

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090419\
 Data File : VW012604.D
 Acq On : 04 Sep 2019 21:05
 Operator : SY/VA
 Sample : K4613-02
 Misc : 5.50G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-10-S2

Quant Time: Sep 05 07:19:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	43105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	50073	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	24165	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	1268	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	10204	19.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.82%	
35) Dibromofluoromethane	7.88	113	12458	41.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.36%	
50) Toluene-d8	10.32	98	54514	44.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.96%	
62) 4-Bromofluorobenzene	12.62	95	3868	9.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.10%	

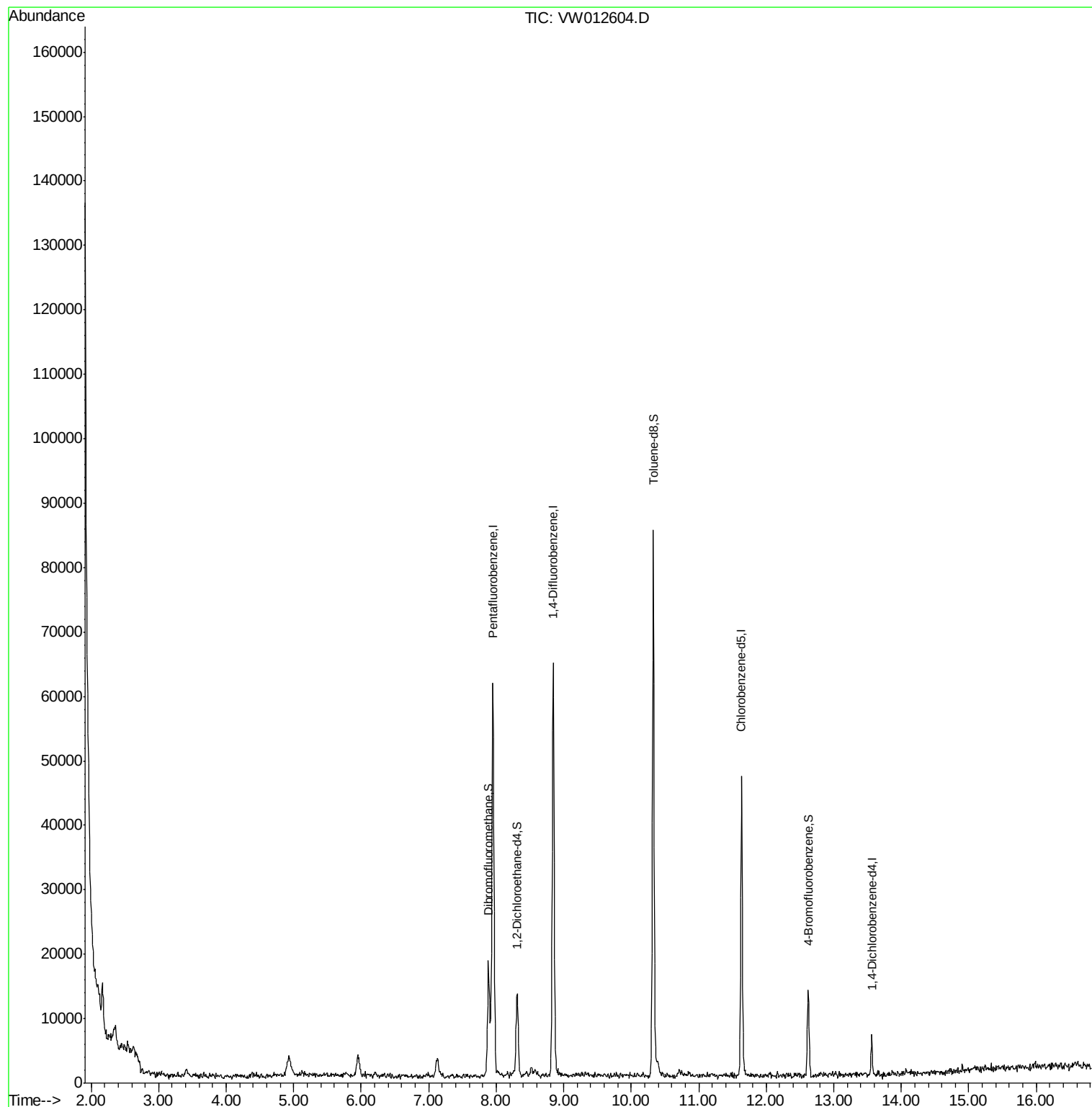
Target Compounds	Qvalue

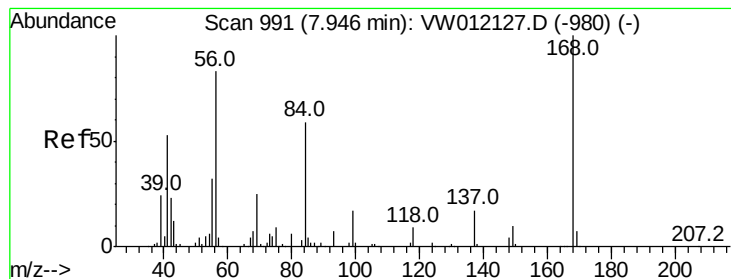
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW012604.D

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Instrument :

MSVOA_W

ClientSampleId :

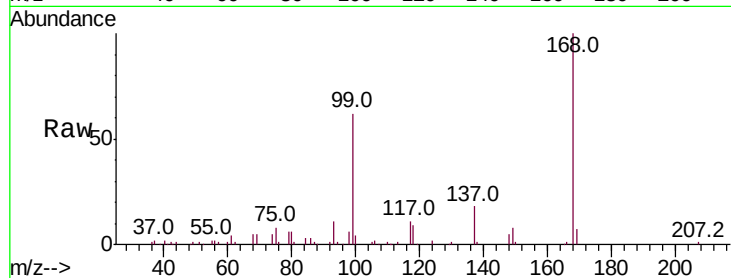
TP-10-S2

Tot Ion:168 Resp: 43105

Ion Ratio Lower Upper

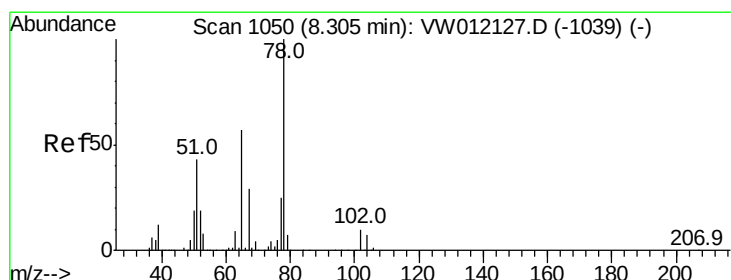
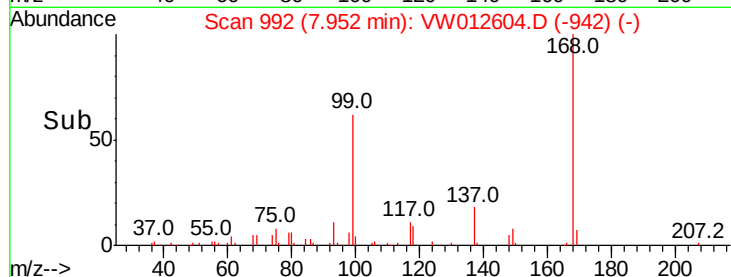
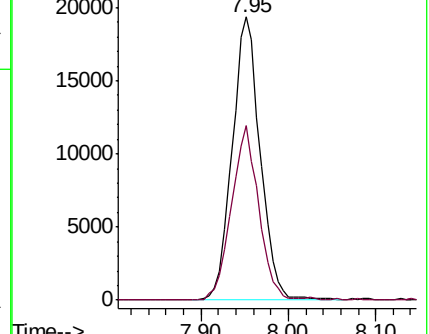
168 100

99 61.6 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 19.914 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VW012604.D

