

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011833.D
 Acq On : 10 Aug 2019 01:09
 Operator : SY/VA
 Sample : K4277-01
 Misc : 6.09G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-19

Quant Time: Aug 11 02:06:50 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

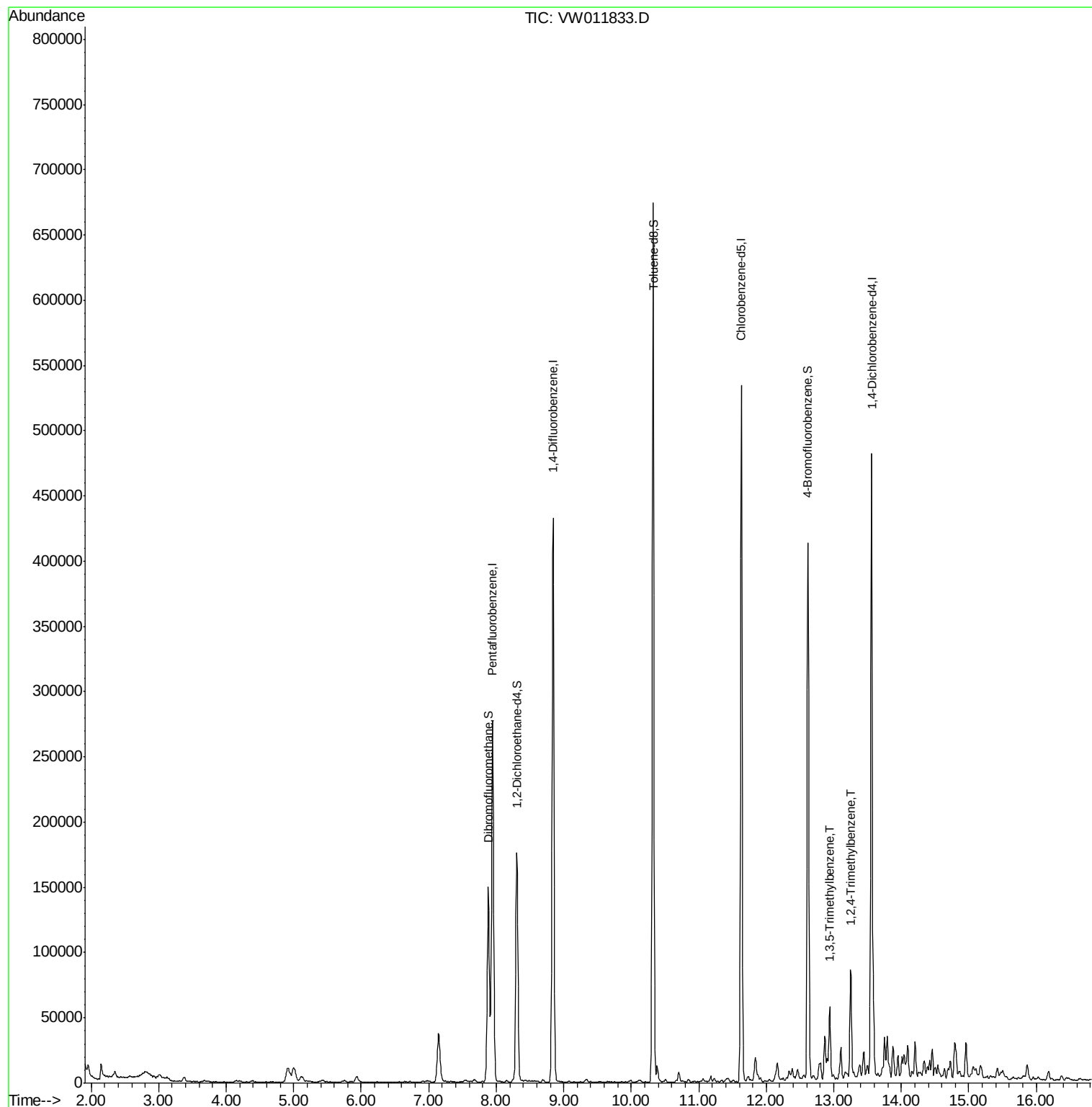
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	200584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	336563	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	280704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	114363	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	137181	59.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.12%	
35) Dibromofluoromethane	7.88	113	105239	55.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.48%	
50) Toluene-d8	10.32	98	418507	54.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.28%	
62) 4-Bromofluorobenzene	12.62	95	134044	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
Target Compounds						
80) 1,3,5-Trimethylbenzene	12.94	105	20273	2.835	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	44515	6.179	ug/l	99

