

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082119\
 Data File : VW012062.D
 Acq On : 21 Aug 2019 11:00
 Operator : SY/VA
 Sample : K4387-07
 Misc : 3.21G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T6-D-(0)

Quant Time: Aug 22 05:44:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

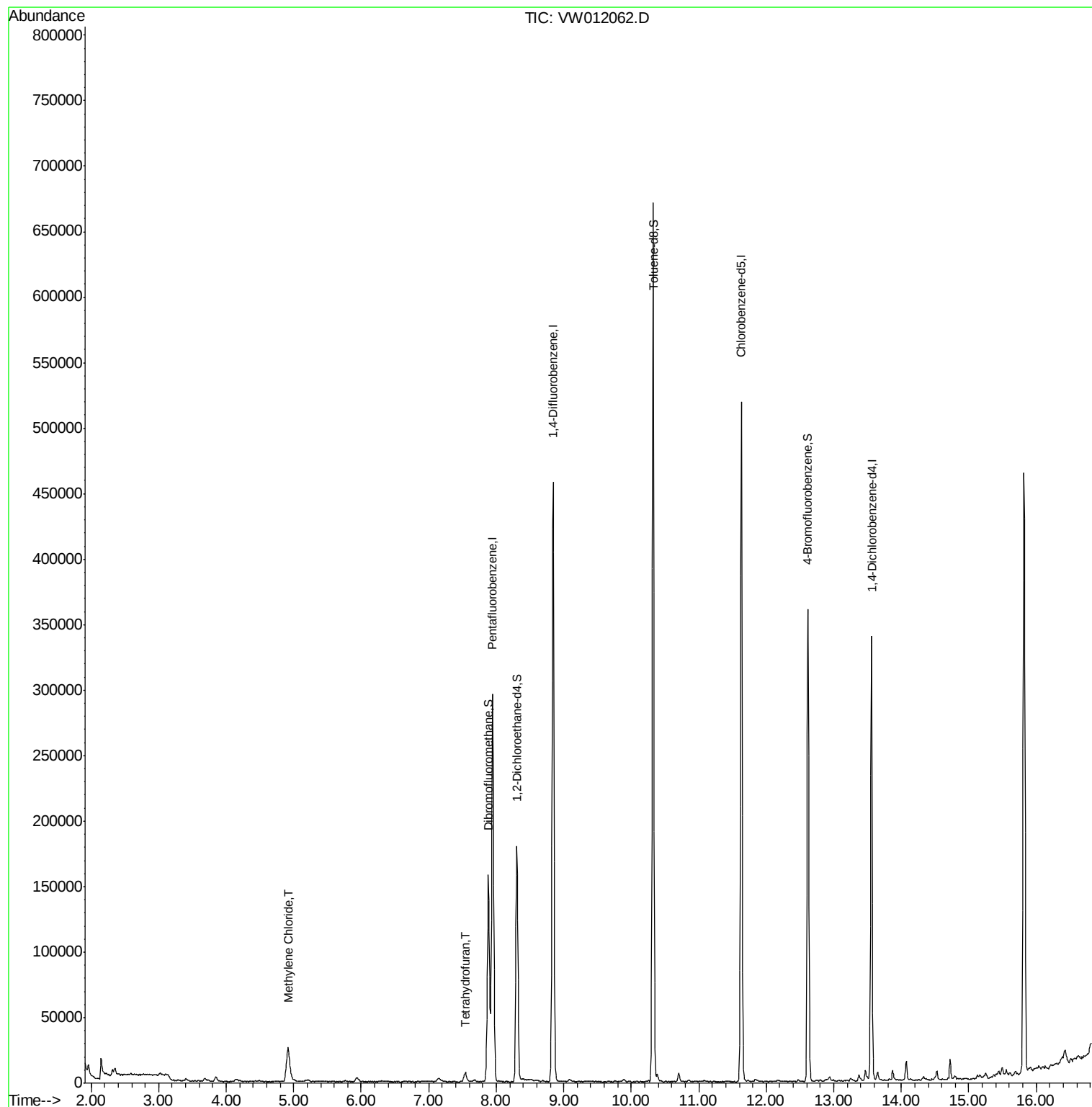
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	215791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	362825	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	276259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	86023	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	136280	55.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.00%	
35) Dibromofluoromethane	7.88	113	110737	54.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.80%	
50) Toluene-d8	10.32	98	422398	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.36%	
62) 4-Bromofluorobenzene	12.62	95	118322	39.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.64%	
Target Compounds						
20) Methylene Chloride	4.92	84	20048	7.375	ug/l	97
29) Tetrahydrofuran	7.54	42	6736	11.426	ug/l	99