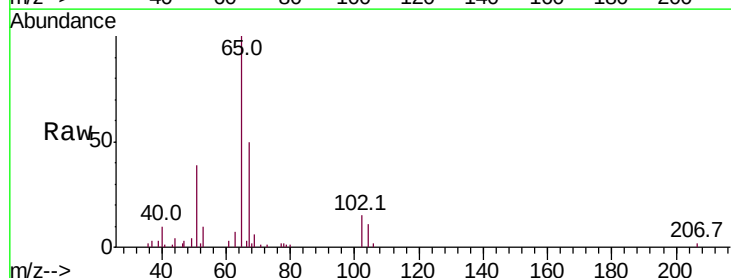
Acq: 04 Sep 2019 21:05

Tgt Ion: 65 Resp: 10204

Ion Ratio Lower Upper

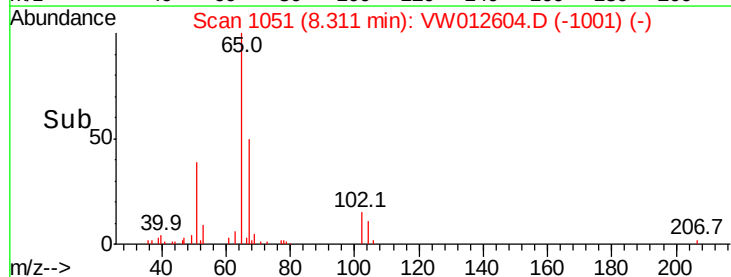
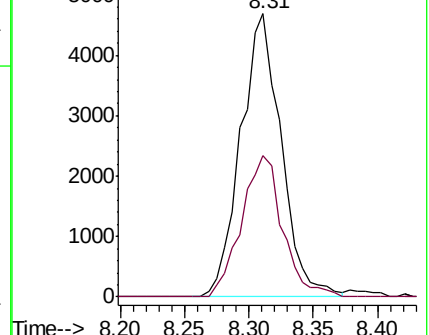
65 100

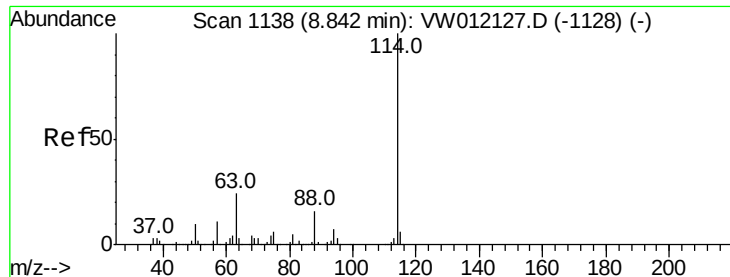
67 50.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

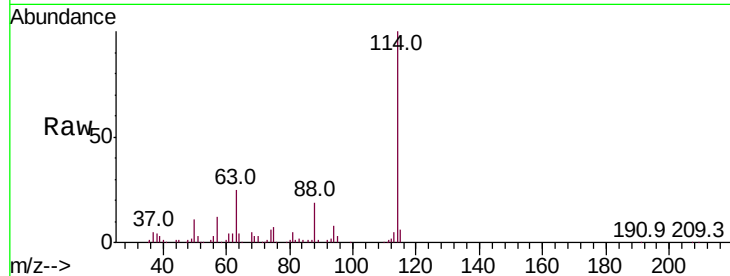




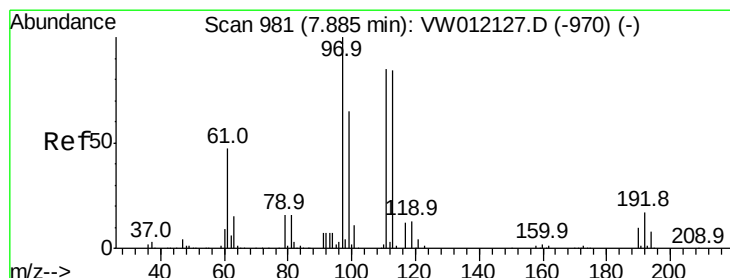
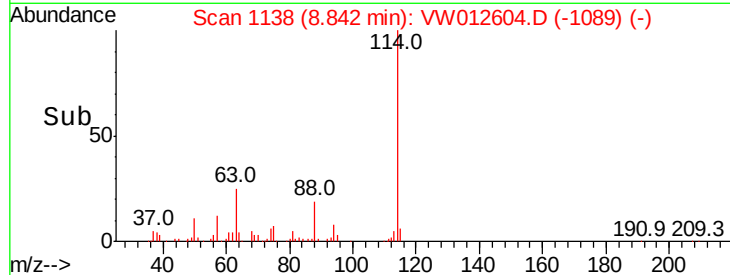
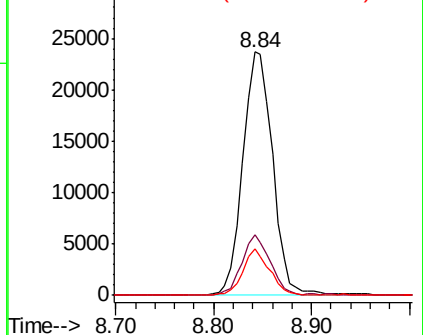
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW012604.D
Acq: 04 Sep 2019 21:05

