

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011419\
 Data File : VW008242.D
 Acq On : 14 Jan 2019 13:04
 Operator : SY/VA
 Sample : K1131-01
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DGA-01-011019

Quant Time: Jan 14 21:30:33 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	98855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	172795	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	156627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	72712	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	57999	52.20	ug/l	0.00
Spiked Amount			Recovery	=	104.40%	
35) Dibromofluoromethane	7.88	113	55377	54.95	ug/l	0.00
Spiked Amount			Recovery	=	109.90%	
50) Toluene-d8	10.32	98	213973	50.59	ug/l	0.00
Spiked Amount			Recovery	=	101.18%	
62) 4-Bromofluorobenzene	12.62	95	71128	46.91	ug/l	0.00
Spiked Amount			Recovery	=	93.82%	

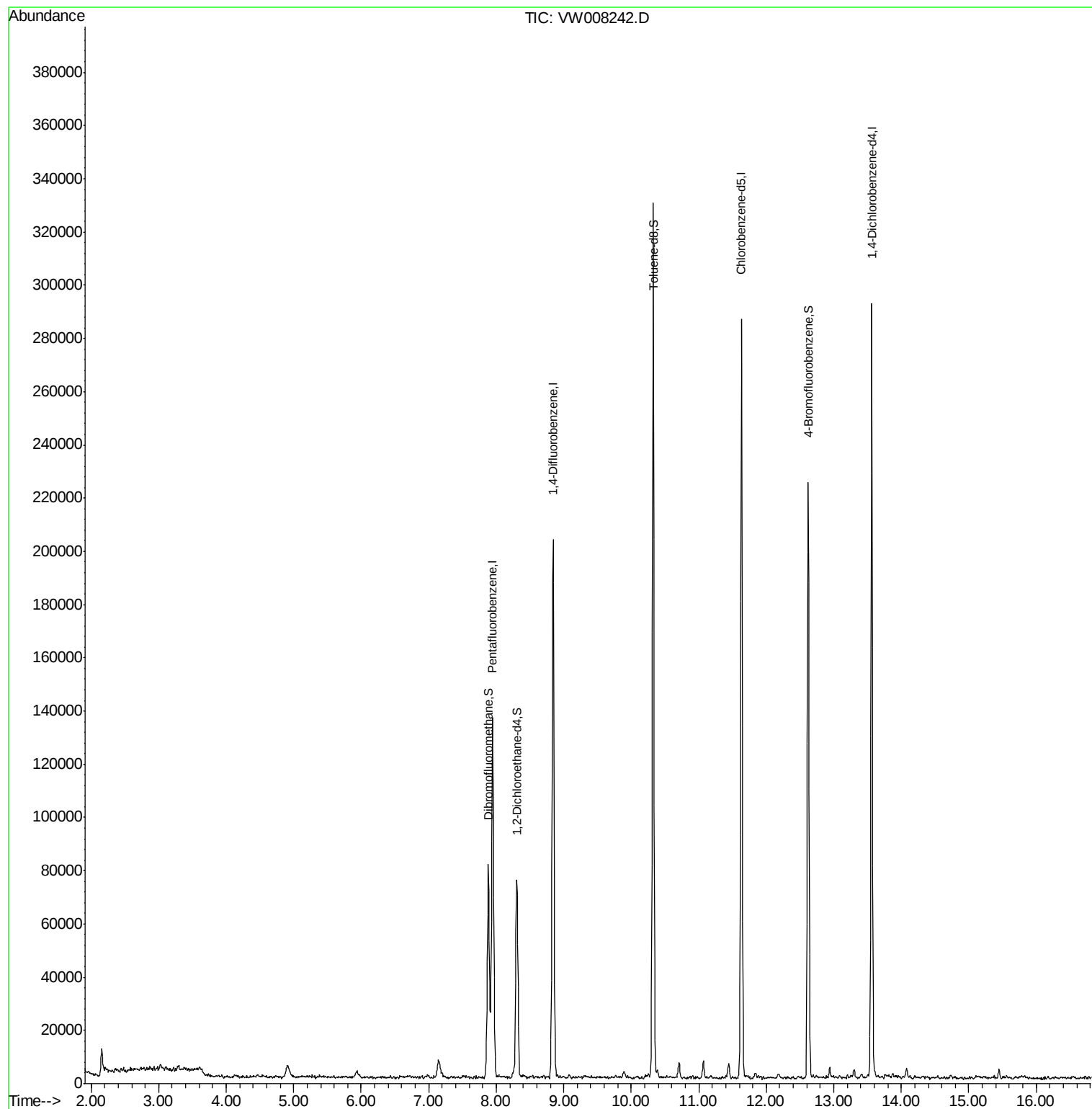
Target Compounds	Qvalue
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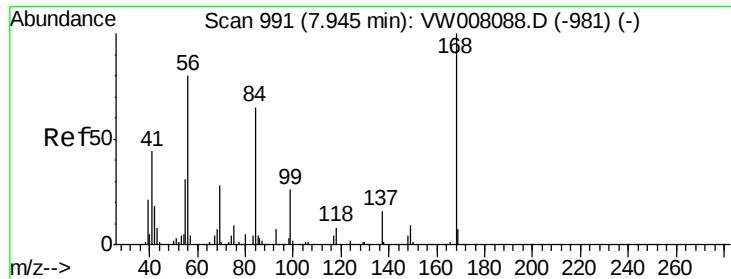
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008242.D

