

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051019\
 Data File : VW010364.D
 Acq On : 10 May 2019 18:59
 Operator : SY/VA
 Sample : K2718-07
 Misc : 5.24G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS005-1824-01

Quant Time: May 11 00:05:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 03:41:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	11602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	13238	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	5920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	791	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	5232	42.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.84%	
35) Dibromofluoromethane	7.88	113	4989	64.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.80%	
50) Toluene-d8	10.33	98	9595	30.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.84%	
62) 4-Bromofluorobenzene	12.63	95	1140	10.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.54%	

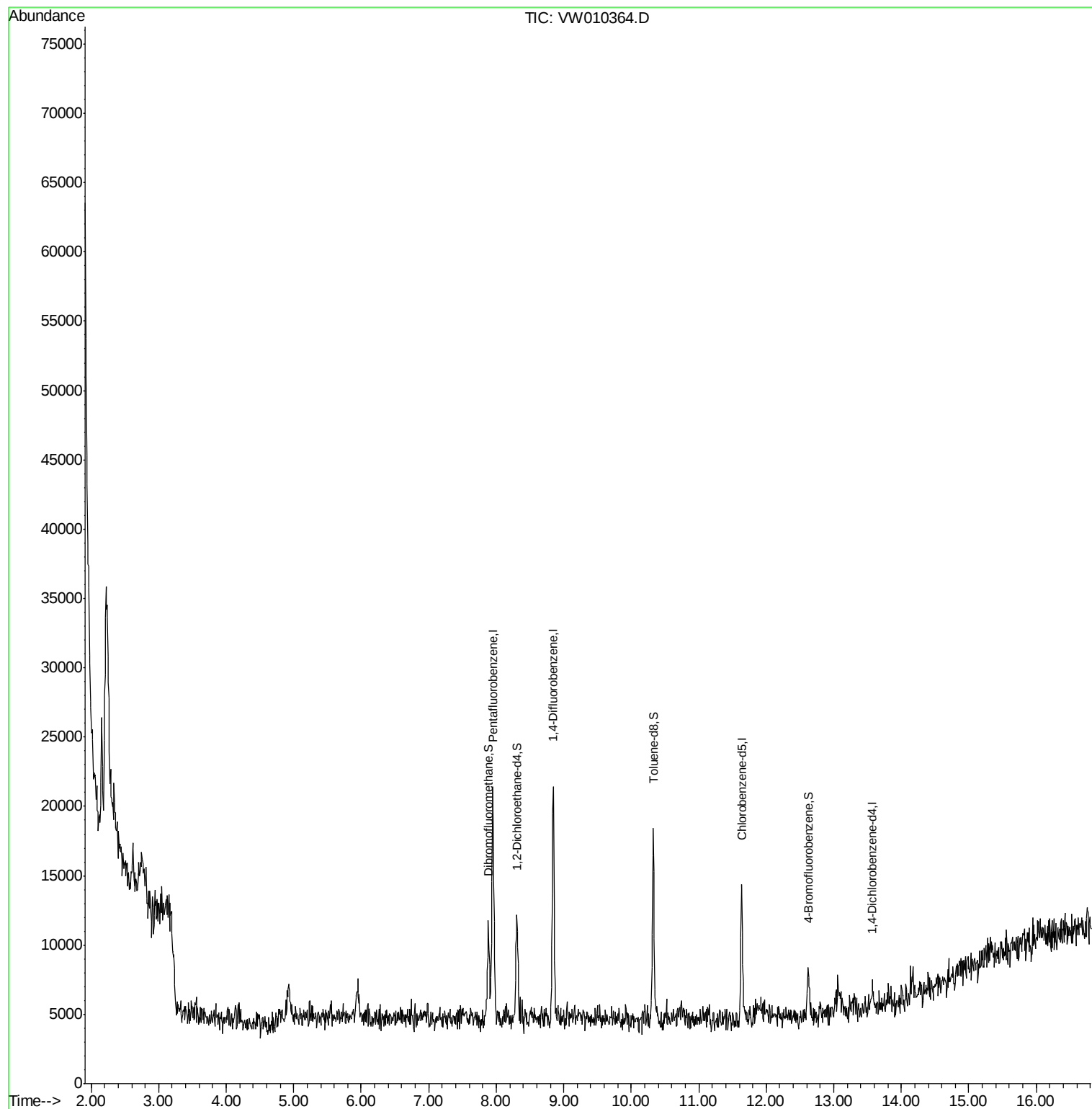
Target Compounds	Qvalue
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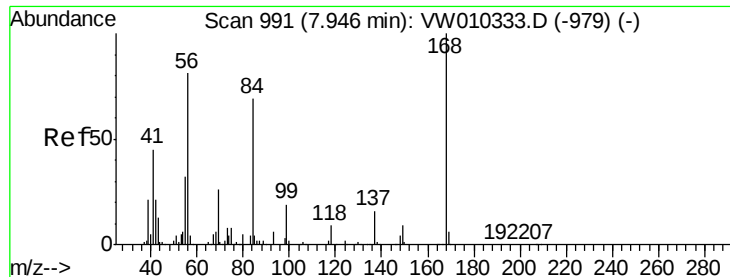
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010364.D

