

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091019\
 Data File : VW012873.D
 Acq On : 10 Sep 2019 16:24
 Operator : SY/VA
 Sample : K4692-03
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-31-10.5-11.0

Quant Time: Sep 10 18:17:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

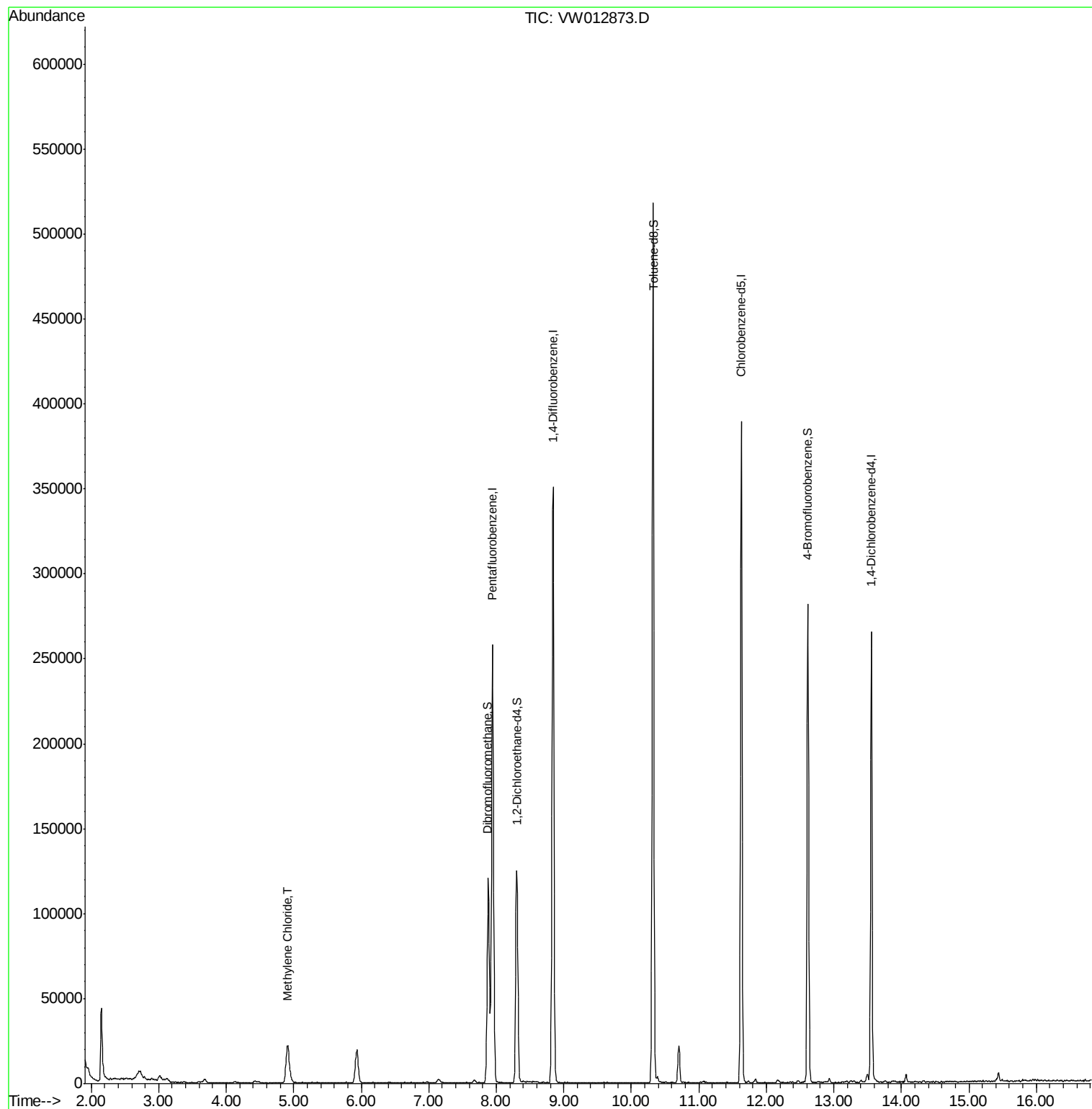
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	196083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	288250	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	217380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	69931	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	104168	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
35) Dibromofluoromethane	7.88	113	86162	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
50) Toluene-d8	10.32	98	333881	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.46%	
62) 4-Bromofluorobenzene	12.62	95	85534	35.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.18%	
Target Compounds						
20) Methylene Chloride	4.92	84	17708	9.477	ug/l	Qvalue 90