Acq: 14 Jan 2019 13:04

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MSVOA_W

ClientSampleId :

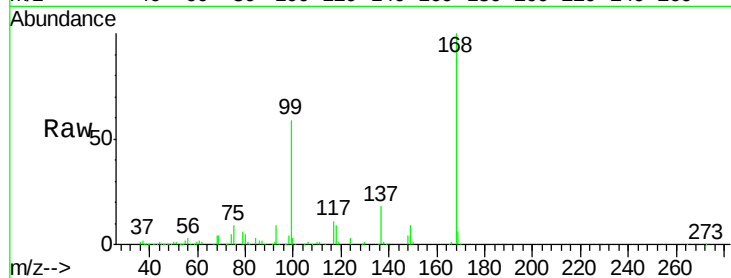
DGA-01-011019

Tot Ion:168 Resp: 98855

Ion Ratio Lower Upper

168 100

99 58.9 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

50000

40000

30000

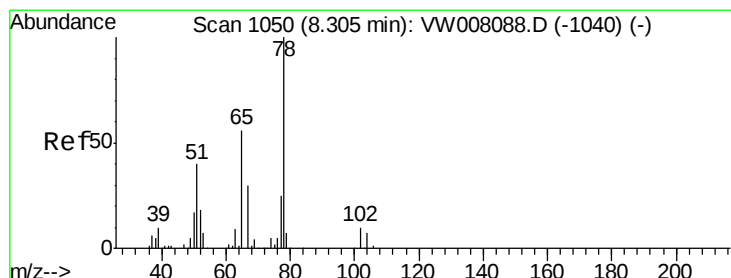
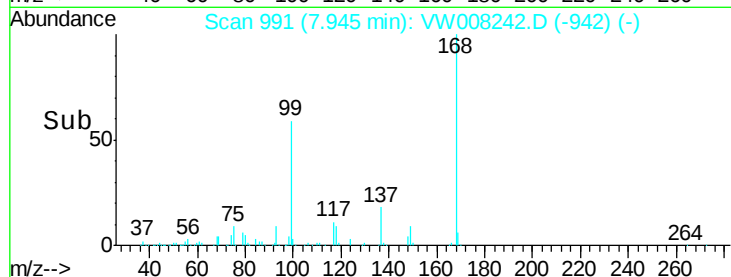
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.202 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008242.D