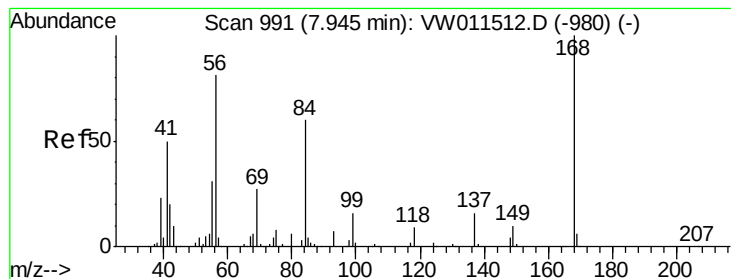
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011833.D

Acq: 10 Aug 2019 01:09

Instrument :

MSVOA_W

ClientSampled :

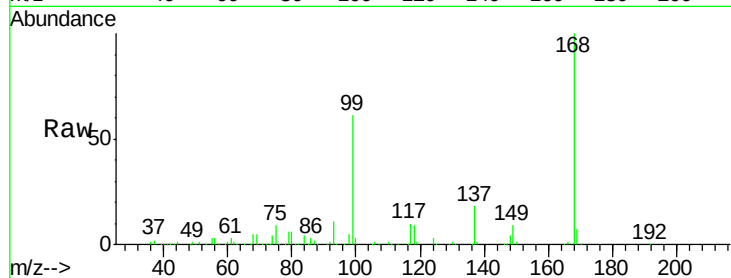
TP-19

Tot Ion:168 Resp: 200584

Ion Ratio Lower Upper

168 100

99 61.2 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

80000

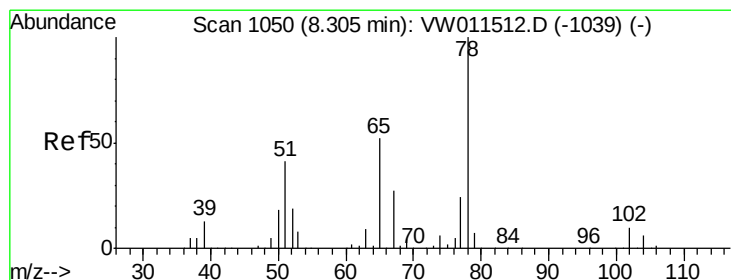
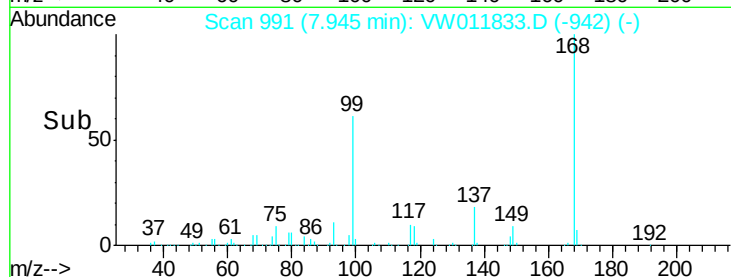
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 59.559 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011833.D

