

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013693.D
 Acq On : 24 Oct 2019 03:58
 Operator : SY/VA
 Sample : K5502-12
 Misc : 6.73G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 179-18-(2.1)

Quant Time: Oct 24 08:46:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	293684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	455580	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	375605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	151606	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	124815	56.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.30%	
35) Dibromofluoromethane	7.88	113	130554	51.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.14%	
50) Toluene-d8	10.32	98	513455	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
62) 4-Bromofluorobenzene	12.62	95	151801	43.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.92%	

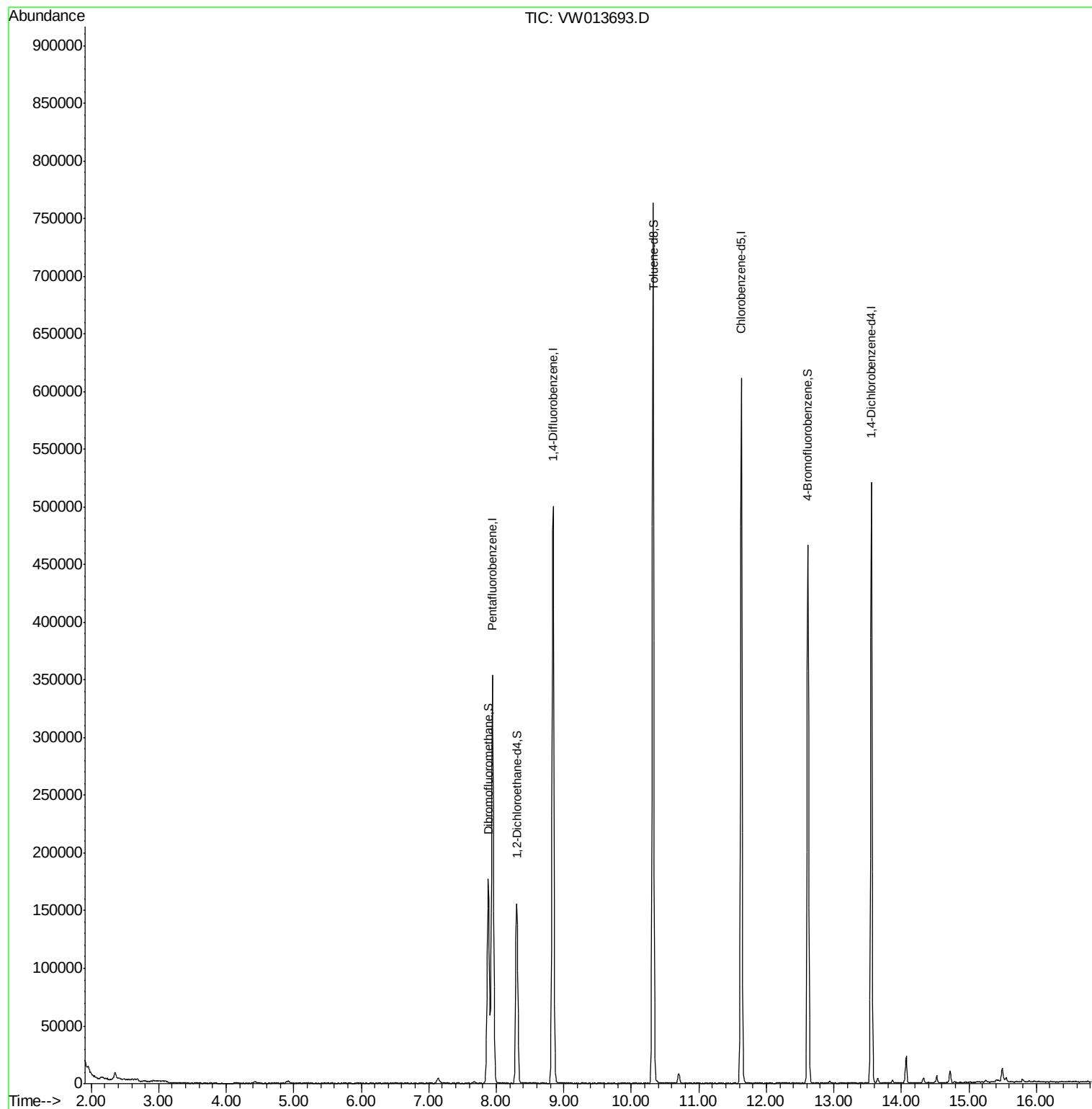
Target Compounds Qvalue

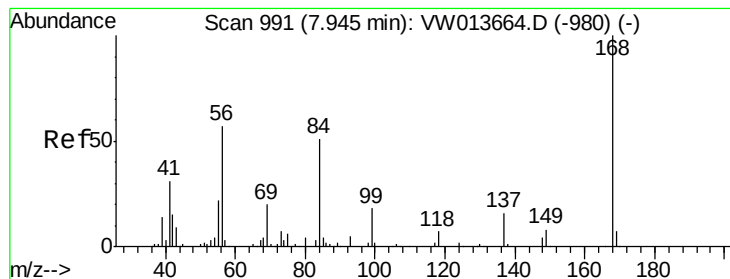
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 23 14:11:46 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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MSVOA_W

ClientSampleId :

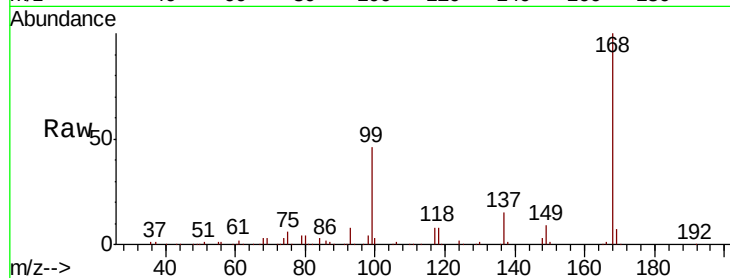
179-18-(2.1)

Tot Ion:168 Resp: 293684

Ion Ratio Lower Upper

168 100

99 46.2 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

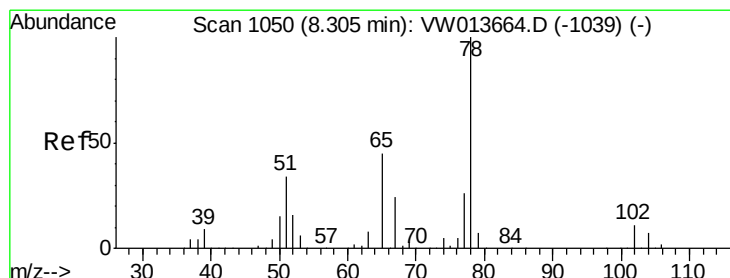
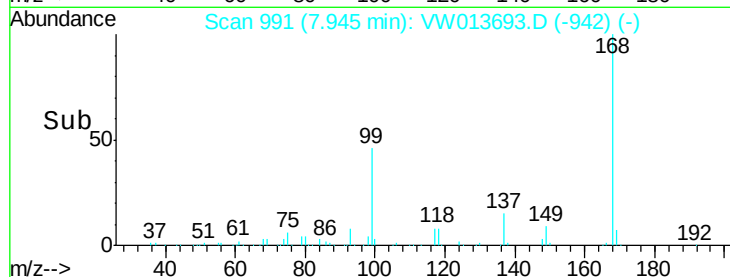
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 56.654 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013693.D