Acq: 10 May 2019 18:59

Instrument :

MSVOA_W

ClientSampleId :

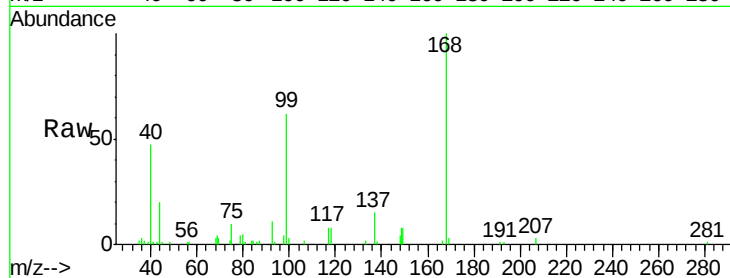
P026-SS005-1824-01

Tot Ion:168 Resp: 11602

Ion Ratio Lower Upper

168 100

99 62.1 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

6000

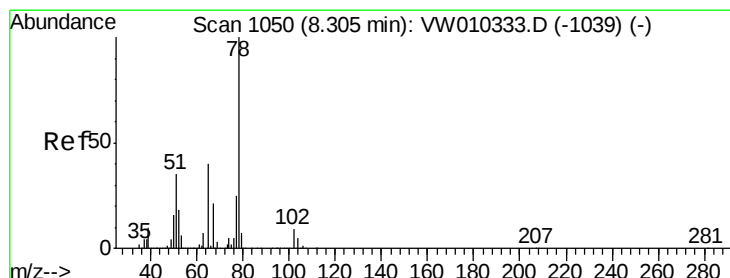
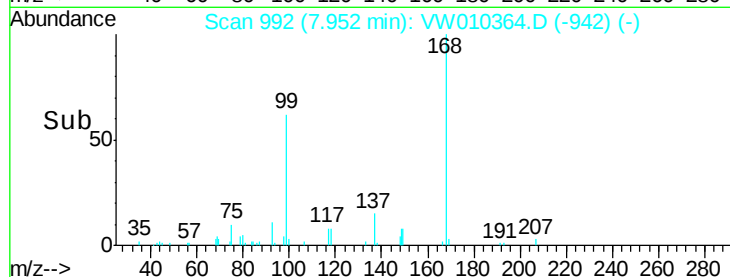
4000

