

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091819\
 Data File : VW013125.D
 Acq On : 18 Sep 2019 20:20
 Operator : SY/VA
 Sample : K4942-07
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-4

Quant Time: Sep 19 09:12:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	276550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	417824	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	350864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	140918	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	129056	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
35) Dibromofluoromethane	7.88	113	121073	53.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.80%	
50) Toluene-d8	10.32	98	483759	54.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.06%	
62) 4-Bromofluorobenzene	12.62	95	145600	45.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.28%	

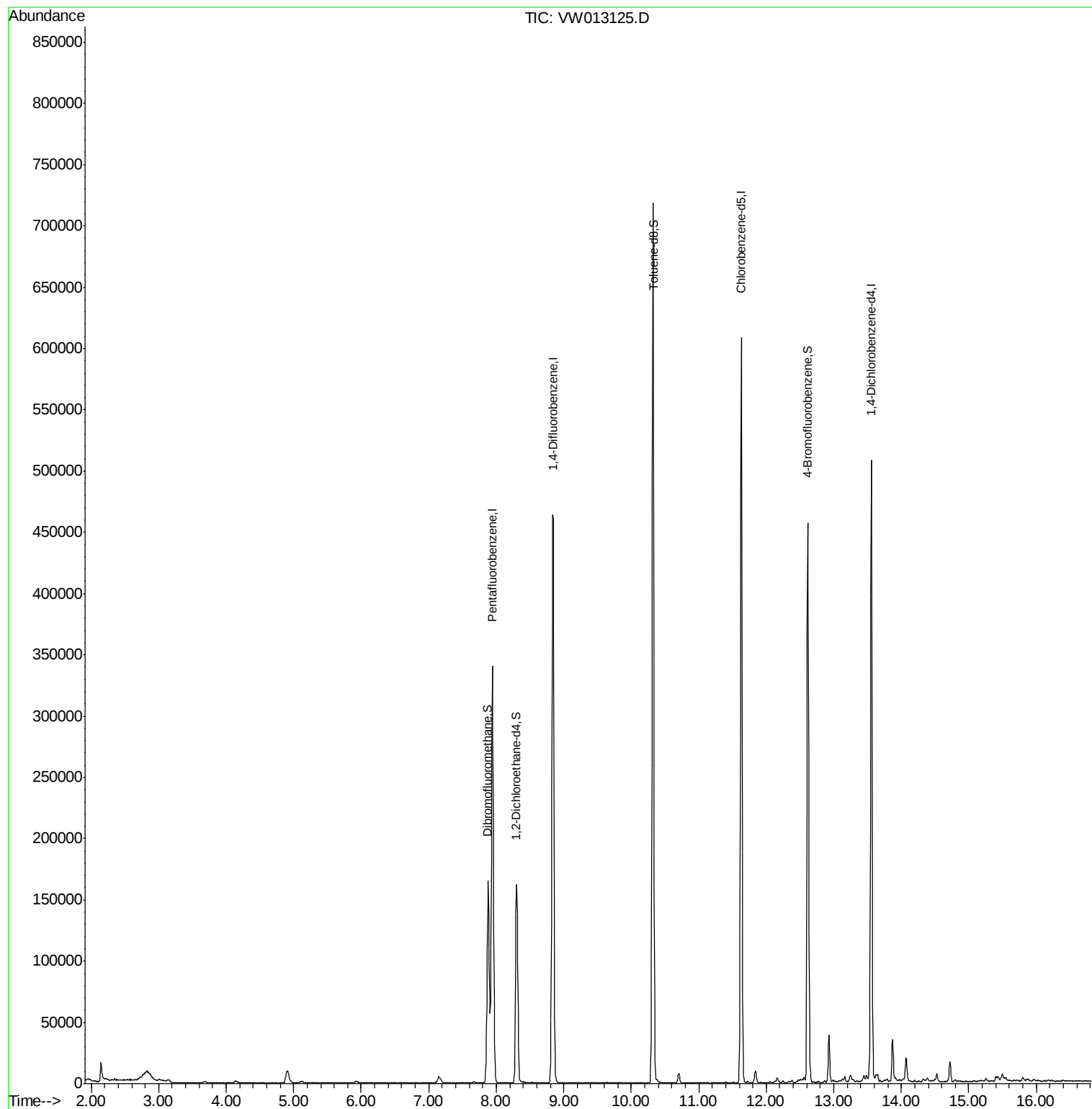
Target Compounds	Qvalue

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

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Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 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: VW013125.D

Acq: 18 Sep 2019 20:20

Instrument :

MSVOA_W

ClientSampled :