Instrument :
MSVOA_W
ClientSampleId :
TP-10-S2

Tot Ion:114 Resp: 50073
Ion Ratio Lower Upper
114 100
63 24.9 0.0 48.6
88 19.1 0.0 32.2

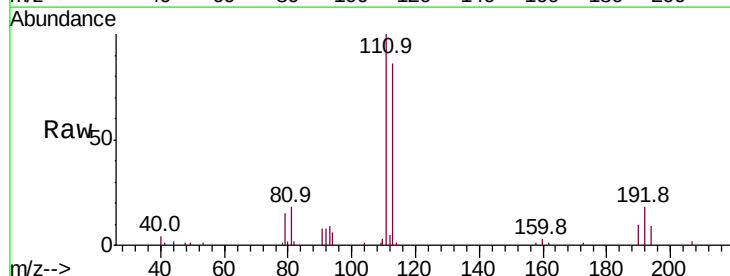


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

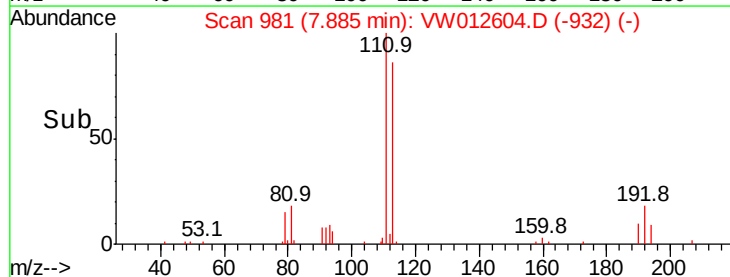
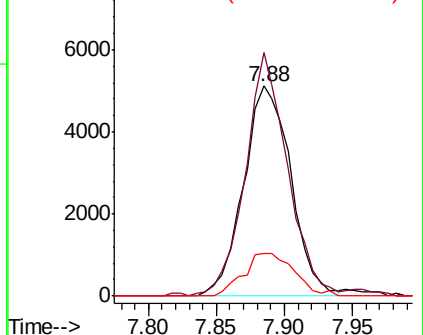


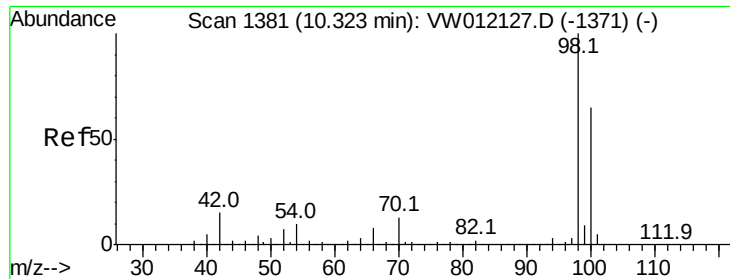
#35
Dibromofluoromethane
Concen: 41.681 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW012604.D
Acq: 04 Sep 2019 21:05

Tgt Ion:113 Resp: 12458
Ion Ratio Lower Upper
113 100
111 103.0 82.7 124.1
192 21.9 16.2 24.2



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: 44.982 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012604.D

Acq: 04 Sep 2019 21:05

Instrument :

MSVOA_W

ClientSampleId :