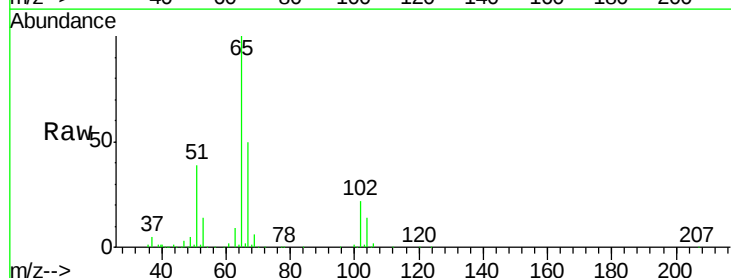
Acq: 14 Jan 2019 13:04

Tgt Ion: 65 Resp: 57999

Ion Ratio Lower Upper

65 100

67 52.2 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

30000

25000

20000

15000

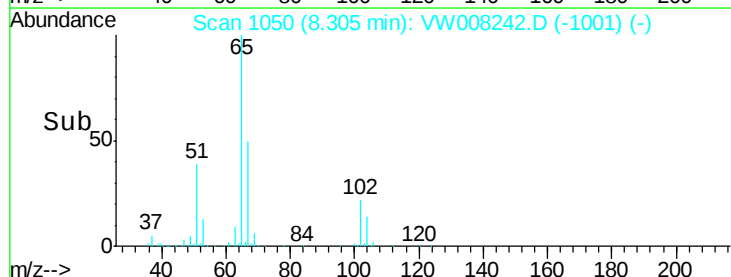
10000

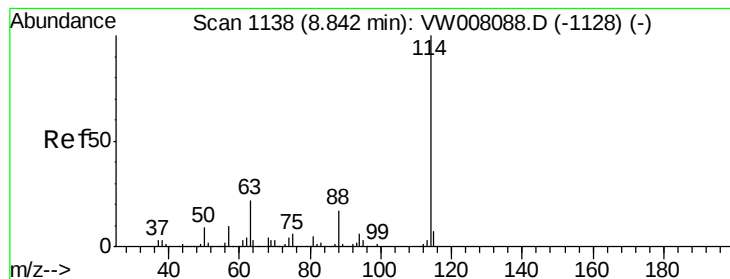
5000

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: VW008242.D

Acq: 14 Jan 2019 13:04

Instrument :

MSVOA_W

ClientSampleId :

DGA-01-011019

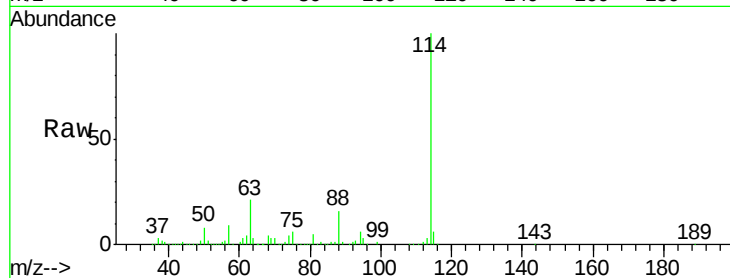
Tot Ion:114 Resp: 172795

Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.4

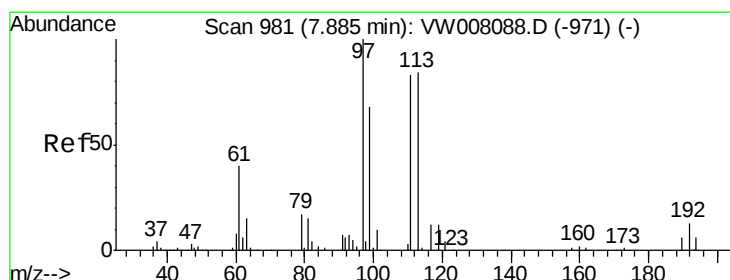
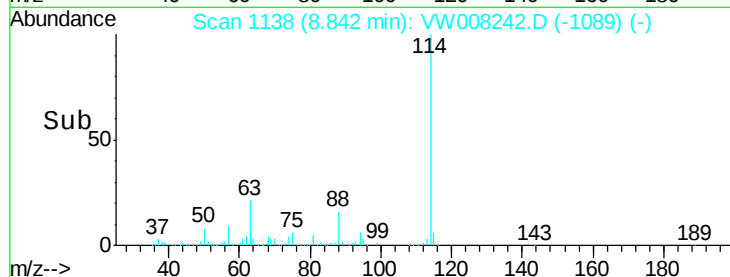
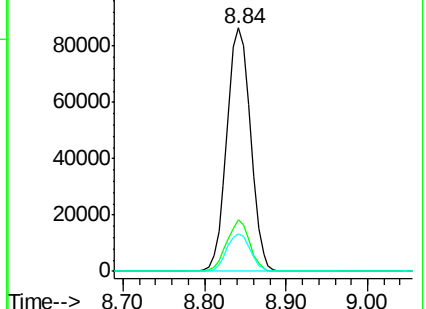
88 15.6 0.0 33.4