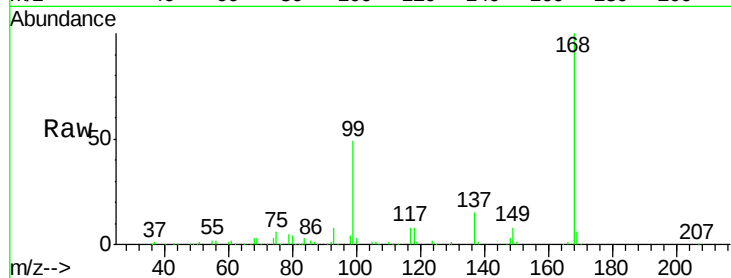
TP-4

Tot Ion:168 Resp: 276550

Ion Ratio Lower Upper

168 100

99 49.2 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

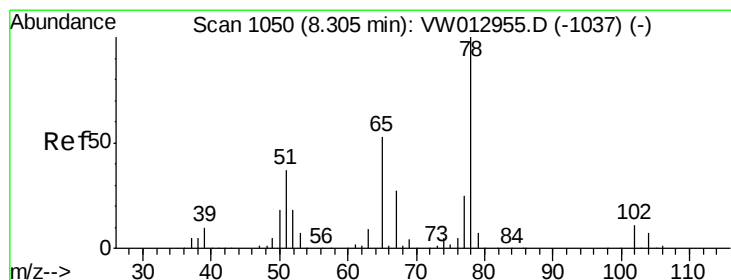
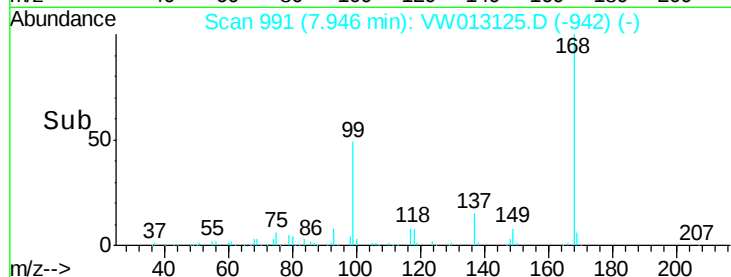
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 50.528 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013125.D

