

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011419\
 Data File : VW008272.D
 Acq On : 15 Jan 2019 04:30
 Operator : SY/VA
 Sample : K1139-17RE
 Misc : 3.50G/5ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-9RE

Quant Time: Jan 15 11:36:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	57227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	107069	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	74595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	14963	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	41384	64.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.68%	
35) Dibromofluoromethane	7.88	113	38595	61.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.60%	
50) Toluene-d8	10.33	98	131730	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.54%	
62) 4-Bromofluorobenzene	12.62	95	21804	23.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	46.42%	

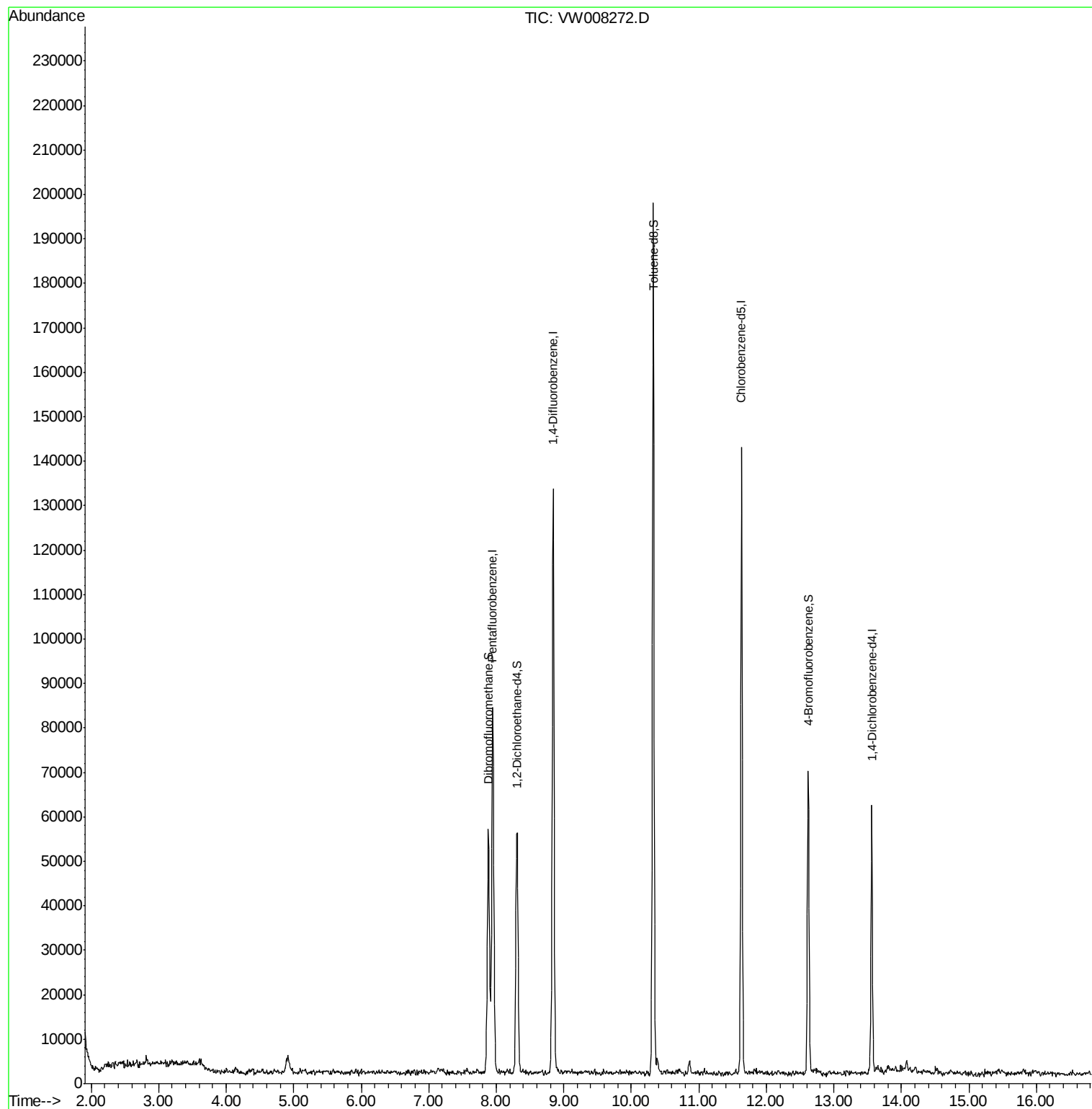
Target Compounds	Qvalue
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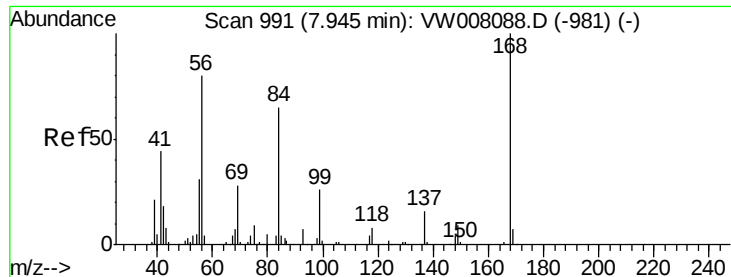
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008272.D