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: 54.948 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008242.D

Acq: 14 Jan 2019 13:04

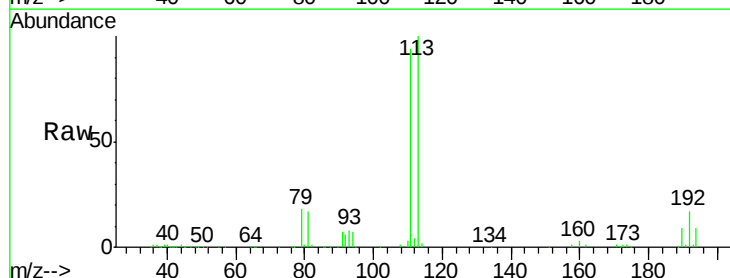
Tgt Ion:113 Resp: 55377

Ion Ratio Lower Upper

113 100

111 101.7 81.8 122.8

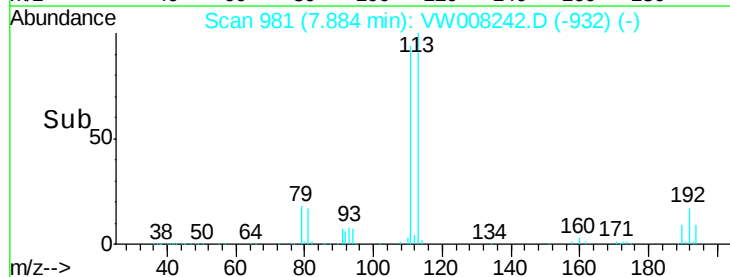
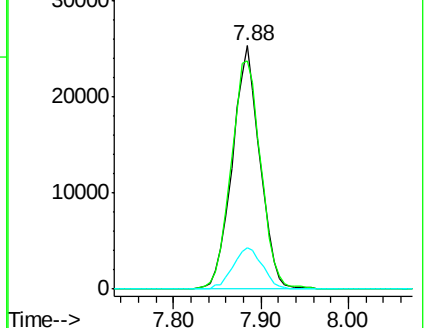
192 18.3 12.8 19.2