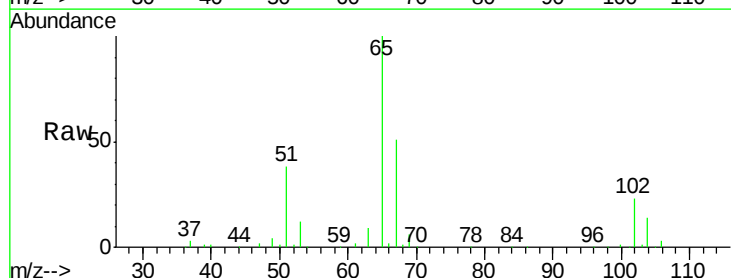
Acq: 18 Sep 2019 20:20

Tgt Ion: 65 Resp: 129056

Ion Ratio Lower Upper

65 100

67 53.8 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

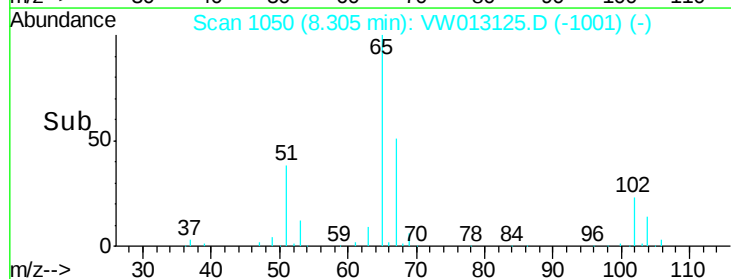
60000

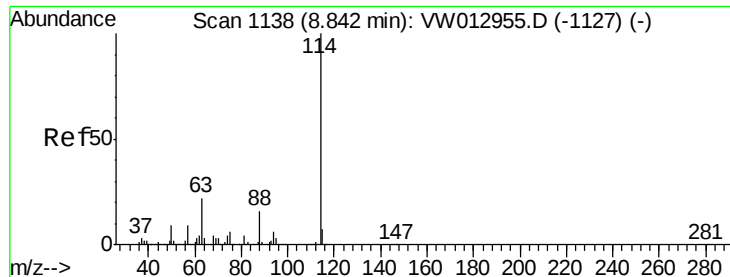
40000

20000

0

Time--> 8.20 8.30 8.40

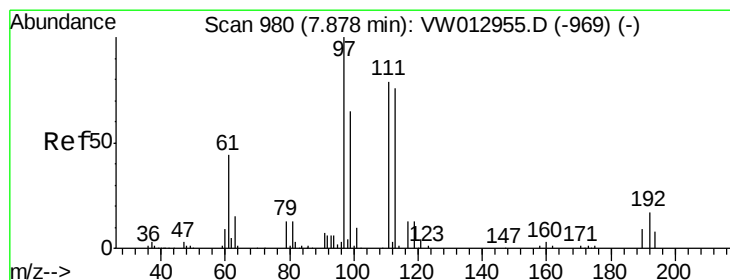
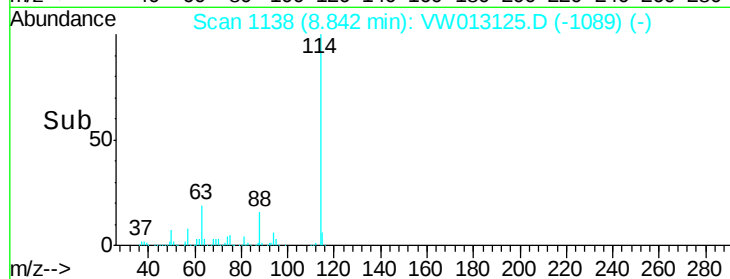
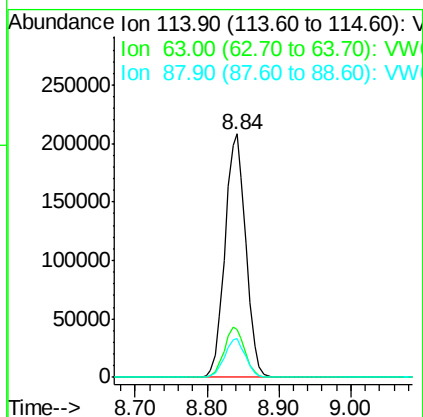
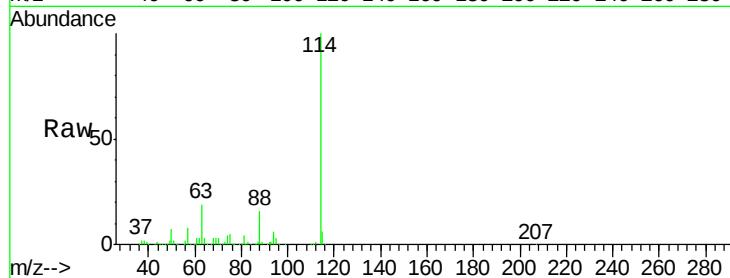




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW013125.D
Acq: 18 Sep 2019 20:20

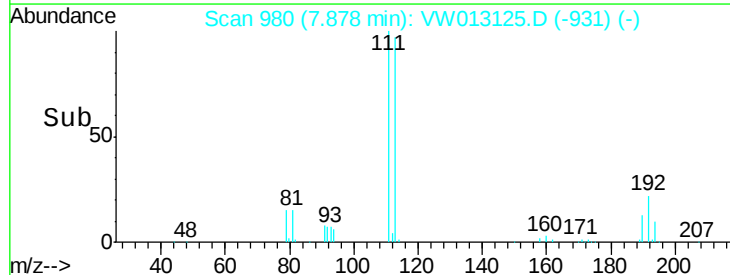
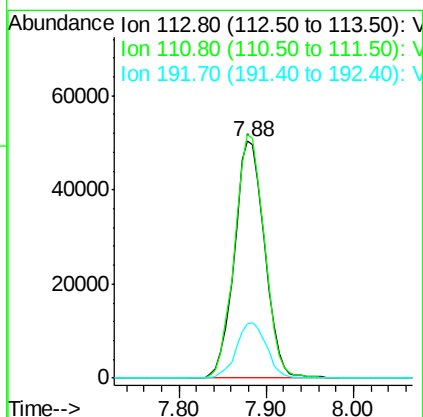
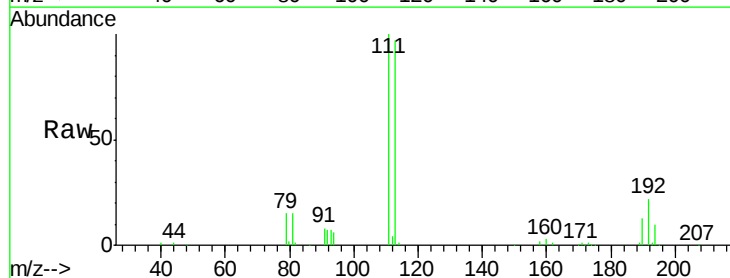
Instrument :
MSVOA_W
ClientSampled :
TP-4