Acq: 15 Jan 2019 04:30

Instrument :

MSVOA_W

ClientSampled :

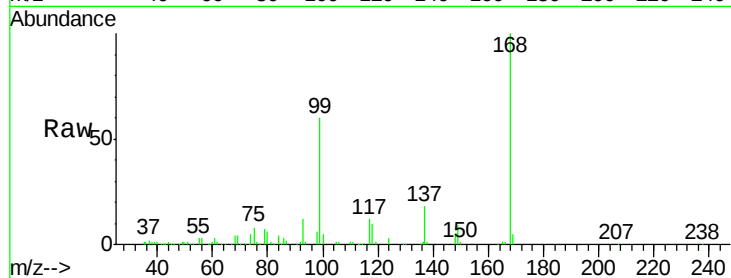
S-9RE

Tot Ion:168 Resp: 57227

Ion Ratio Lower Upper

168 100

99 60.5 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

25000

20000

15000

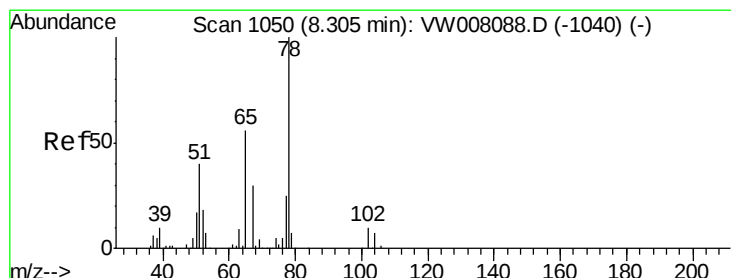
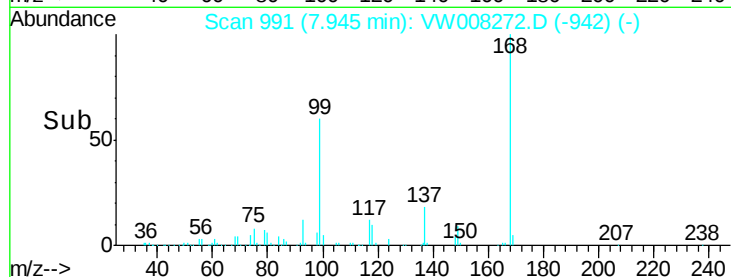
10000

5000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 64.343 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008272.D