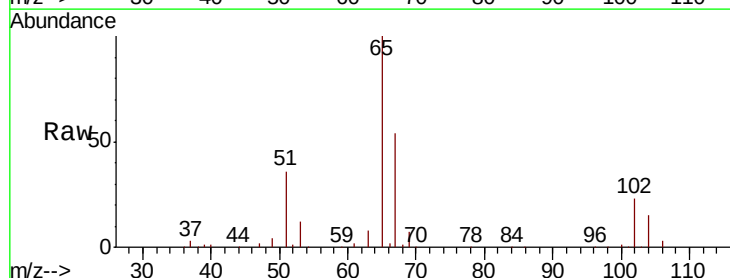
Acq: 24 Oct 2019 03:58

Tgt Ion: 65 Resp: 124815

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

60000

50000

40000

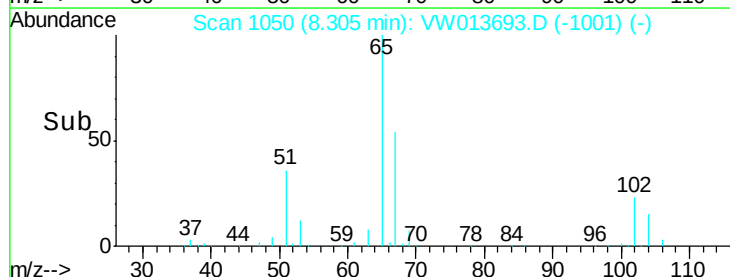
30000

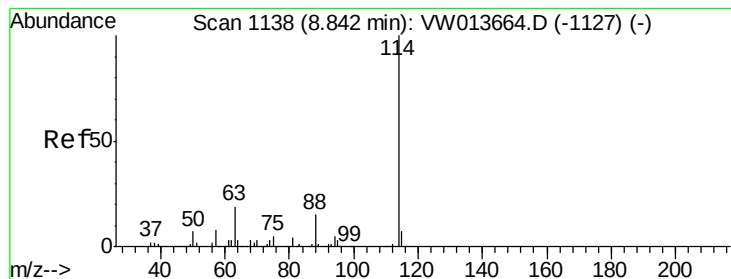
20000

10000

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: VW013693.D

Acq: 24 Oct 2019 03:58

Instrument :

MSVOA_W

ClientSampleId :

179-18-(2.1)

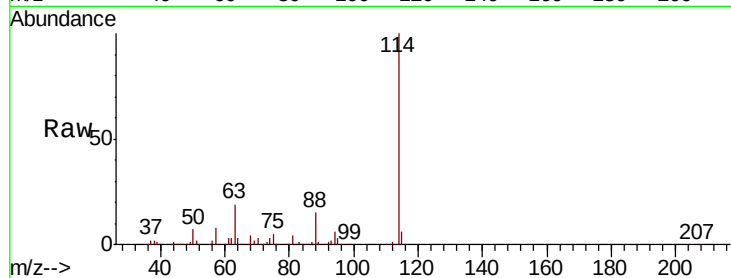
Tot Ion:114 Resp: 455580

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.6

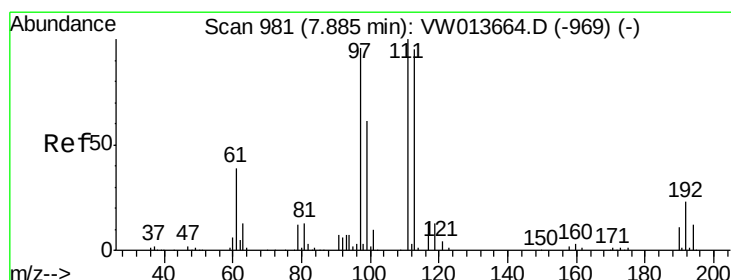
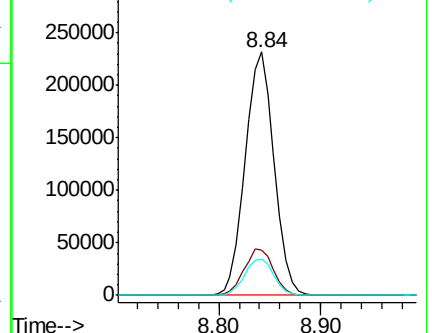
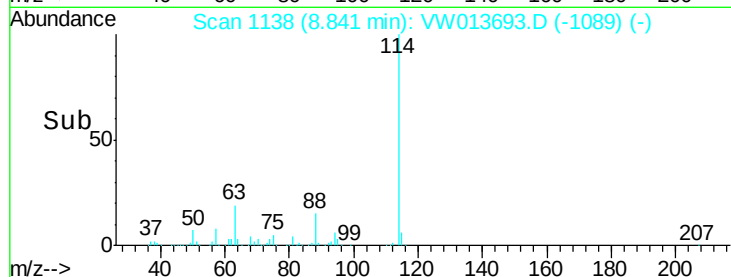
88 15.0 0.0 30.2



