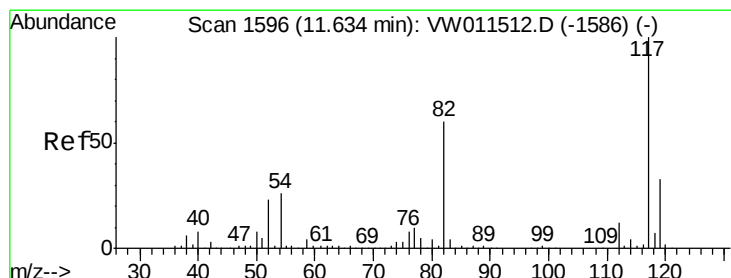
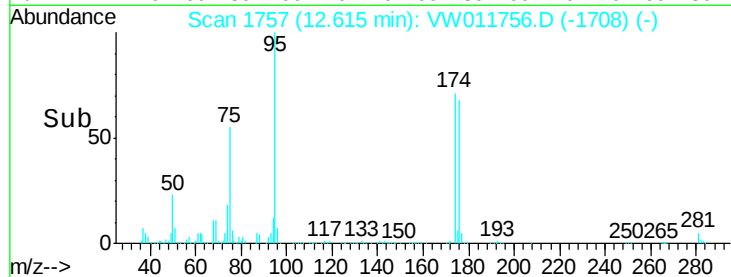
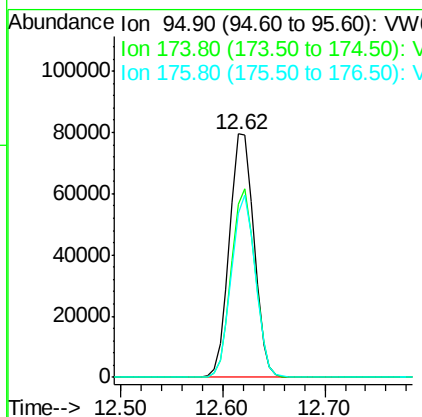
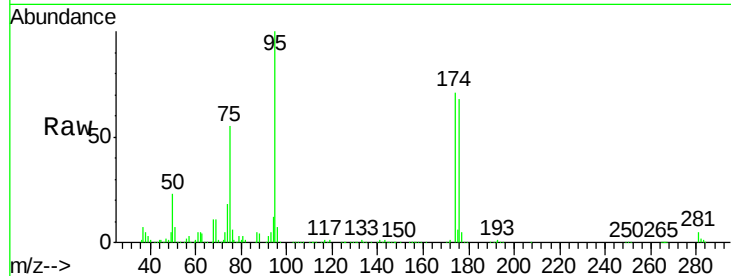




#62
4-Bromofluorobenzene
Concen: 46.701 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW011756.D
Acq: 07 Aug 2019 17:22

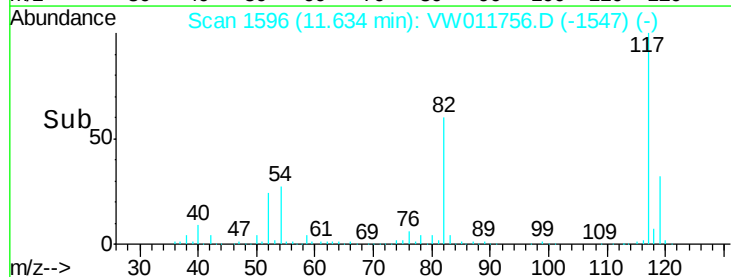
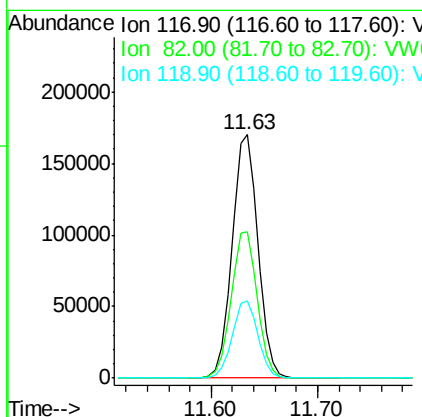
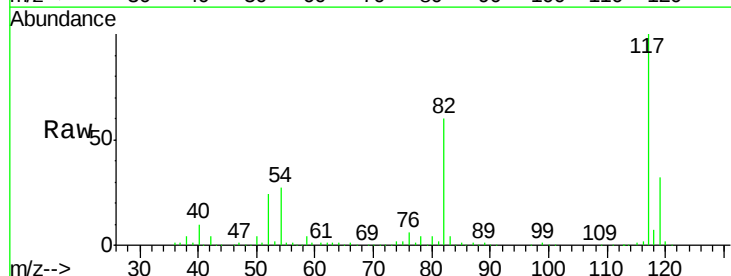
Instrument :
MSVOA_W
ClientSampleId :
TP-B

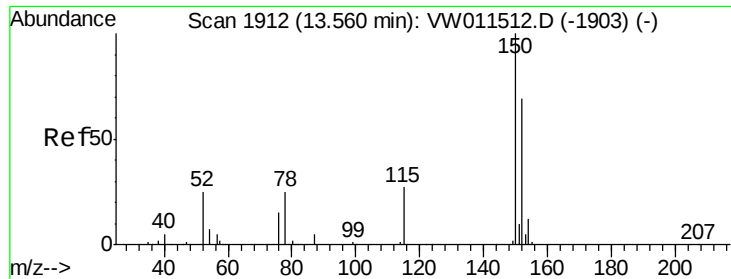
Tot Ion: 95 Resp: 132785
Ion Ratio Lower Upper
95 100
174 74.8 0.0 150.2
176 72.8 0.0 144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011756.D
Acq: 07 Aug 2019 17:22

Tgt Ion: 117 Resp: 289564
Ion Ratio Lower Upper
117 100
82 60.1 47.9 71.9
119 31.7 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: VW011756.D

Acq: 07 Aug 2019 17:22

Instrument :

MSVOA_W

ClientSampleId :

TP-B

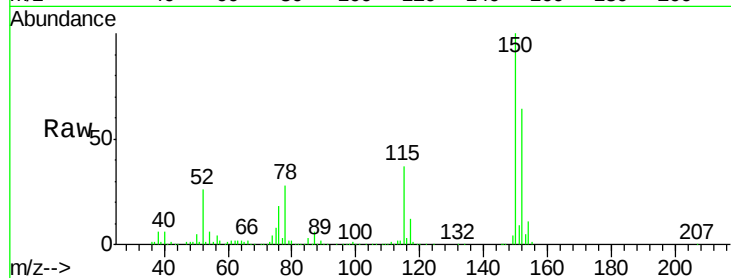
Tot Ion:152 Resp: 113509

Ion Ratio Lower Upper

152 100

115 59.5 30.5 91.5

150 156.5 0.0 352.6



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