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012062.D

Acq: 21 Aug 2019 11:00

Instrument :

MSVOA_W

ClientSampleId :

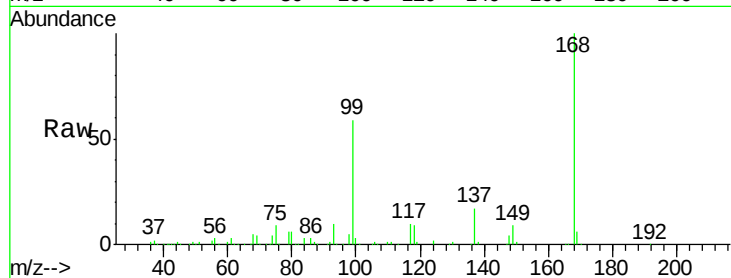
T6-D-(0)

Tot Ion:168 Resp: 215791

Ion Ratio Lower Upper

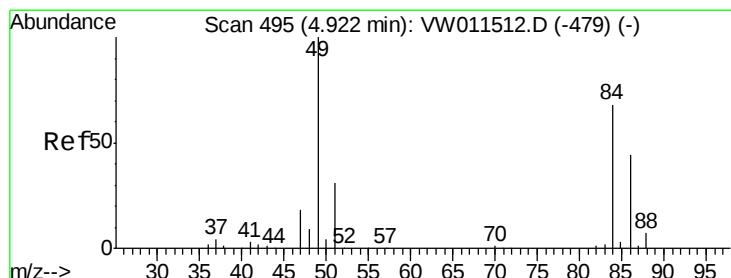
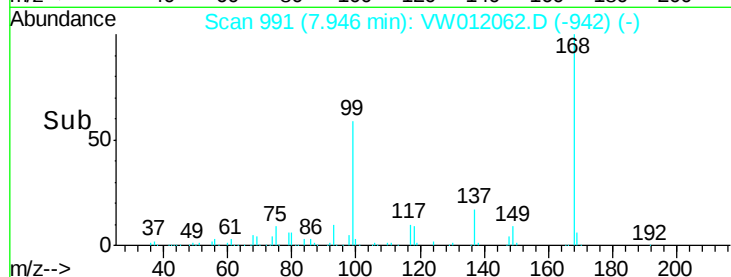
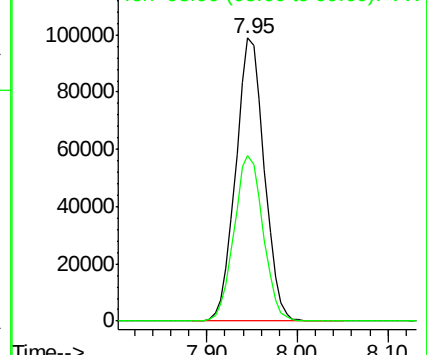
168 100

99 58.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 7.375 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012062.D