(#) = 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: VW012873.D

Acq: 10 Sep 2019 16:24

Instrument :

MSVOA_W

ClientSampleId :

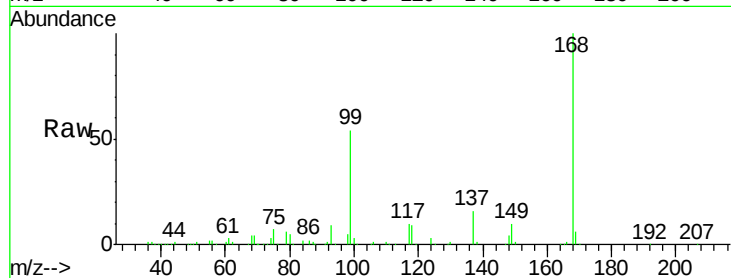
SB-31-10.5-11.0

Tot Ion:168 Resp: 196083

Ion Ratio Lower Upper

168 100

99 54.3 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

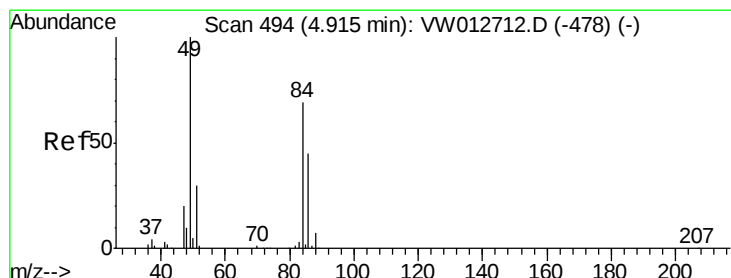
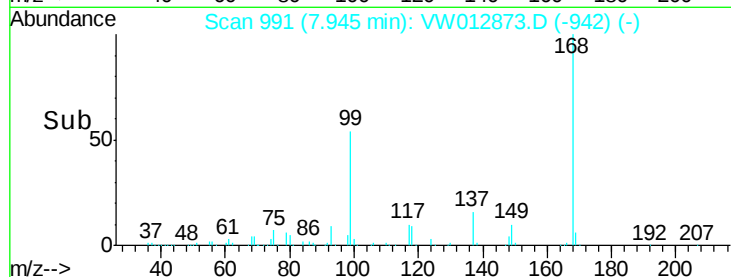
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#20