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: 51.573 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW013693.D

Acq: 24 Oct 2019 03:58

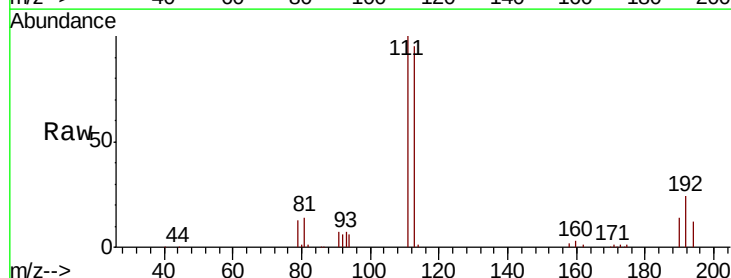
Tgt Ion:113 Resp: 130554

Ion Ratio Lower Upper

113 100

111 104.8 83.0 124.6

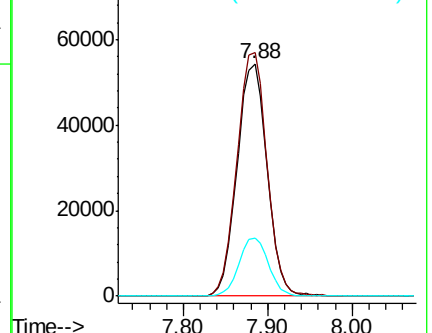
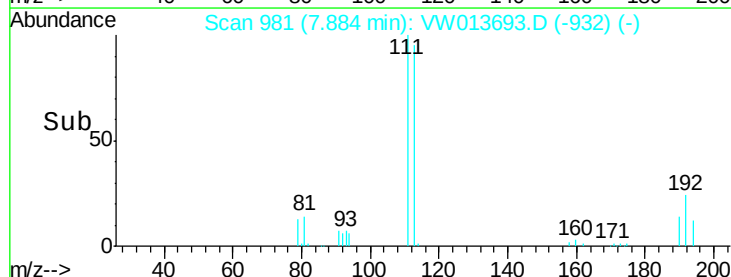
192 24.6 19.4 29.2

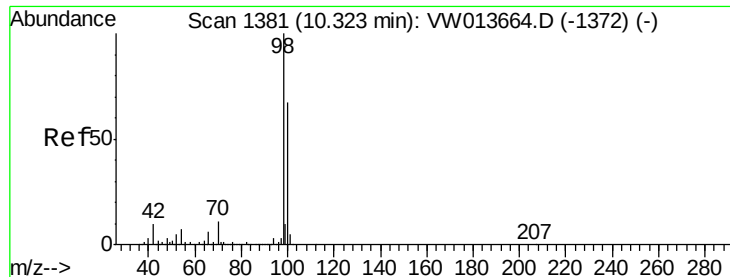


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.777 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013693.D

Acq: 24 Oct 2019 03:58

Instrument :

MSVOA_W

ClientSampleId :

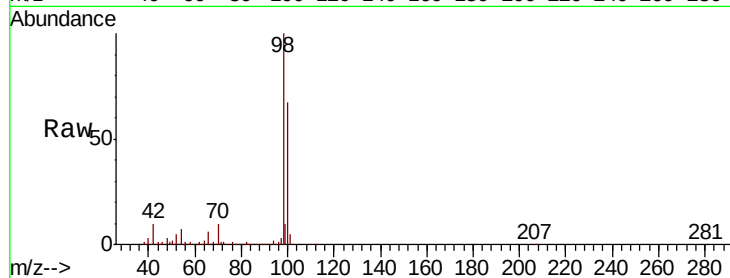
179-18-(2.1)