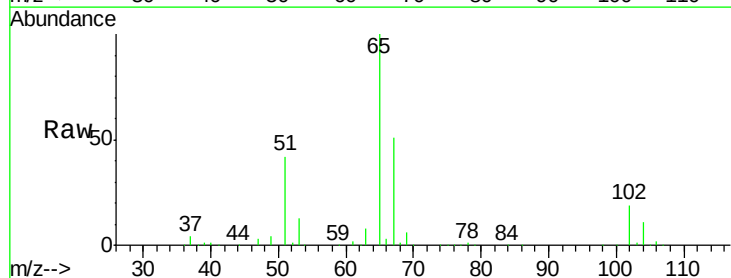
Acq: 10 Aug 2019 01:09

Tgt Ion: 65 Resp: 137181

Ion Ratio Lower Upper

65 100

67 51.8 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

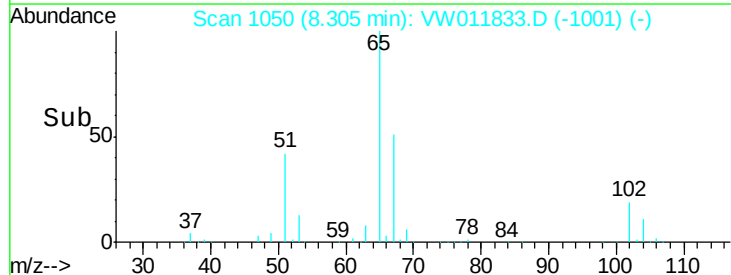
60000

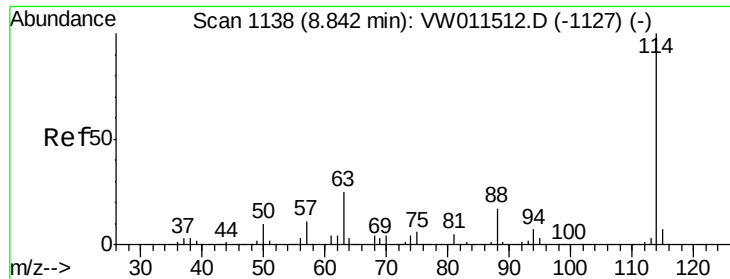
40000

20000

0

Time--> 8.20 8.30 8.40

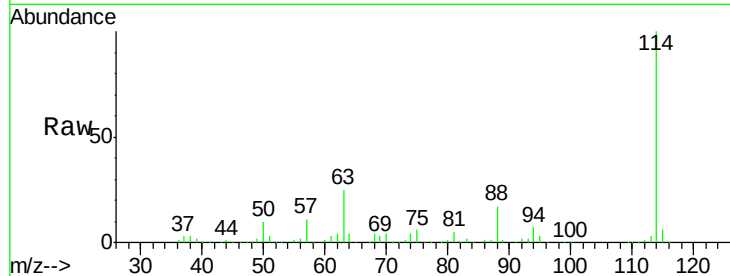




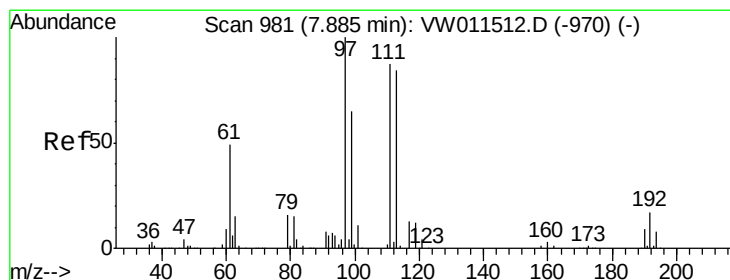
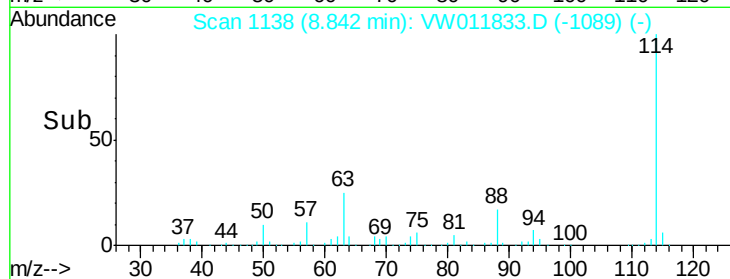
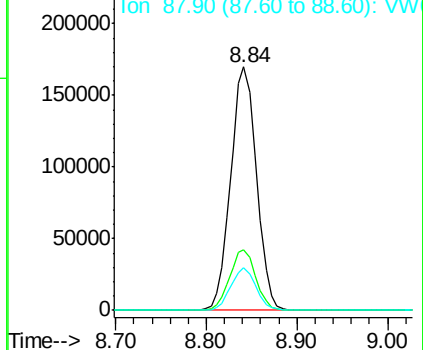
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011833.D
 Acq: 10 Aug 2019 01:09

Instrument :
 MSVOA_W
 ClientSampled :
 TP-19

Tot Ion:114 Resp: 336563
 Ion Ratio Lower Upper
 114 100
 63 25.1 0.0 49.2
 88 17.5 0.0 33.8