Methylene Chloride

Concen: 9.477 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW012873.D

Acq: 10 Sep 2019 16:24

Tgt Ion: 84 Resp: 17708

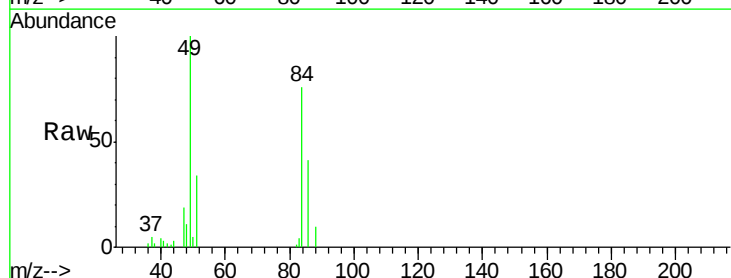
Ion Ratio Lower Upper

84 100

49 132.1 115.4 173.0

51 45.5 34.9 52.3

86 54.0 52.2 78.4



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

4.92

10000

8000

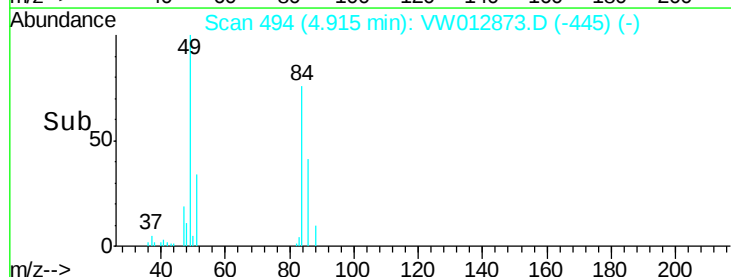
6000

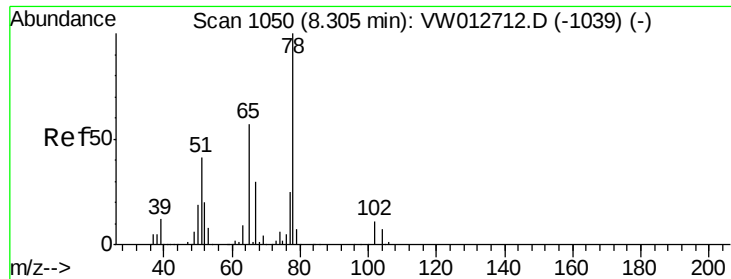
4000

2000

0

Time--> 4.80 4.90 5.00

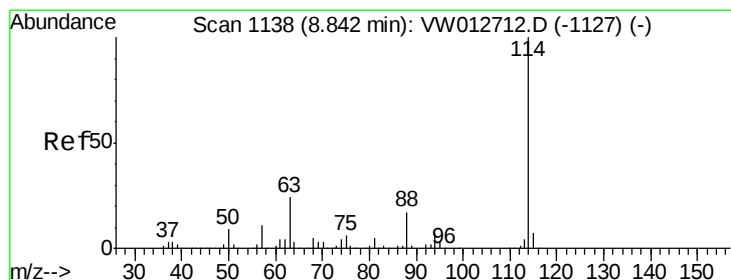
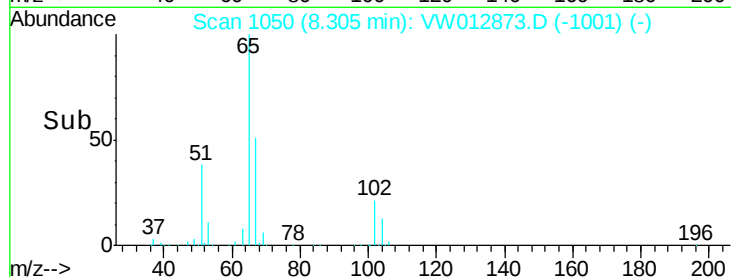
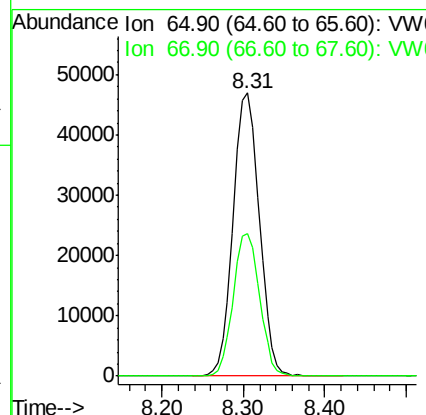
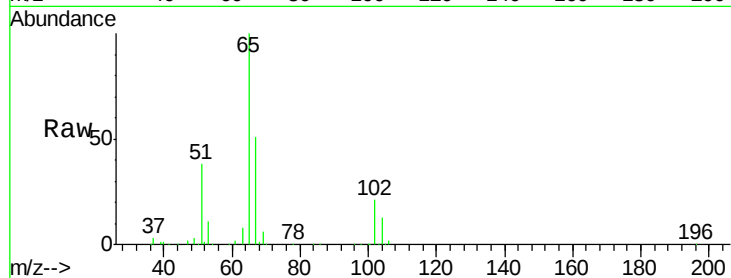




#33
 1,2-Dichloroethane-d4
 Concen: 47.546 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012873.D
 Acq: 10 Sep 2019 16:24

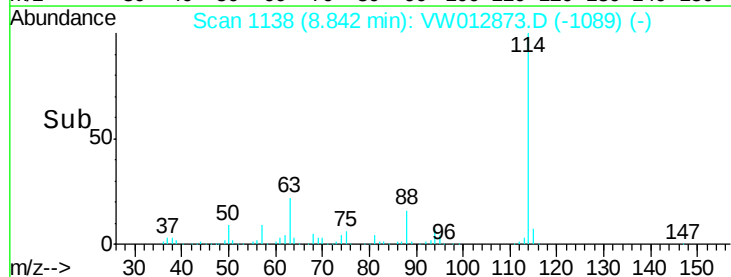
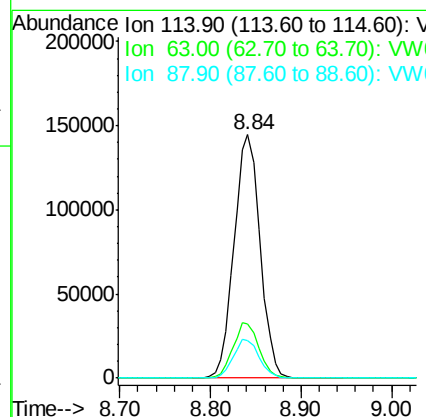
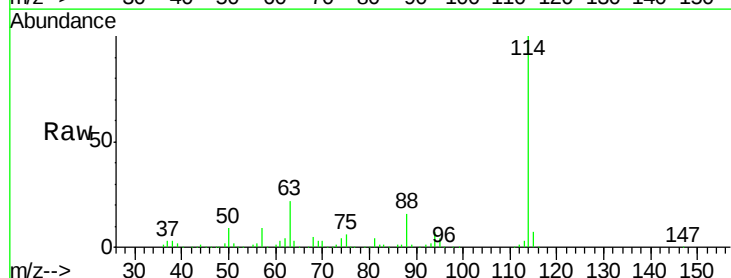
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-31-10.5-11.0