Tot Ion: 98 Resp: 513455

Ion Ratio Lower Upper

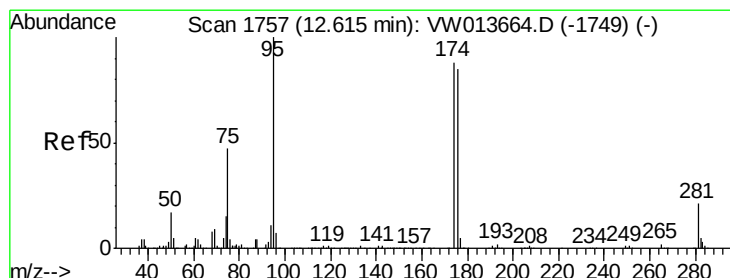
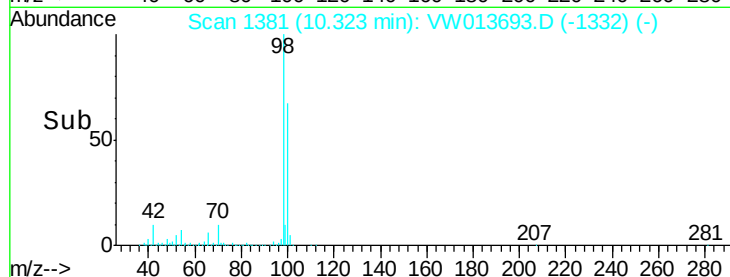
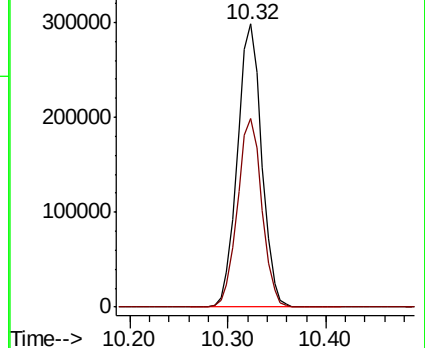
98 100

100 66.9 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 43.462 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013693.D

Acq: 24 Oct 2019 03:58

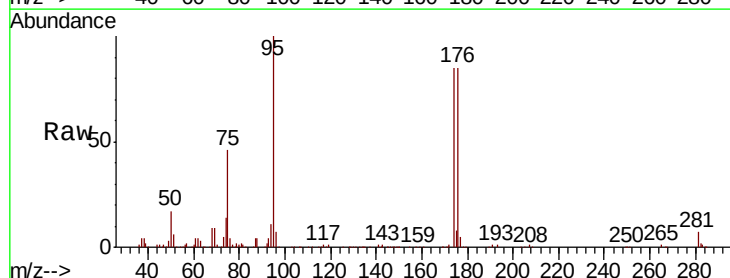
Tgt Ion: 95 Resp: 151801

Ion Ratio Lower Upper

95 100

174 92.2 0.0 183.6

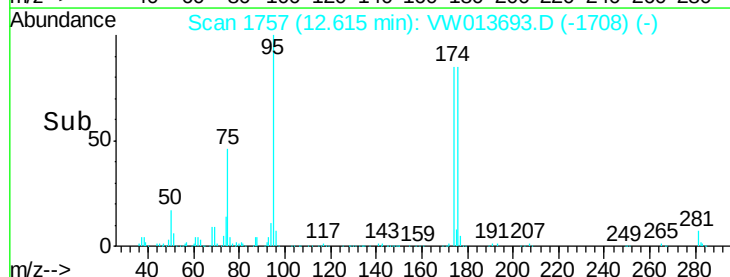
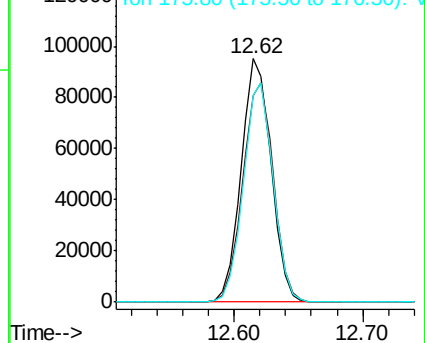
176 89.5 0.0 178.0