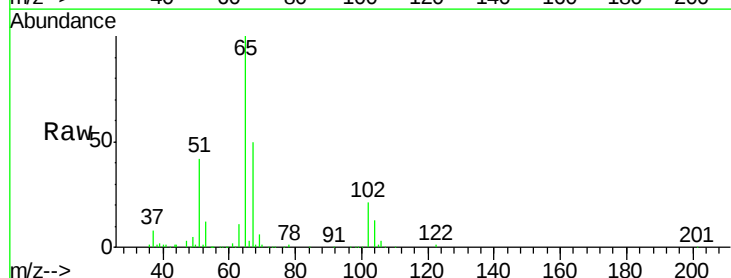
Acq: 15 Jan 2019 04:30

Tgt Ion: 65 Resp: 41384

Ion Ratio Lower Upper

65 100

67 51.7 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

20000

15000

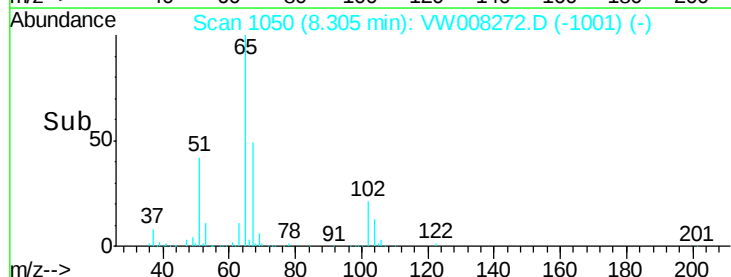
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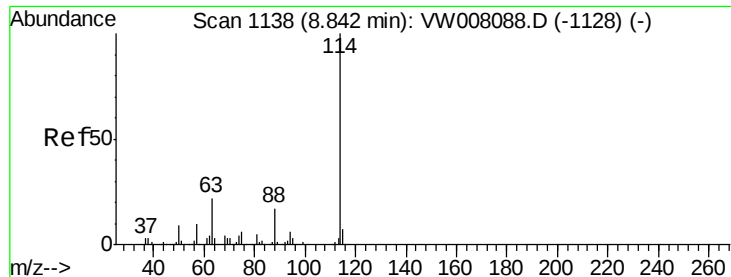
5000

0

8.20 8.25 8.30 8.35 8.40

Time-->

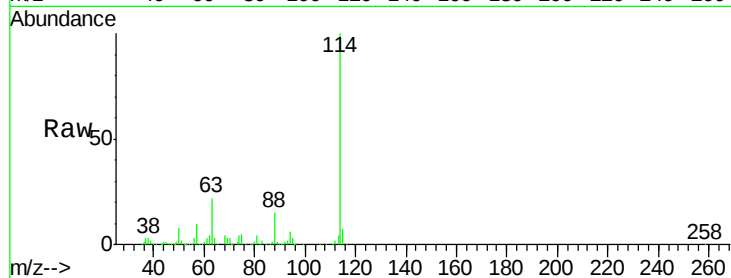




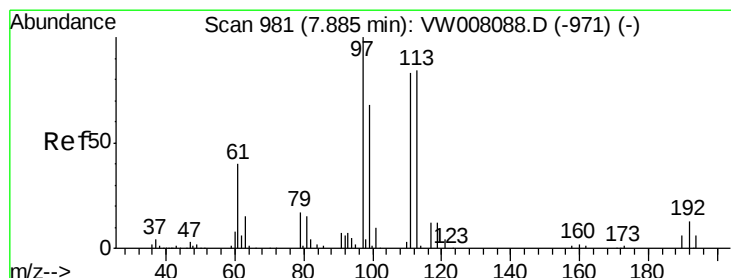
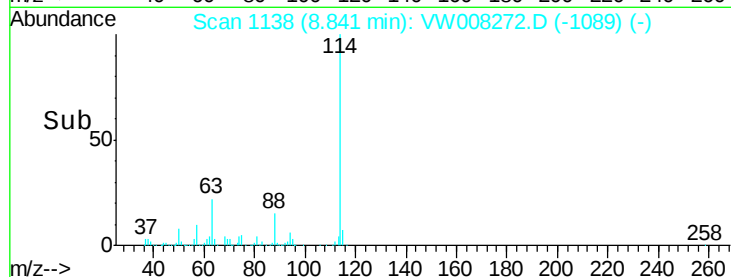
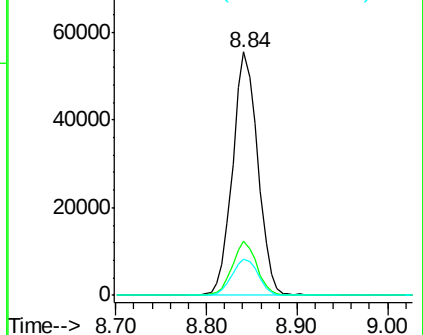
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008272.D
 Acq: 15 Jan 2019 04:30