Acq: 21 Aug 2019 11:00

Tgt Ion: 84 Resp: 20048

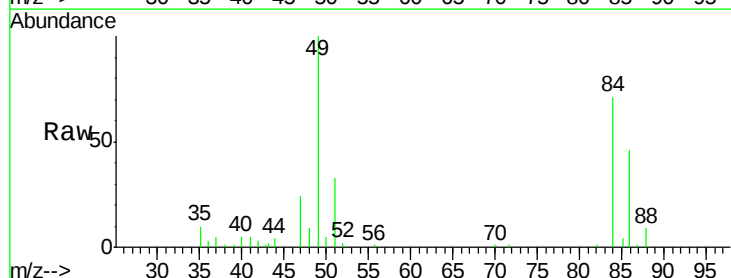
Ion Ratio Lower Upper

84 100

49 141.8 117.8 176.6

51 46.6 37.0 55.4

86 65.9 51.8 77.8

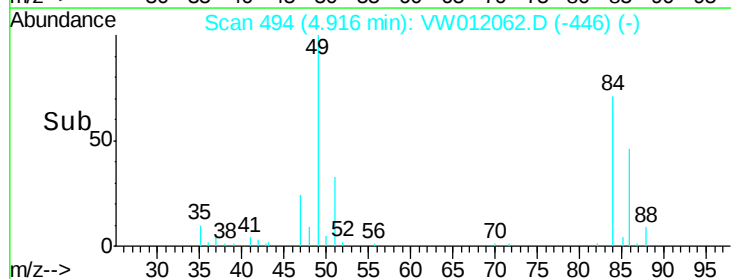
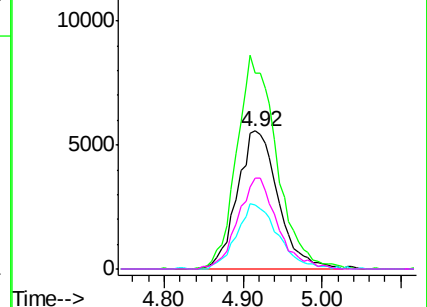


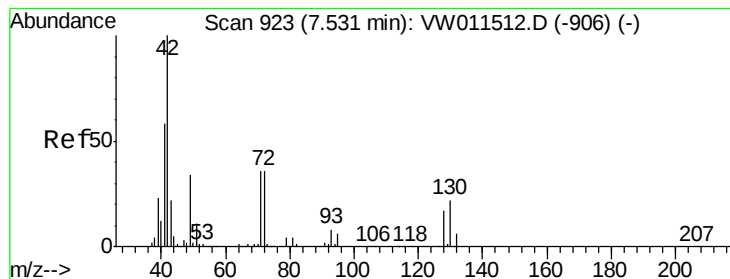
Abundance Ion 83.90 (83.60 to 84.60): VW

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





#29

Tetrahydrofuran

Concen: 11.426 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012062.D

Acq: 21 Aug 2019 11:00

Instrument :

MSVOA_W

ClientSampled :

T6-D-(0)

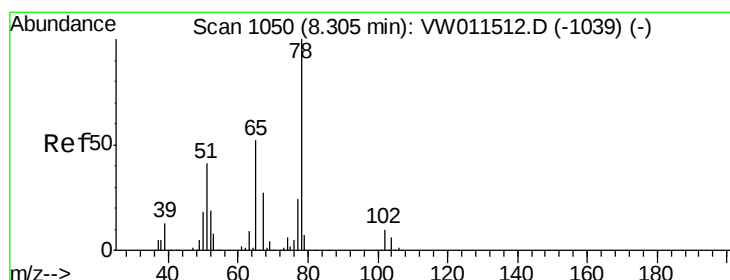
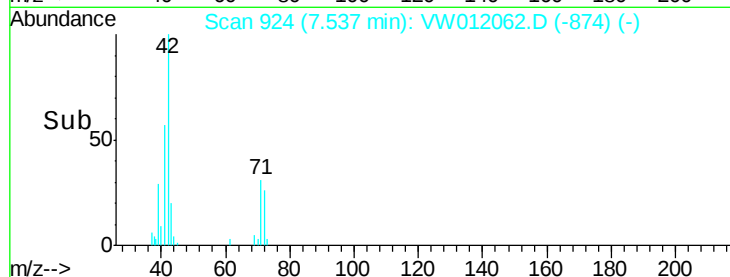
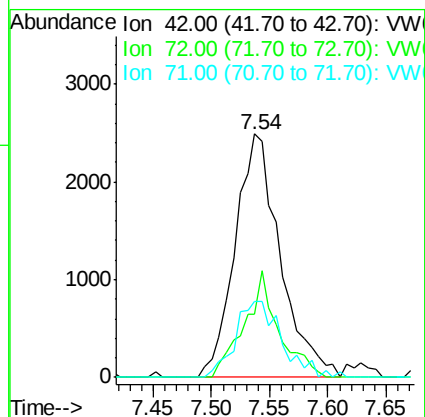
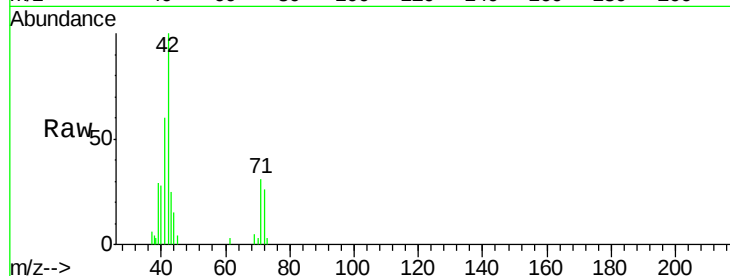
Tot Ion: 42 Resp: 6736