2000

0

Time-->

7.85 7.90 7.95 8.00



#33

1,2-Dichloroethane-d4

Concen: 42.418 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VW010364.D

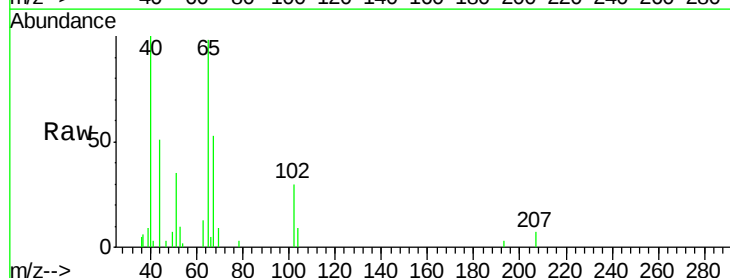
Acq: 10 May 2019 18:59

Tgt Ion: 65 Resp: 5232

Ion Ratio Lower Upper

65 100

67 55.7 0.0 100.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

2500

2000

1500

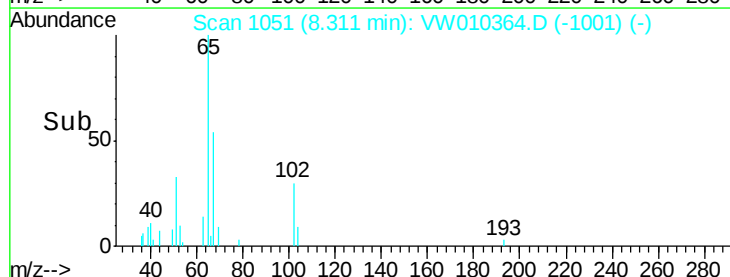
1000

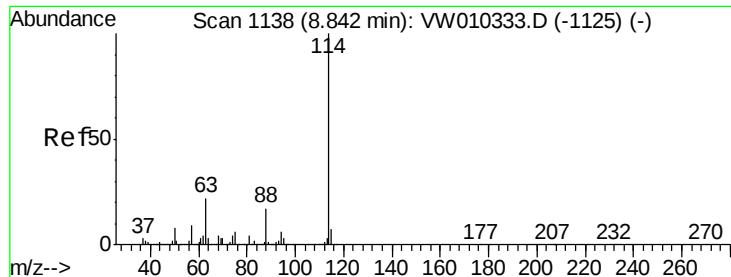
500

0

Time-->

8.20 8.25 8.30 8.35





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW010364.D

Acq: 10 May 2019 18:59

Instrument :

MSVOA_W

ClientSampleId :

P026-SS005-1824-01

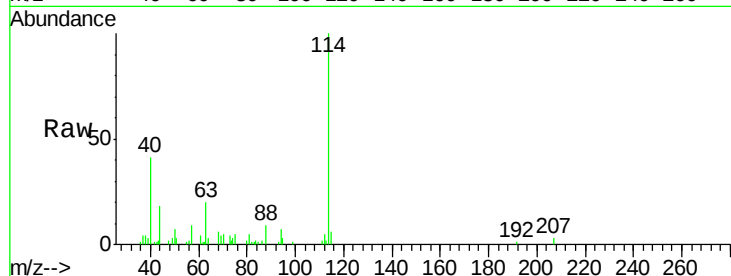
Tot Ion:114 Resp: 13238

Ion Ratio Lower Upper

114 100

63 20.4 0.0 46.2

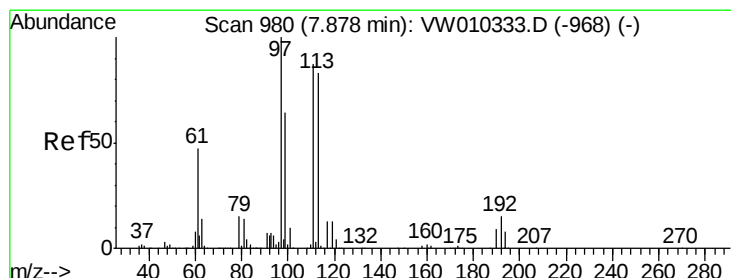
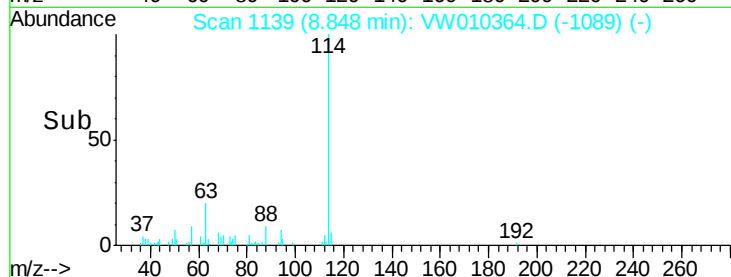
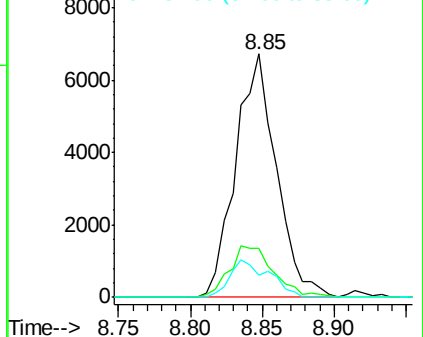
88 9.0 0.0 32.6