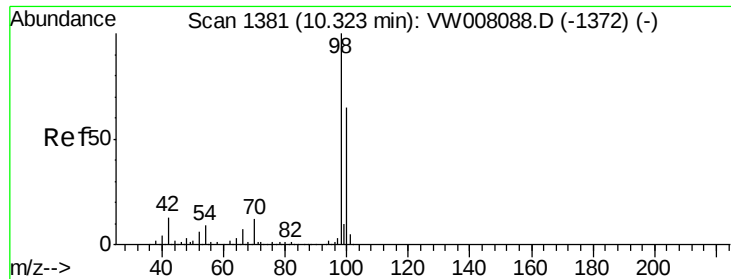


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

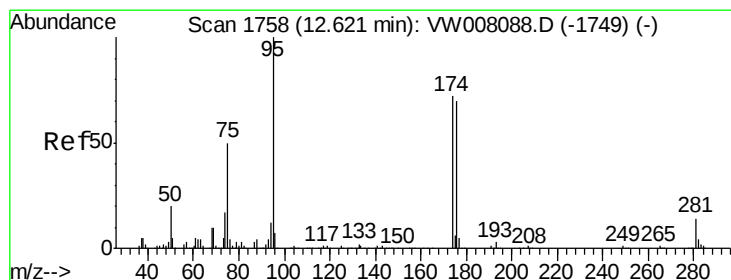
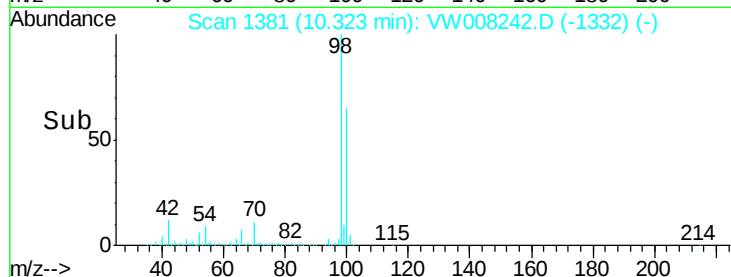
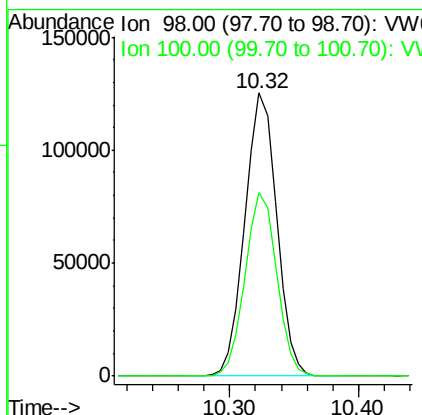
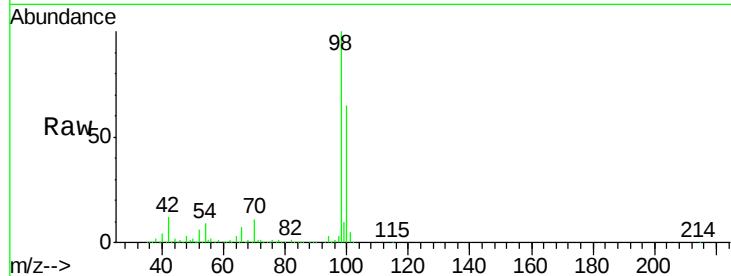




#50
Toluene-d8
Concen: 50.595 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008242.D
Acq: 14 Jan 2019 13:04

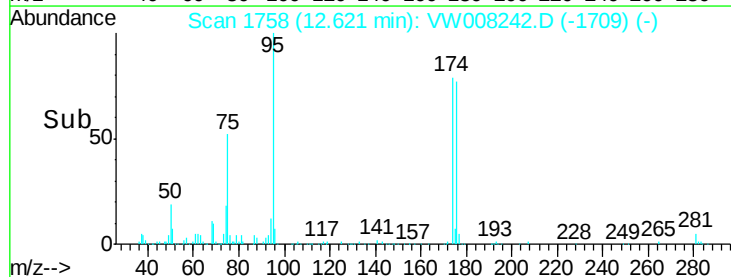
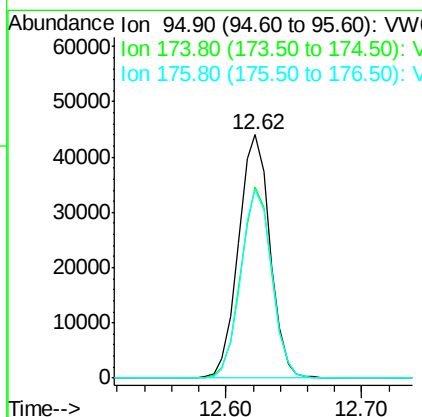
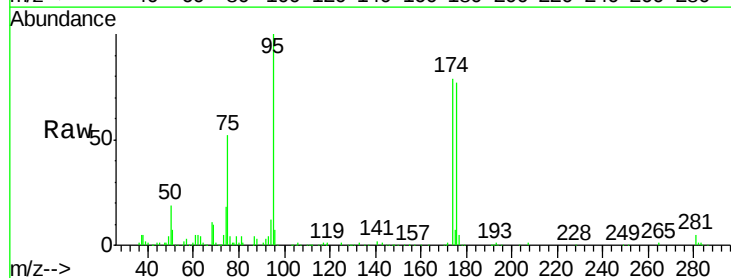
Instrument :
MSVOA_W
ClientSampleId :
DGA-01-011019