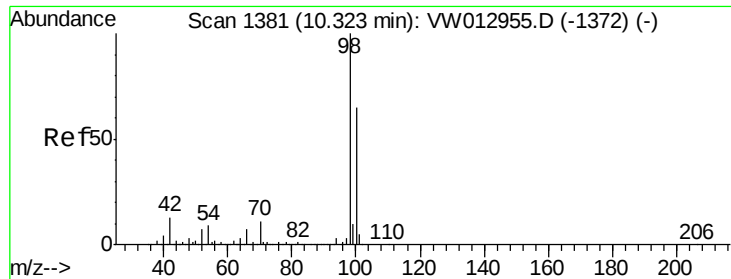
Tot Ion:114 Resp: 417824
Ion Ratio Lower Upper
114 100
63 19.5 0.0 43.4
88 15.9 0.0 31.6



#35
Dibromofluoromethane
Concen: 53.403 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW013125.D
Acq: 18 Sep 2019 20:20

Tgt Ion:113 Resp: 121073
Ion Ratio Lower Upper
113 100
111 101.6 82.8 124.2
192 23.2 17.8 26.8





#50

Toluene-d8

Concen: 54.529 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013125.D

Acq: 18 Sep 2019 20:20

Instrument :

MSVOA_W

ClientSampled :

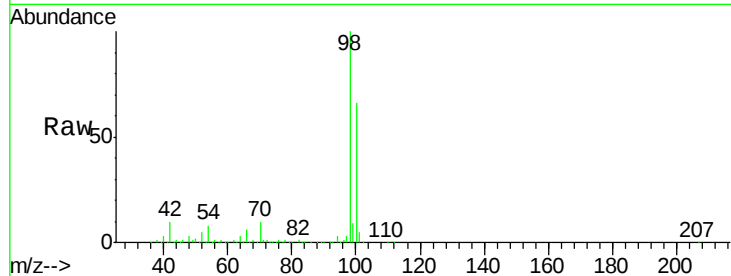
TP-4

Tot Ion: 98 Resp: 483759

Ion Ratio Lower Upper

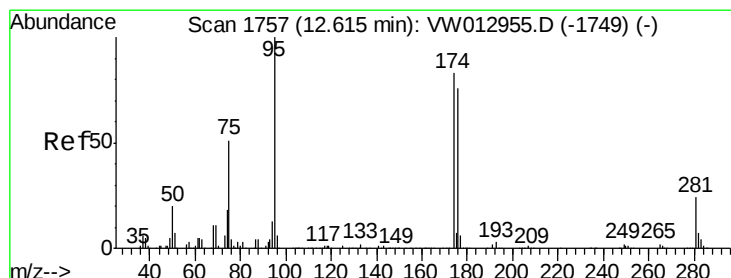
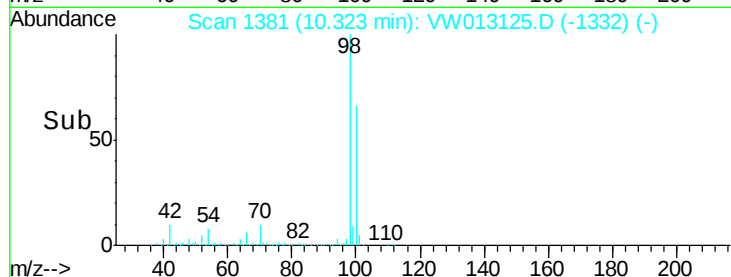
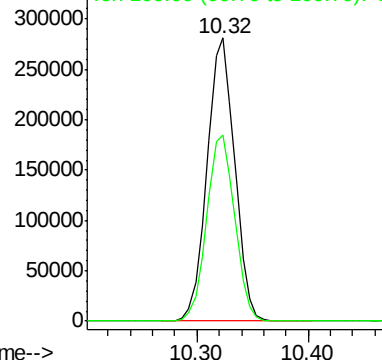
98 100

100 66.5 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 45.642 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013125.D