Instrument :
 MSVOA_W
 ClientSampleId :
 S-9RE

Tot Ion:114 Resp: 107069
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 43.4
 88 14.7 0.0 33.4

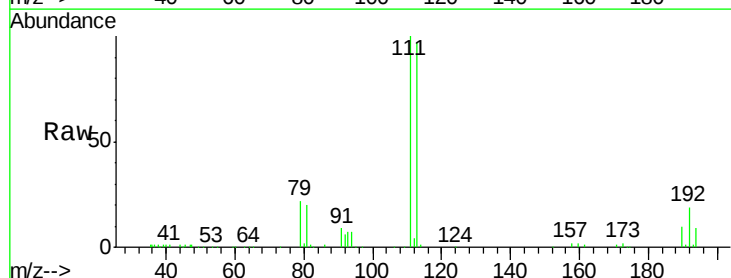


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

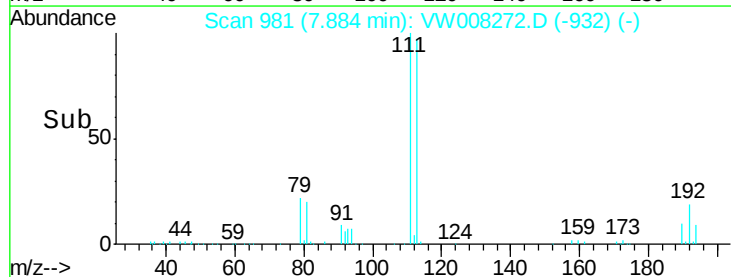
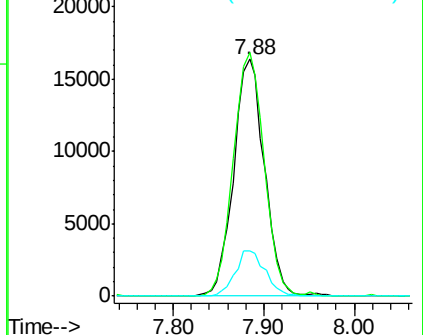


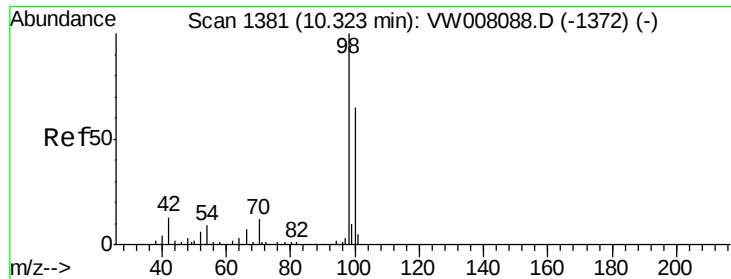
#35
 Dibromofluoromethane
 Concen: 61.805 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008272.D
 Acq: 15 Jan 2019 04:30

Tgt Ion:113 Resp: 38595
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.8 122.8
 192 18.5 12.8 19.2



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: 50.269 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW008272.D

Acq: 15 Jan 2019 04:30

Instrument :

MSVOA_W

ClientSampled :