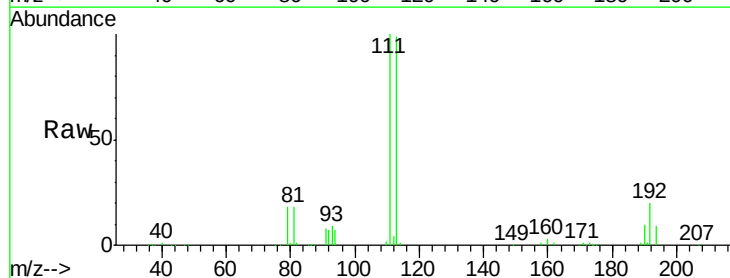


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

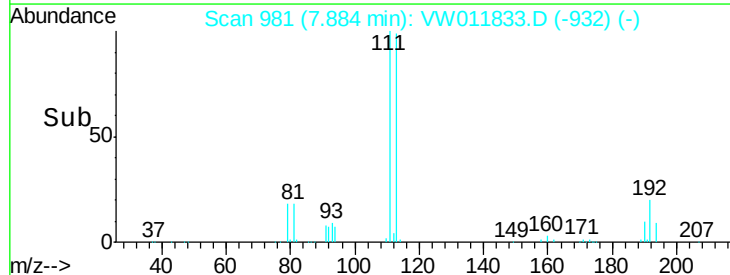
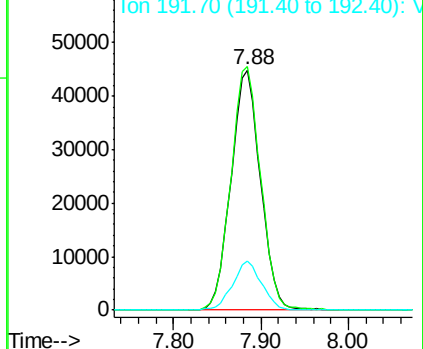


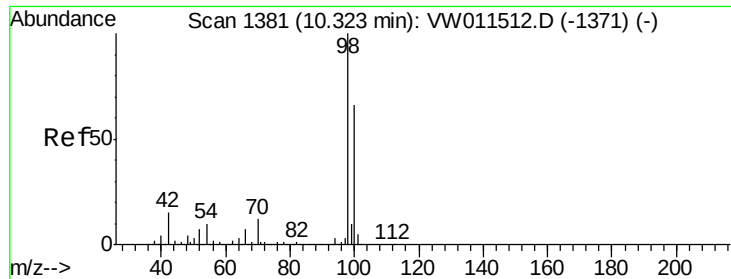
#35
 Dibromofluoromethane
 Concen: 55.736 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011833.D
 Acq: 10 Aug 2019 01:09

Tgt Ion:113 Resp: 105239
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.7 124.1
 192 20.0 16.1 24.1



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

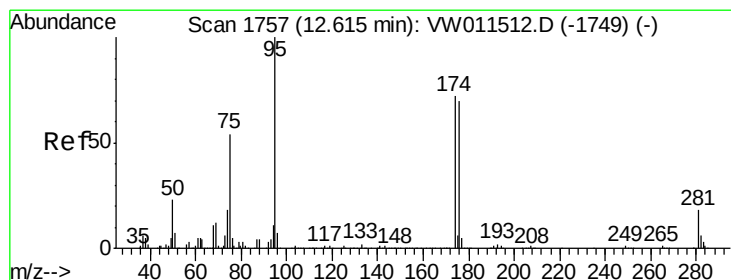
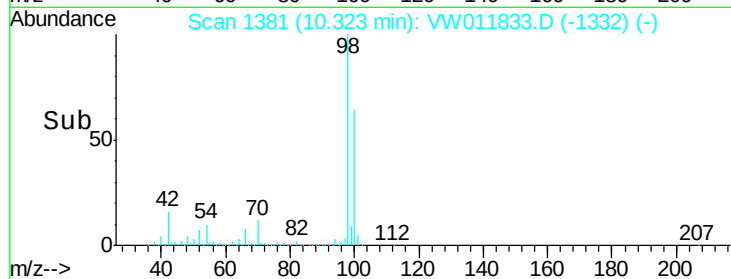
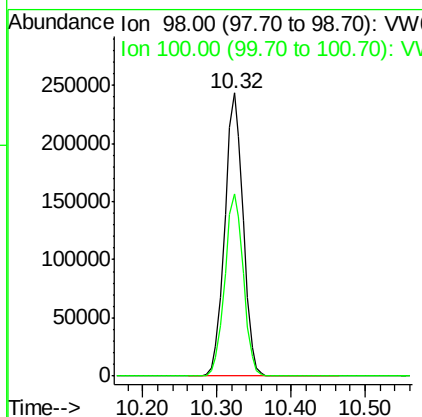
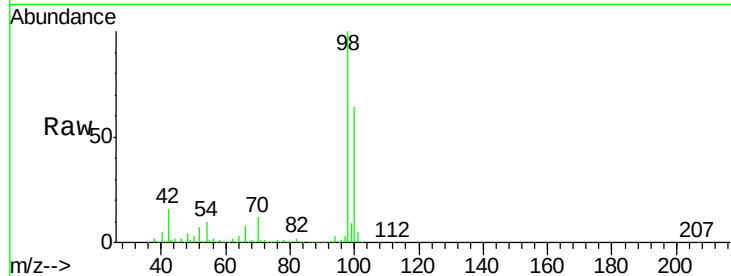