Ion Ratio Lower Upper

42 100

72 33.1 27.1 40.7

71 32.3 26.2 39.4



#33

1,2-Dichloroethane-d4

Concen: 54.999 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012062.D

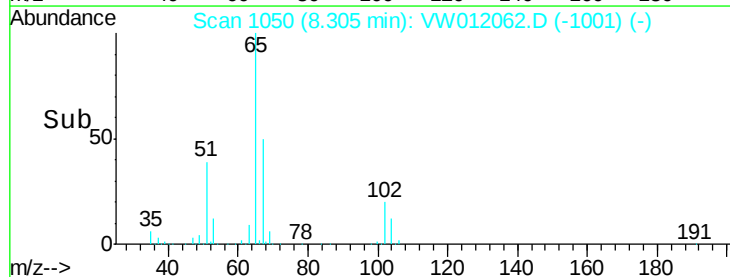
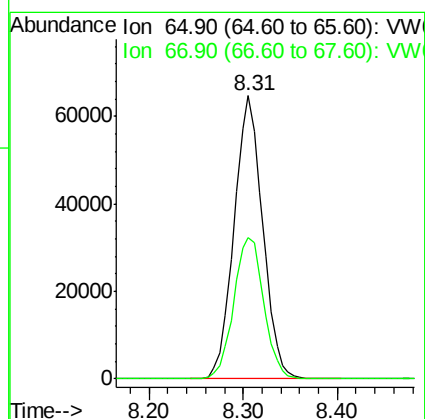
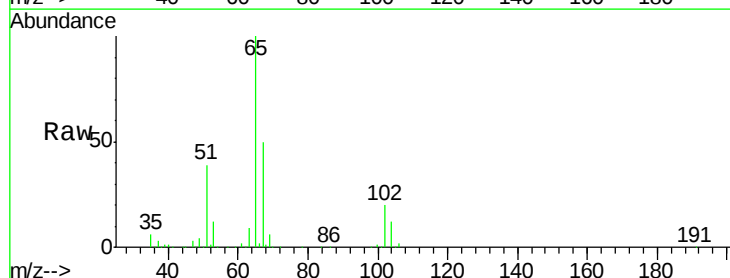
Acq: 21 Aug 2019 11:00

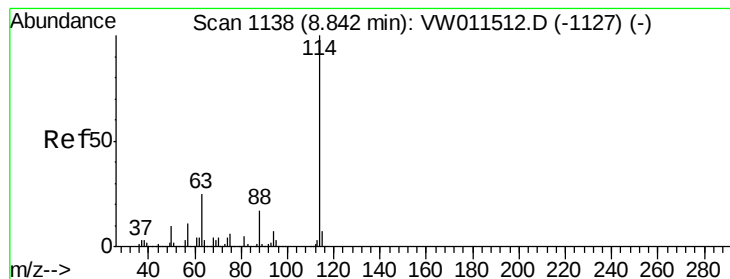
Tgt Ion: 65 Resp: 136280

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW012062.D

Acq: 21 Aug 2019 11:00

Instrument :