Tot Ion: 65 Resp: 104168
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012873.D
 Acq: 10 Sep 2019 16:24

Tgt Ion: 114 Resp: 288250
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 47.2
 88 15.6 0.0 34.0





#35

Dibromofluoromethane

Concen: 50.278 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012873.D

Acq: 10 Sep 2019 16:24

Instrument :

MSVOA_W

ClientSampleId :

SB-31-10.5-11.0

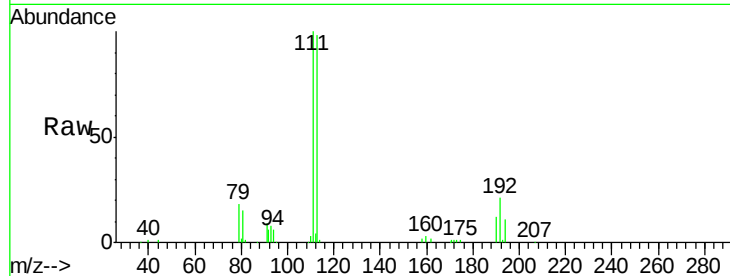
Tot Ion:113 Resp: 86162

Ion Ratio Lower Upper

113 100

111 104.0 80.2 120.4

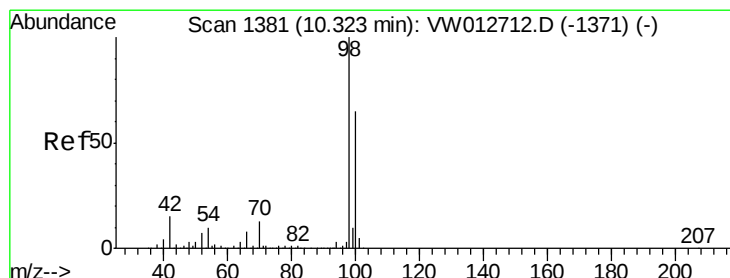
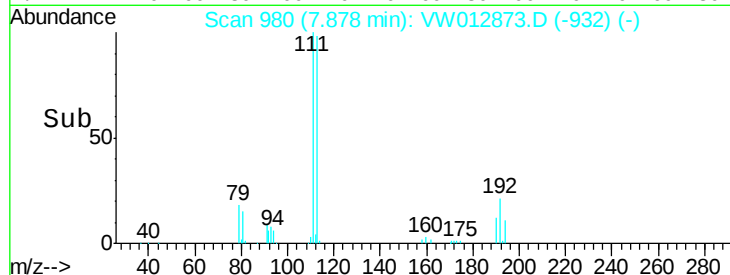
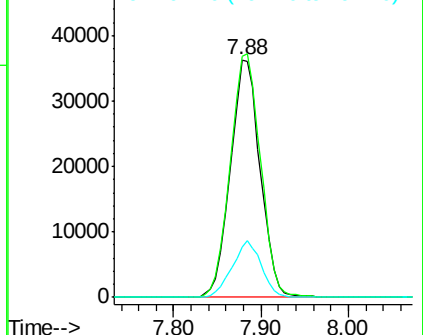
192 23.2 17.3 25.9



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: 49.729 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012873.D