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: 64.401 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW010364.D

Acq: 10 May 2019 18:59

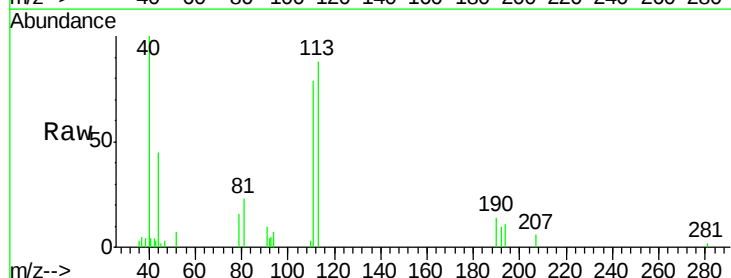
Tgt Ion:113 Resp: 4989

Ion Ratio Lower Upper

113 100

111 99.6 82.6 123.8

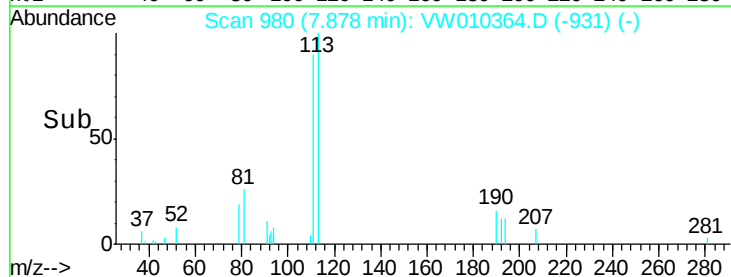
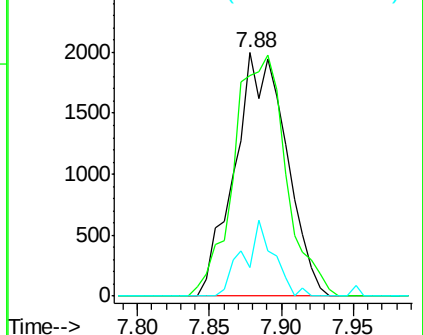
192 18.3 15.4 23.2

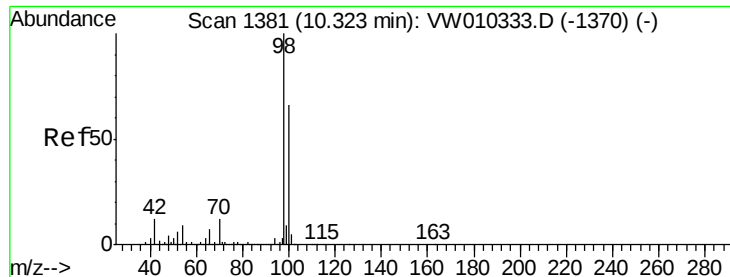


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 30.417 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW010364.D

Acq: 10 May 2019 18:59

Instrument :

MSVOA_W

ClientSampleId :