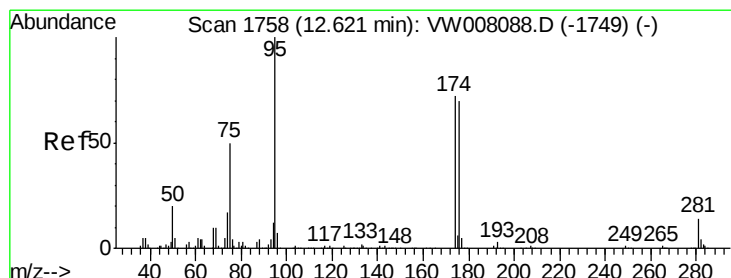
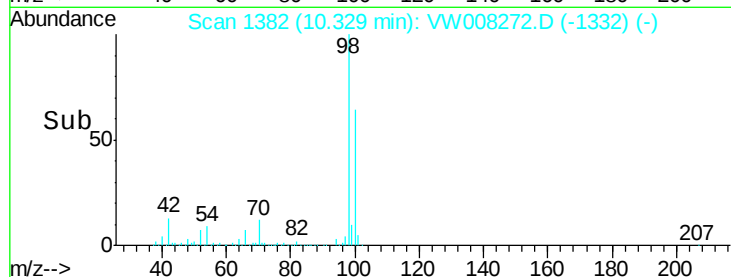
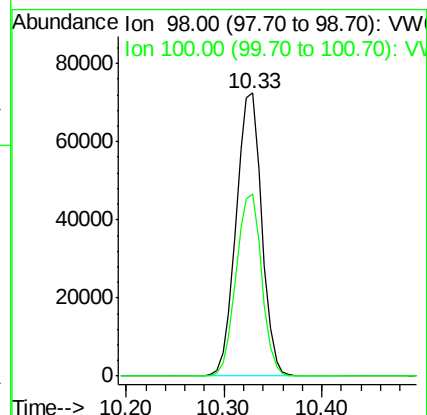
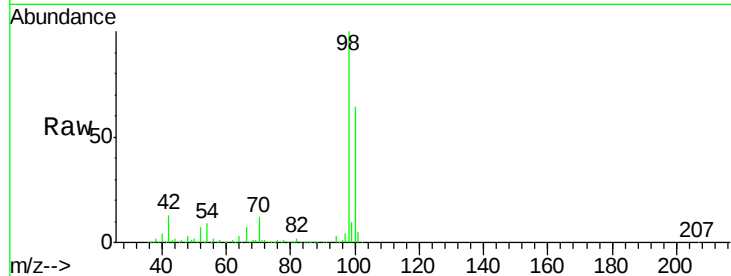
S-9RE

Tot Ion: 98 Resp: 131730

Ion Ratio Lower Upper

98 100

100 64.3 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 23.209 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008272.D

Acq: 15 Jan 2019 04:30

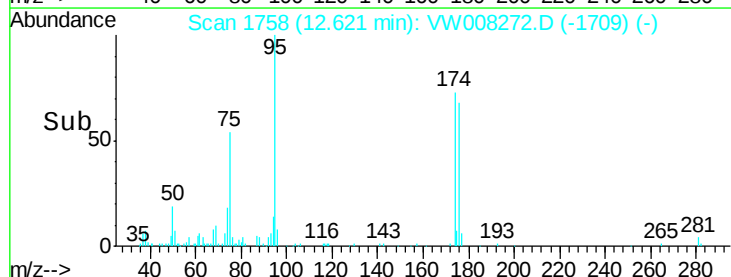
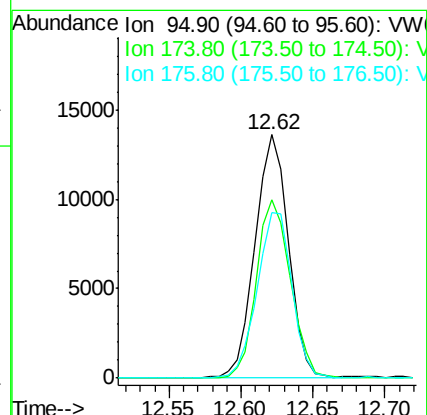
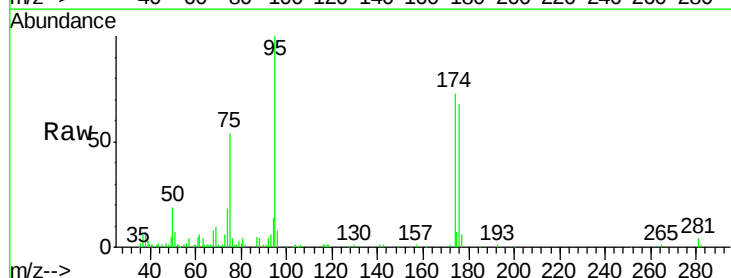
Tgt Ion: 95 Resp: 21804