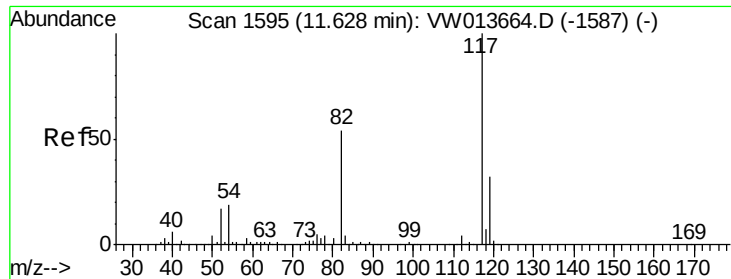


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

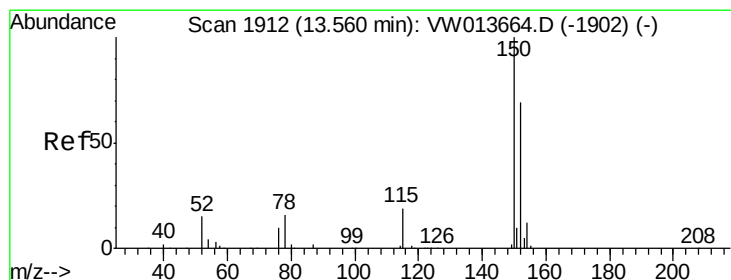
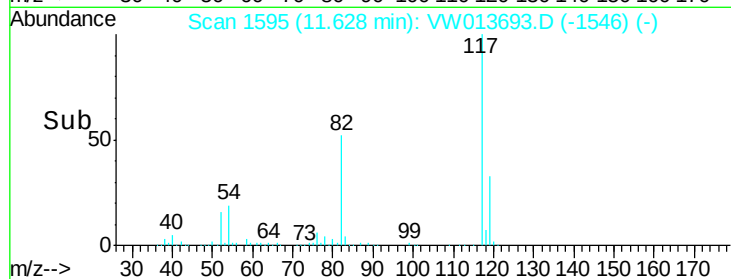
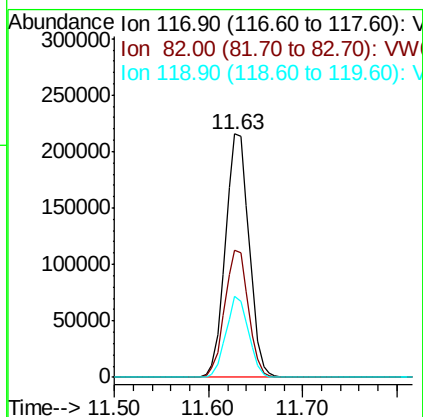
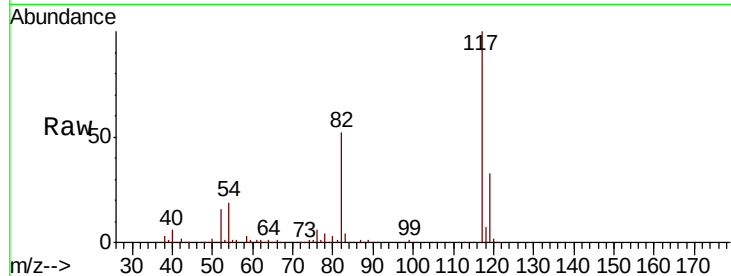




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013693.D
Acq: 24 Oct 2019 03:58

Instrument :
MSVOA_W
ClientSampleId :
179-18-(2.1)

Tot Ion:117 Resp: 375605
Ion Ratio Lower Upper
117 100
82 52.3 43.6 65.4
119 33.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013693.D
Acq: 24 Oct 2019 03:58

Tgt Ion:152 Resp: 151606
Ion Ratio Lower Upper
152 100
115 53.9 27.4 82.2
150 155.4 0.0 345.4