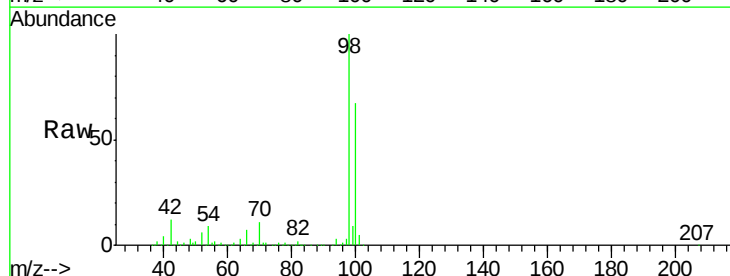
Acq: 10 Sep 2019 16:24

Tgt Ion: 98 Resp: 333881

Ion Ratio Lower Upper

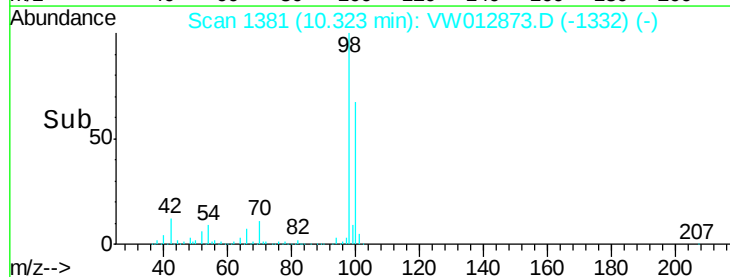
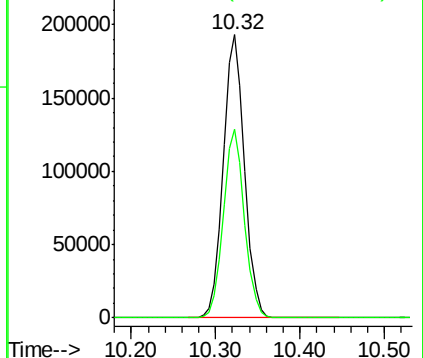
98 100

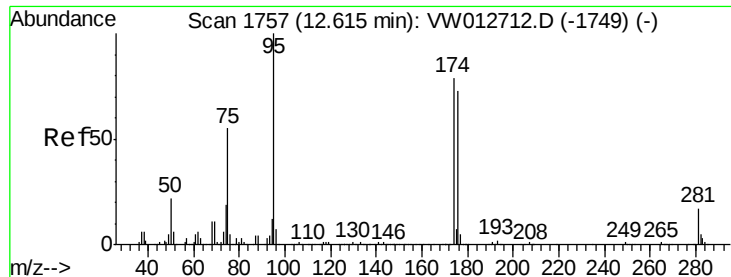
100 66.1 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

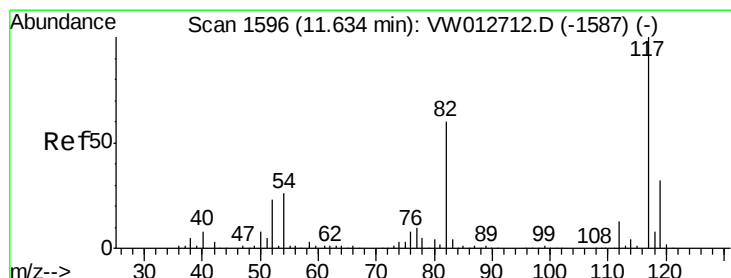
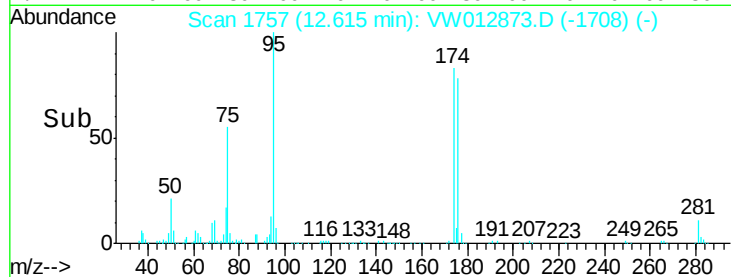
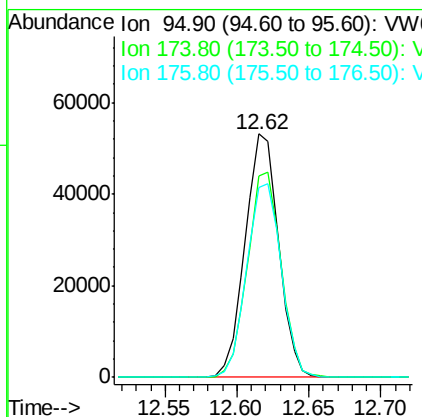
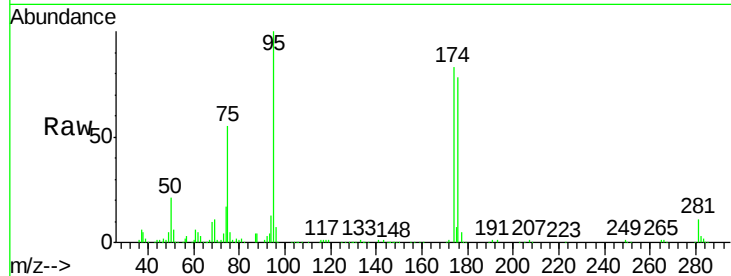