#50
Toluene-d8
Concen: 54.135 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011833.D
Acq: 10 Aug 2019 01:09

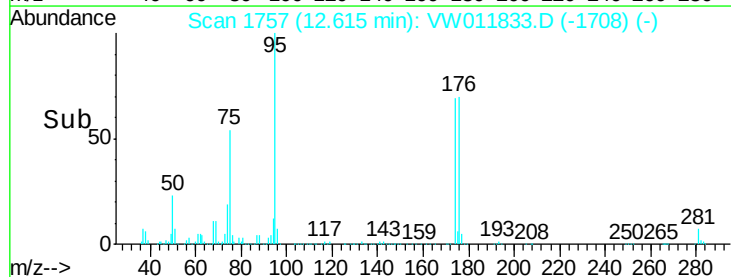
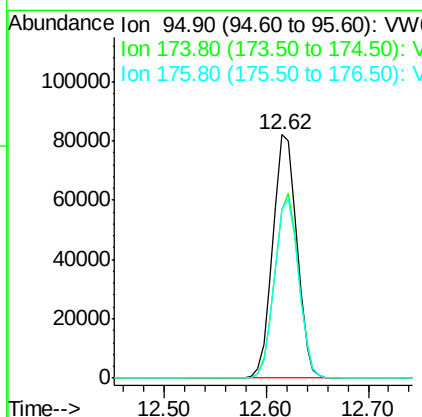
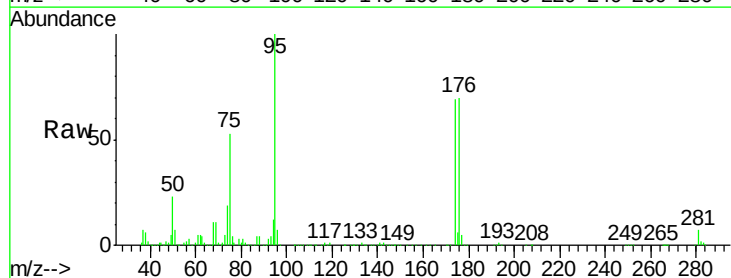
Instrument :
MSVOA_W
ClientSampled :
TP-19

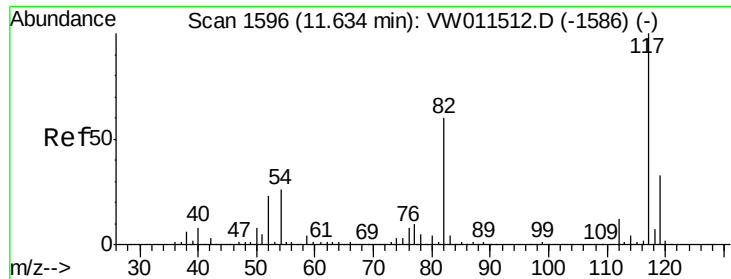
Tot Ion: 98 Resp: 418507
Ion Ratio Lower Upper
98 100
100 64.7 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 48.634 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW011833.D
Acq: 10 Aug 2019 01:09

Tgt Ion: 95 Resp: 134044
Ion Ratio Lower Upper
95 100
174 74.7 0.0 150.2
176 73.3 0.0 144.4