Acq: 18 Sep 2019 20:20

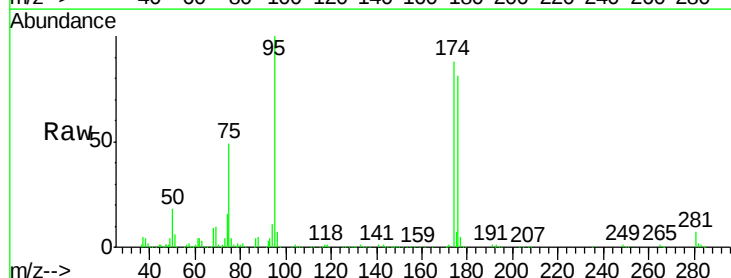
Tgt Ion: 95 Resp: 145600

Ion Ratio Lower Upper

95 100

174 88.7 0.0 170.4

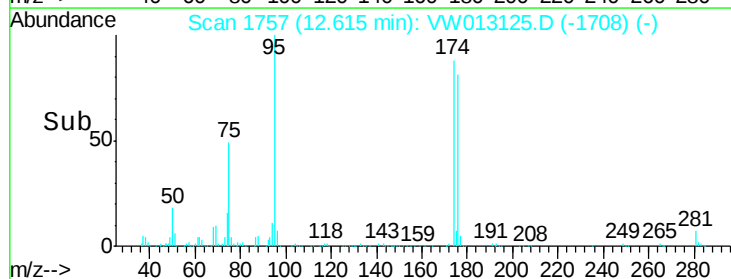
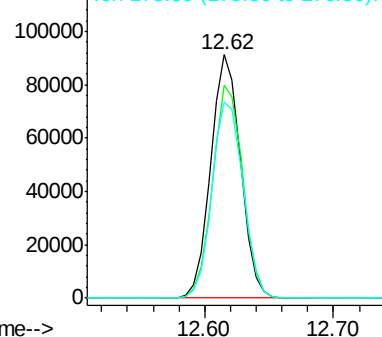
176 84.5 0.0 164.6



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

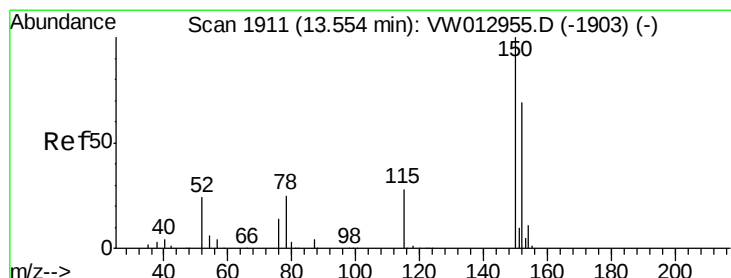
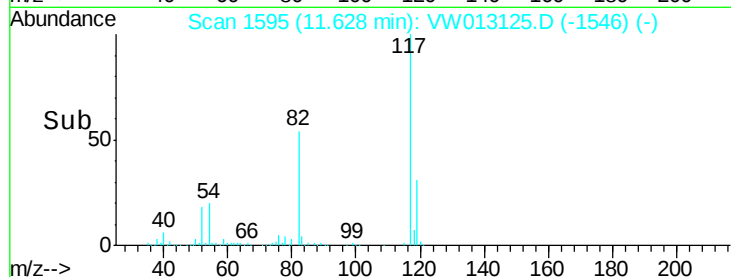
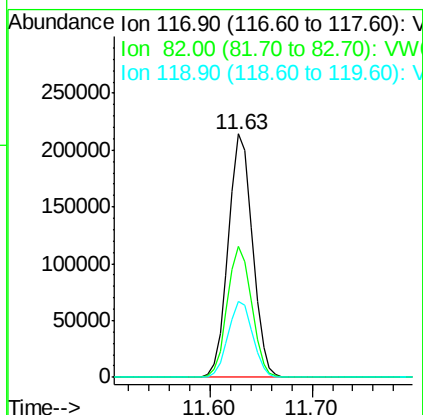
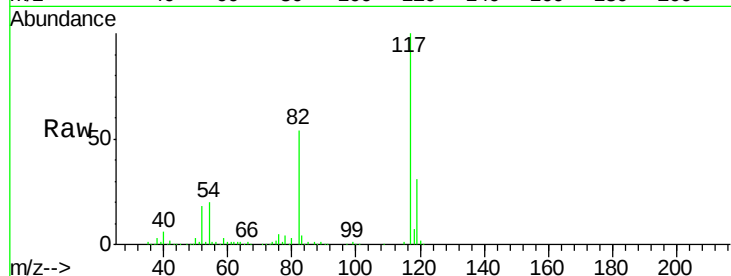




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013125.D
Acq: 18 Sep 2019 20:20

Instrument :
MSVOA_W
ClientSampled :
TP-4

Tot Ion:117 Resp: 350864
Ion Ratio Lower Upper
117 100
82 53.7 46.3 69.5
119 31.0 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW013125.D
Acq: 18 Sep 2019 20:20

Tgt Ion:152 Resp: 140918
Ion Ratio Lower Upper
152 100
115 56.2 28.8 86.4
150 156.9 0.0 340.2