#62
4-Bromofluorobenzene
Concen: 35.093 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012873.D
Acq: 10 Sep 2019 16:24

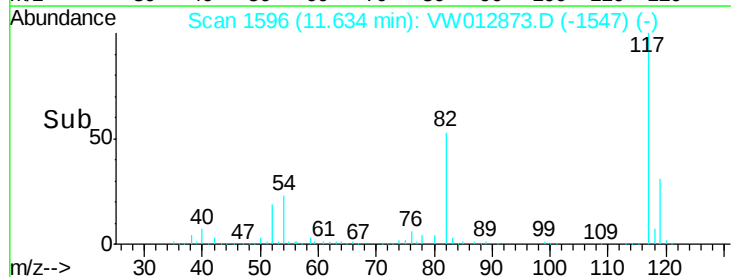
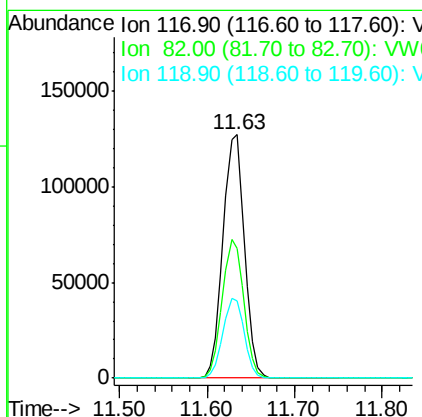
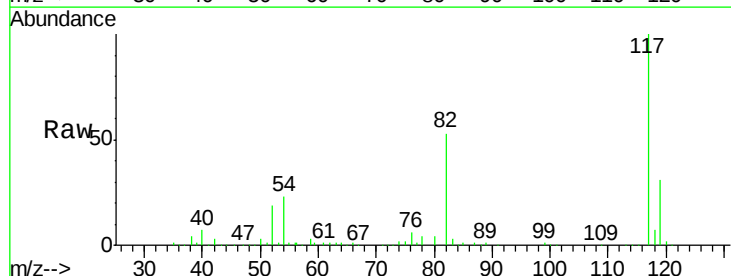
Instrument :
MSVOA_W
ClientSampleId :
SB-31-10.5-11.0

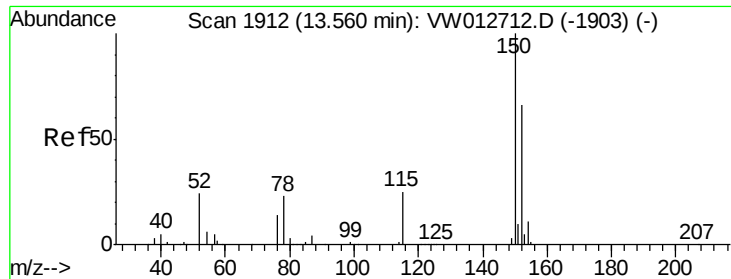
Tot Ion: 95 Resp: 85534
Ion Ratio Lower Upper
95 100
174 84.4 0.0 161.0
176 82.1 0.0 156.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW012873.D
Acq: 10 Sep 2019 16:24

Tgt Ion: 117 Resp: 217380
Ion Ratio Lower Upper
117 100
82 53.3 48.2 72.4
119 31.5 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW012873.D

Acq: 10 Sep 2019 16:24

Instrument :

MSVOA_W

ClientSampleId :

SB-31-10.5-11.0

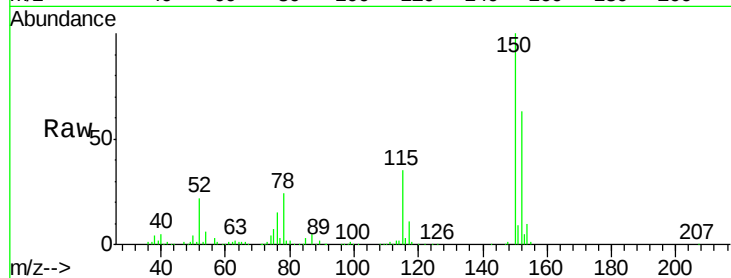
Tot Ion:152 Resp: 69931

Ion Ratio Lower Upper

152 100

115 58.5 30.0 90.1

150 156.7 0.0 349.0



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