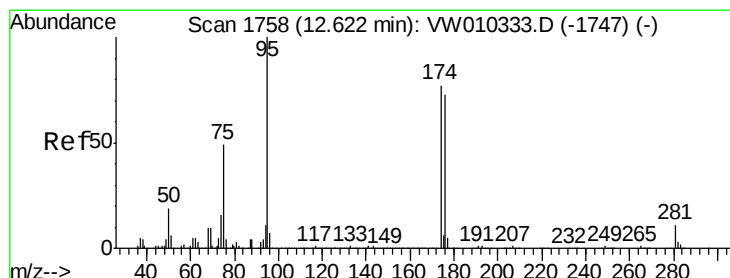
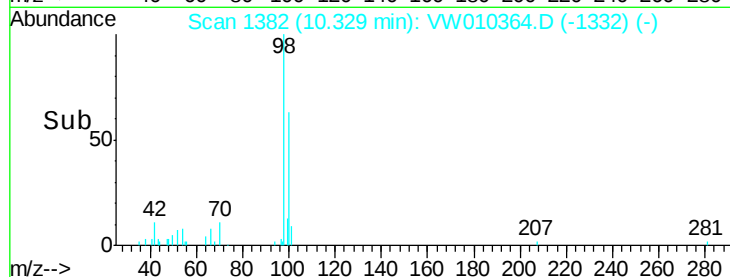
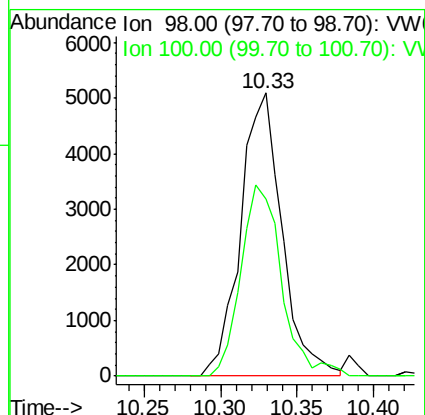
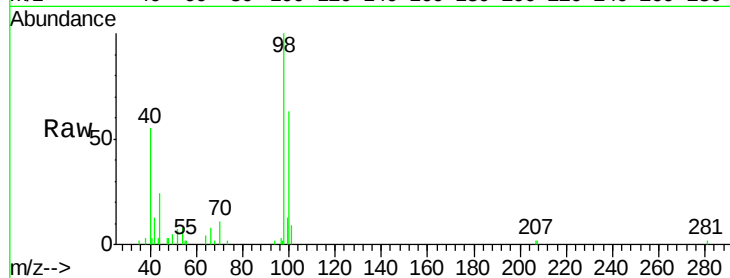
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Tot Ion: 98 Resp: 9595

Ion Ratio Lower Upper

98 100

100 66.5 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 10.267 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW010364.D

Acq: 10 May 2019 18:59

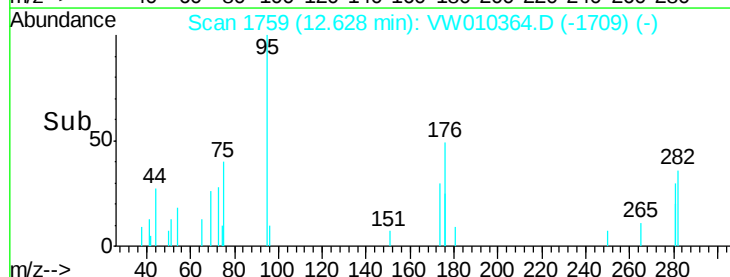
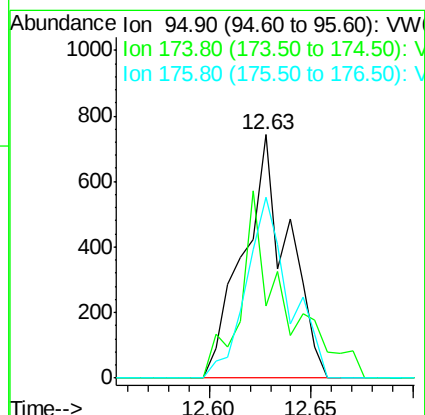
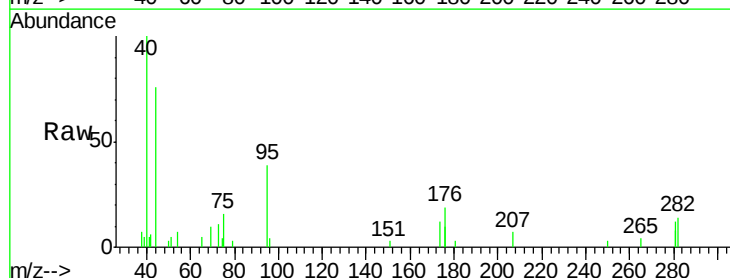
Tgt Ion: 95 Resp: 1140