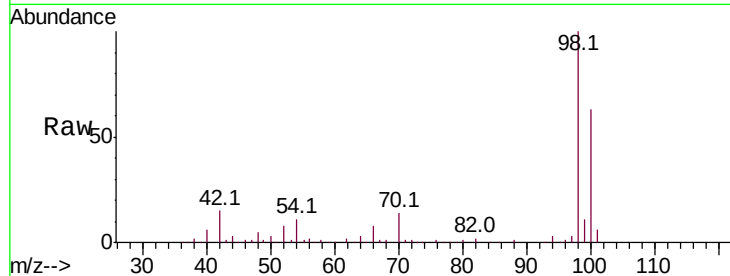
TP-10-S2

Tot Ion: 98 Resp: 54514

Ion Ratio Lower Upper

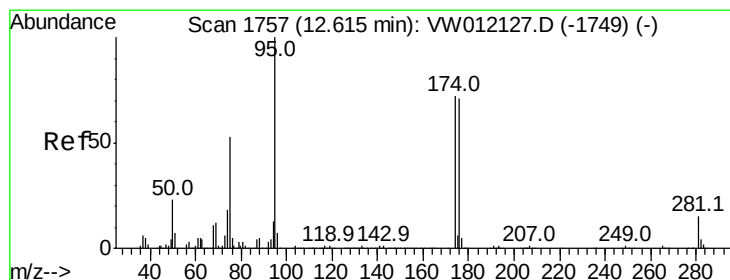
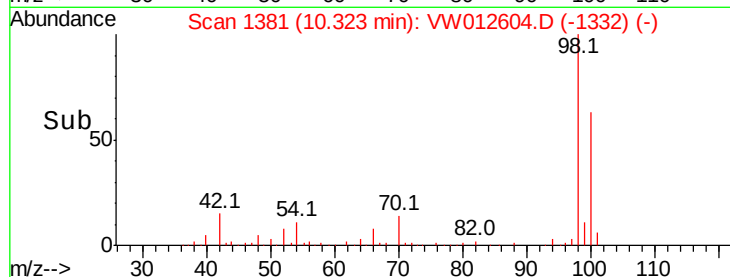
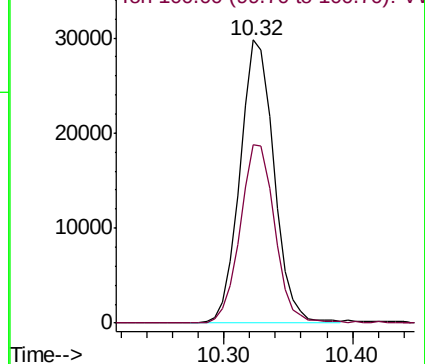
98 100

100 63.9 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 9.054 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW012604.D

Acq: 04 Sep 2019 21:05

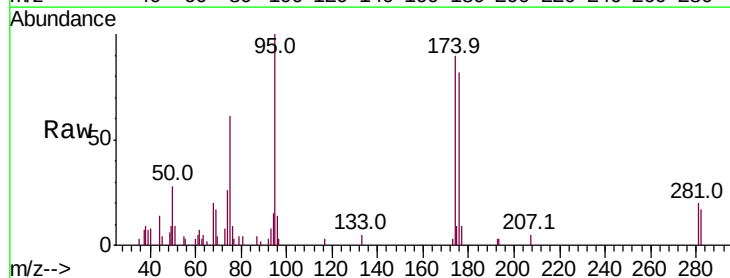
Tgt Ion: 95 Resp: 3868

Ion Ratio Lower Upper

95 100

174 79.5 0.0 150.8

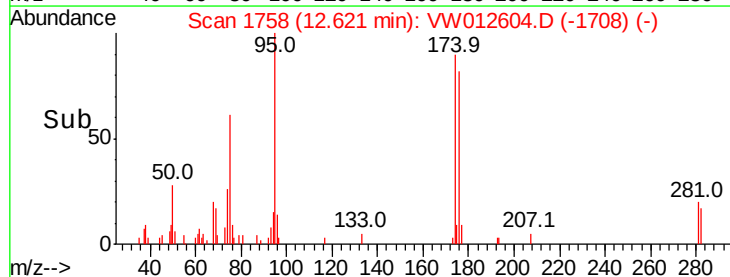
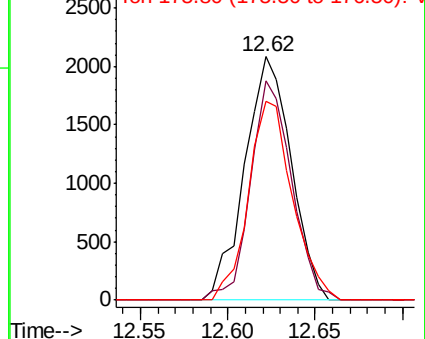
176 77.7 0.0 148.6