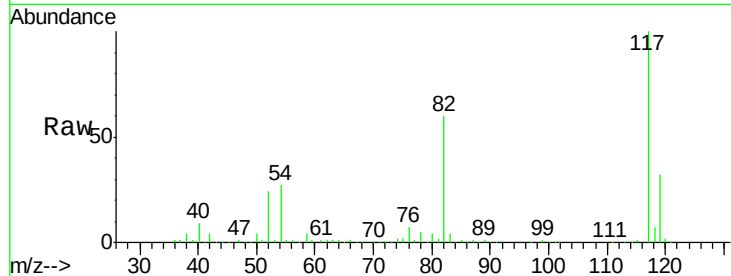




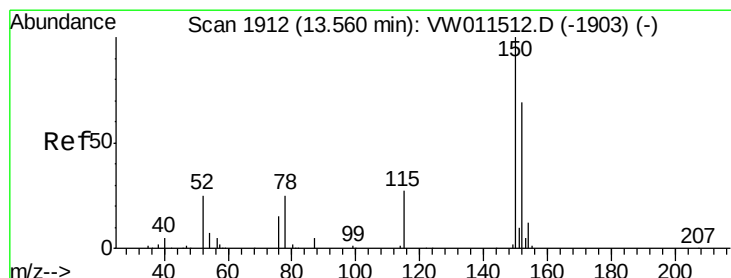
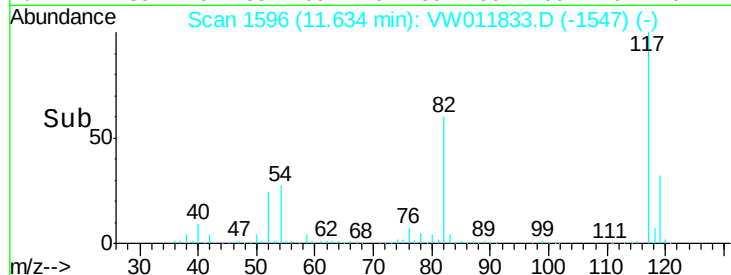
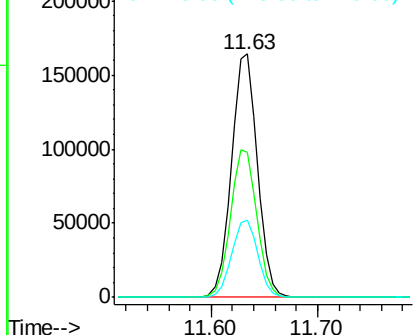
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011833.D
Acq: 10 Aug 2019 01:09

Instrument :
MSVOA_W
ClientSampled :
TP-19

Tot Ion:117 Resp: 280704
Ion Ratio Lower Upper
117 100
82 59.6 47.9 71.9
119 31.9 26.2 39.2

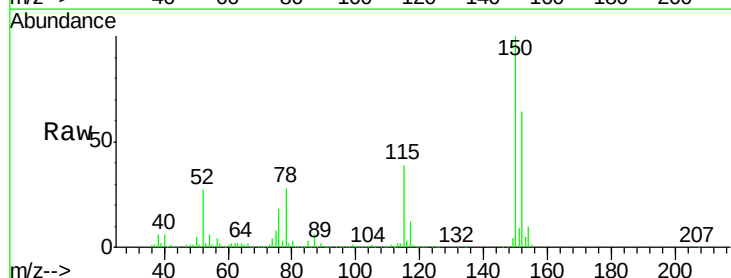


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

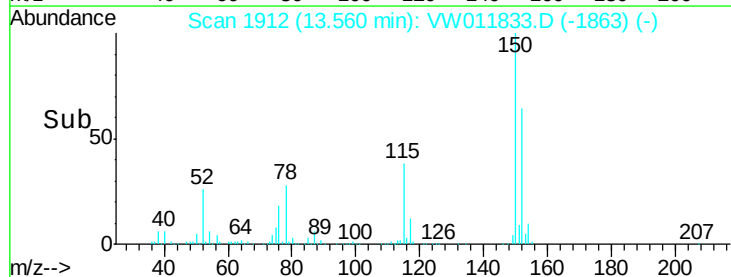
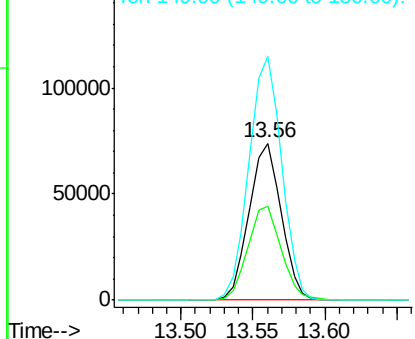