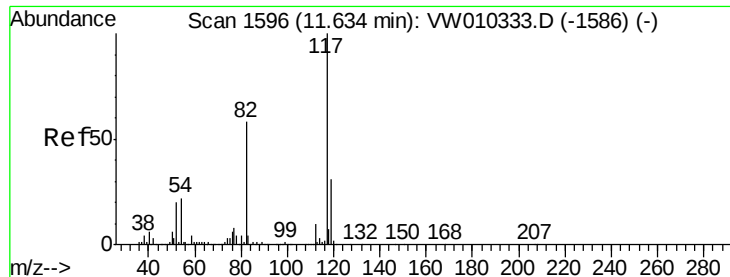
Ion Ratio Lower Upper

95 100

174 72.5 0.0 151.4

176 71.1 0.0 146.2

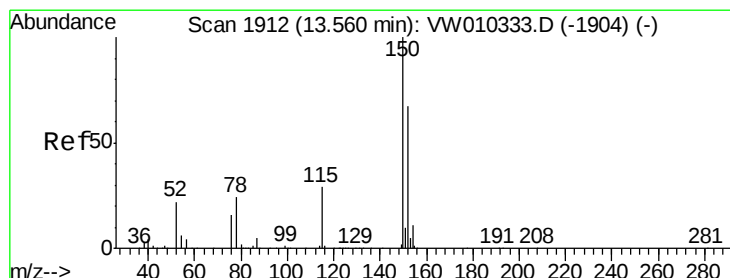
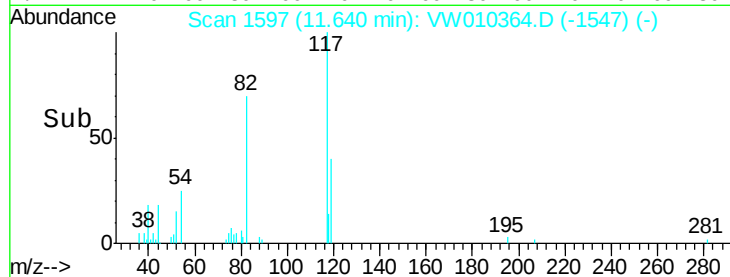
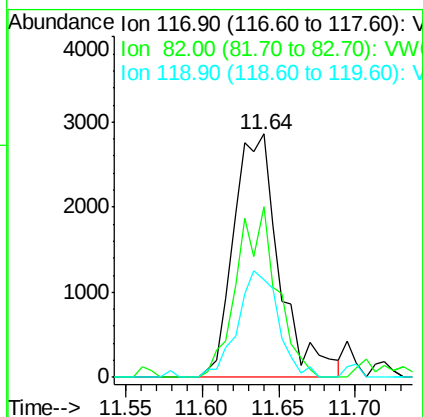
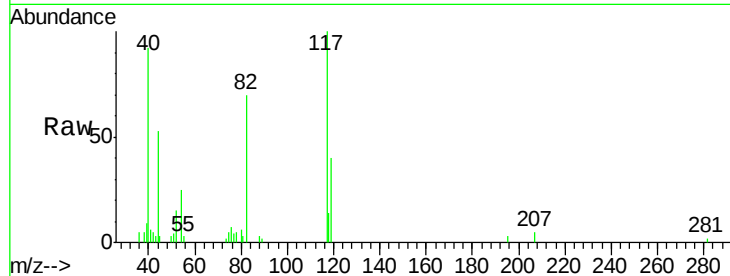




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW010364.D
Acq: 10 May 2019 18:59

Instrument :
MSVOA_W
ClientSampleId :
P026-SS005-1824-01

Tot Ion:117 Resp: 5920
Ion Ratio Lower Upper
117 100
82 70.2 45.2 67.8#
119 40.4 25.4 38.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1914
Delta R.T. 0.01 min
Lab File: VW010364.D
Acq: 10 May 2019 18:59

Tgt Ion:152 Resp: 791
Ion Ratio Lower Upper
152 100
115 31.7 30.4 91.2
150 125.7 0.0 347.0