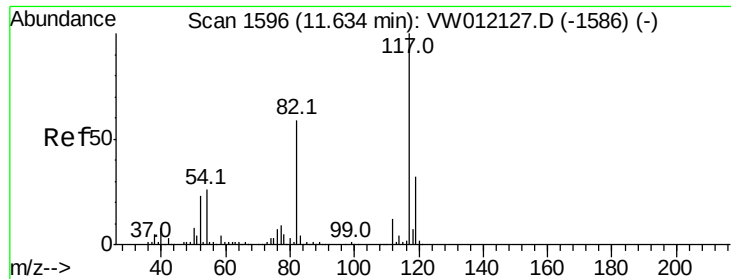


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

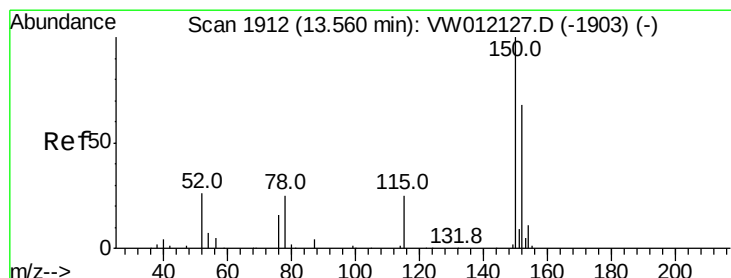
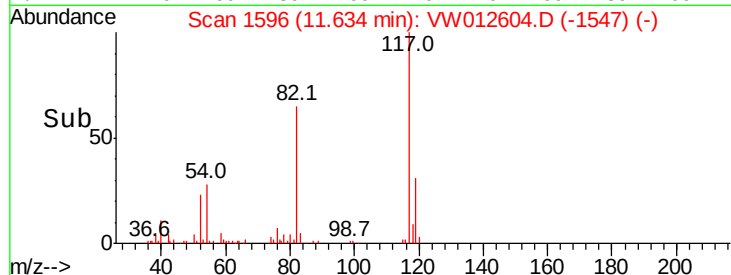
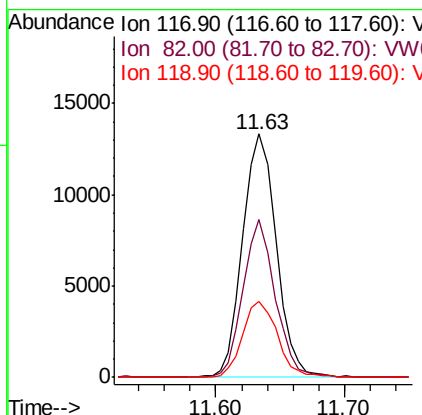
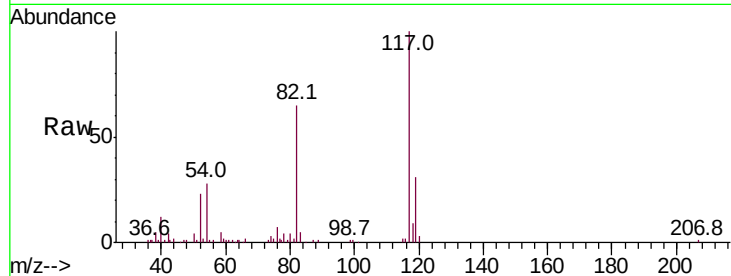




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012604.D
Acq: 04 Sep 2019 21:05

Instrument :
MSVOA_W
ClientSampleId :
TP-10-S2

Tot Ion:117 Resp: 24165
Ion Ratio Lower Upper
117 100
82 64.8 47.4 71.2
119 31.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW012604.D
Acq: 04 Sep 2019 21:05

Tgt Ion:152 Resp: 1268
Ion Ratio Lower Upper
152 100
115 63.2 30.1 90.3
150 145.0 0.0 345.8