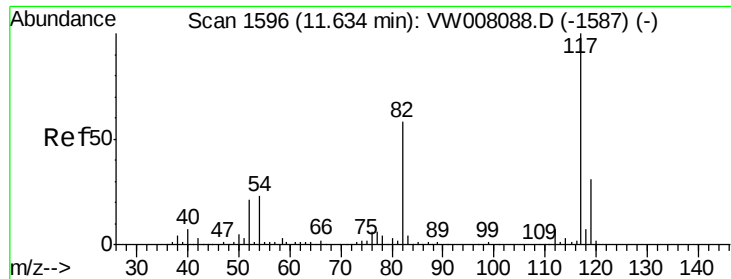
Tot Ion: 98 Resp: 213973
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 46.914 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008242.D
Acq: 14 Jan 2019 13:04

Tgt Ion: 95 Resp: 71128
Ion Ratio Lower Upper
95 100
174 77.5 0.0 143.0
176 76.9 0.0 140.2

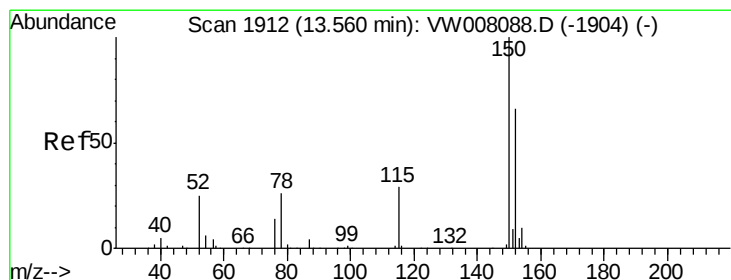
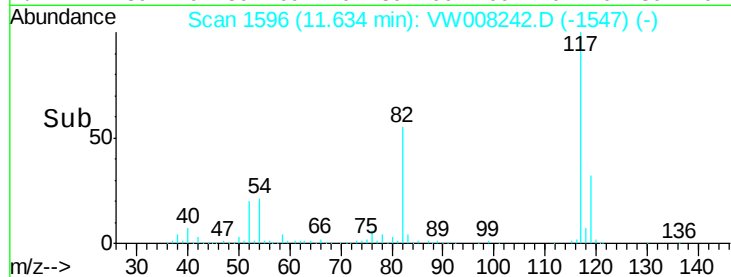
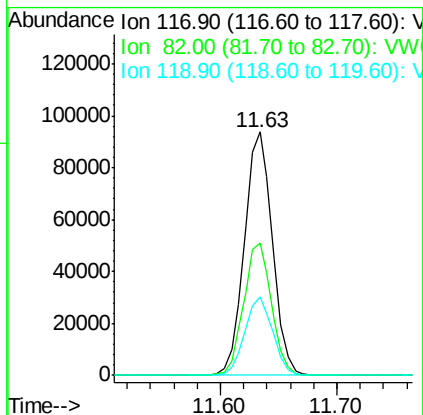
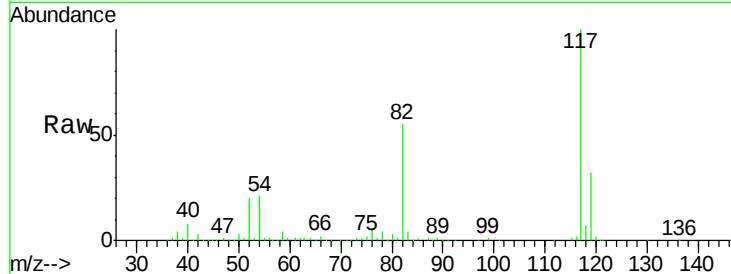




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008242.D
Acq: 14 Jan 2019 13:04

Instrument :
MSVOA_W
ClientSampleId :
DGA-01-011019

Tot Ion:117 Resp: 156627
Ion Ratio Lower Upper
117 100
82 54.5 46.4 69.6
119 32.2 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008242.D
Acq: 14 Jan 2019 13:04

Tgt Ion:152 Resp: 72712
Ion Ratio Lower Upper
152 100
115 58.8 30.8 92.4
150 157.8 0.0 350.2