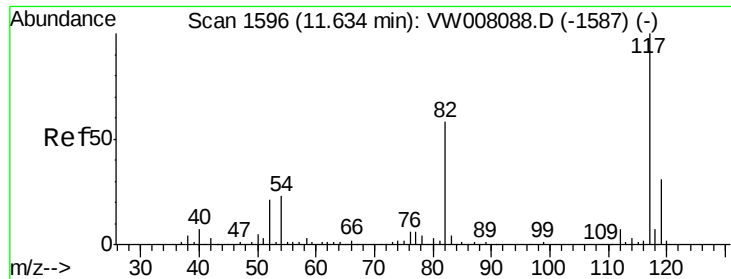
Ion Ratio Lower Upper

95 100

174 74.5 0.0 143.0

176 71.3 0.0 140.2

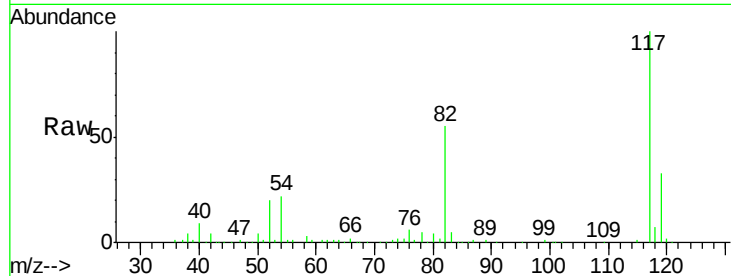




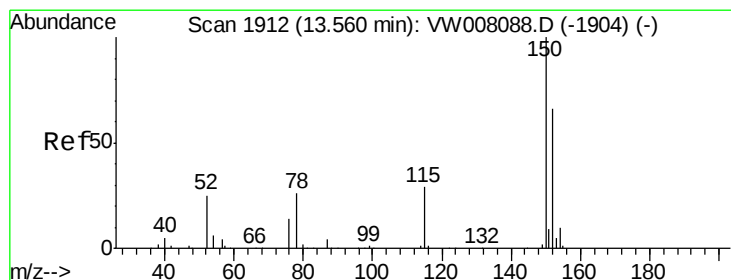
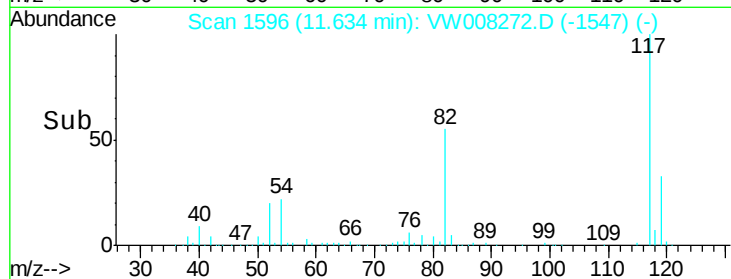
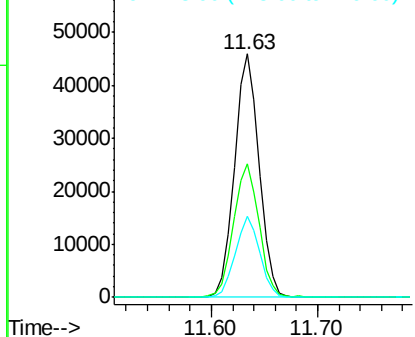
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008272.D
Acq: 15 Jan 2019 04:30

Instrument :
MSVOA_W
ClientSampleId :
S-9RE

Tot Ion:117 Resp: 74595
Ion Ratio Lower Upper
117 100
82 55.0 46.4 69.6
119 33.1 24.7 37.1

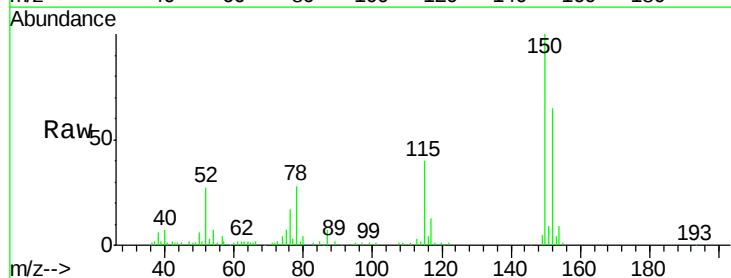


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008272.D
Acq: 15 Jan 2019 04:30

Tgt Ion:152 Resp: 14963
Ion Ratio Lower Upper
152 100
115 61.4 30.8 92.4
150 157.9 0.0 350.2



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