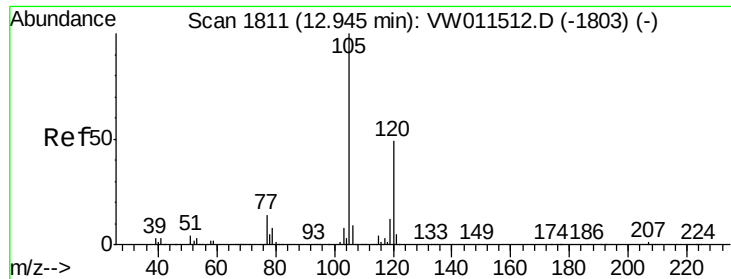
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011833.D
Acq: 10 Aug 2019 01:09

Tgt Ion:152 Resp: 114363
Ion Ratio Lower Upper
152 100
115 61.9 30.5 91.5
150 157.8 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

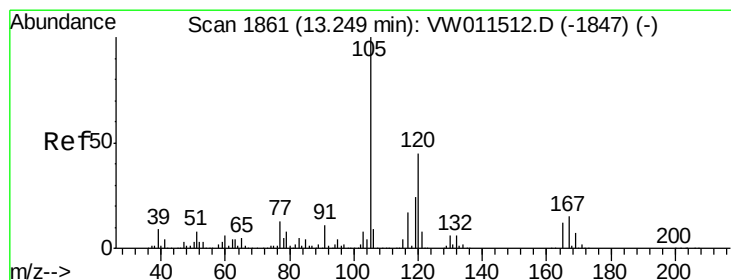
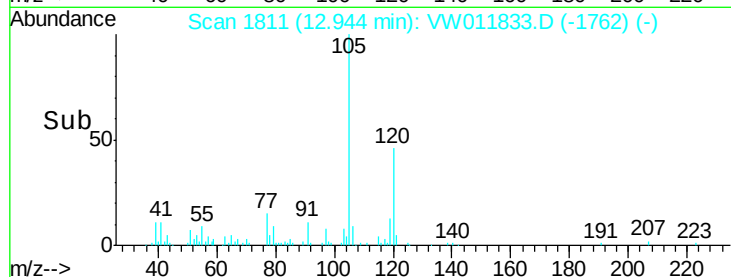
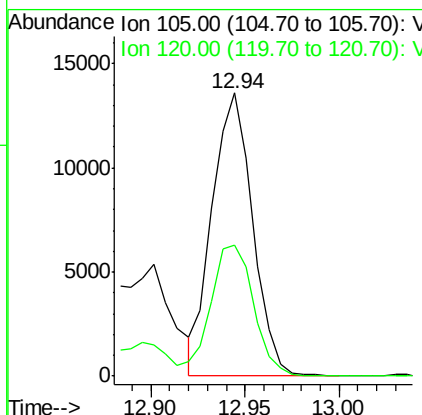
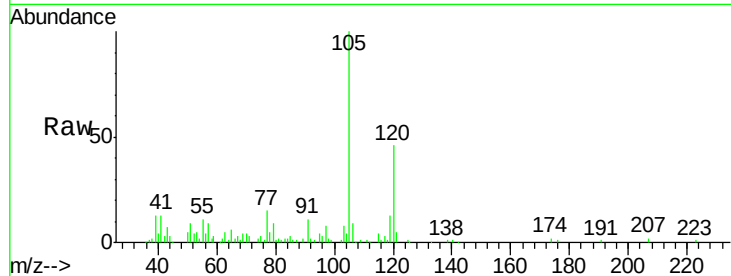




#80
 1,3,5-Trimethylbenzene
 Concen: 2.835 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW011833.D
 Acq: 10 Aug 2019 01:09

Instrument :
 MSVOA_W
 ClientSampled :
 TP-19

Tot Ion:105 Resp: 20273
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.1 72.3



#84
 1,2,4-Trimethylbenzene
 Concen: 6.179 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW011833.D
 Acq: 10 Aug 2019 01:09

Tgt Ion:105 Resp: 44515
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.1 66.5