MSVOA_W

ClientSampleId :

T6-D-(0)

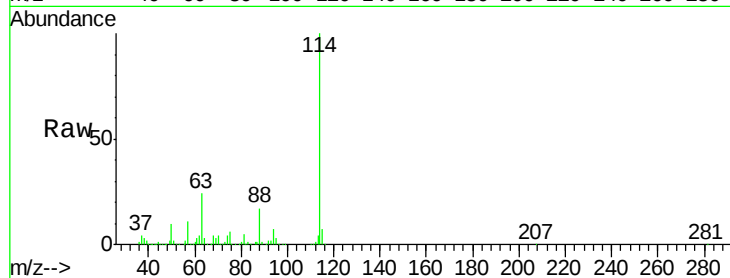
Tot Ion:114 Resp: 362825

Ion Ratio Lower Upper

114 100

63 23.6 0.0 49.2

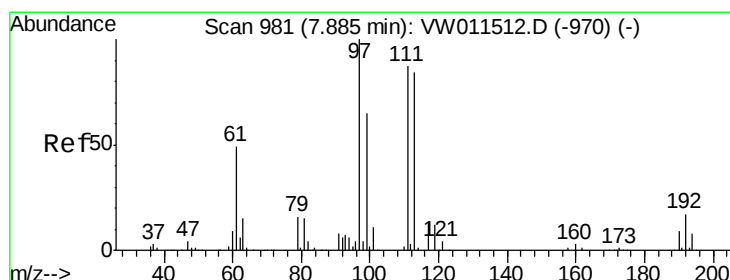
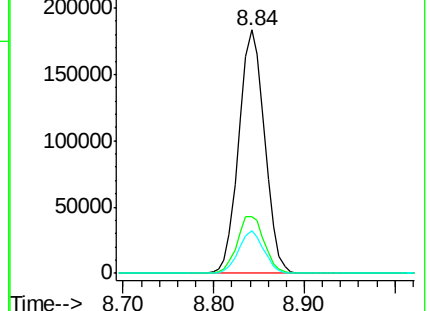
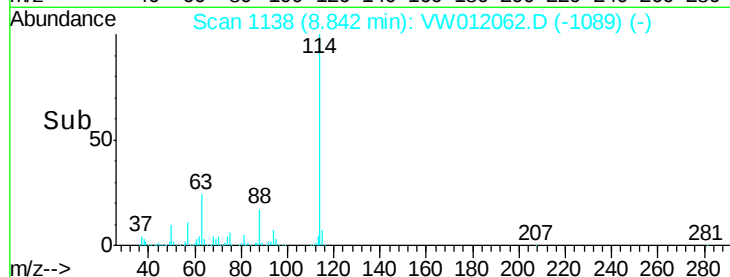
88 17.3 0.0 33.8



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: 54.403 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012062.D

Acq: 21 Aug 2019 11:00

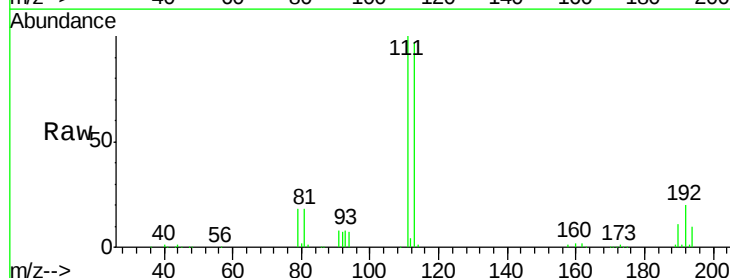
Tgt Ion:113 Resp: 110737

Ion Ratio Lower Upper

113 100

111 103.5 82.7 124.1

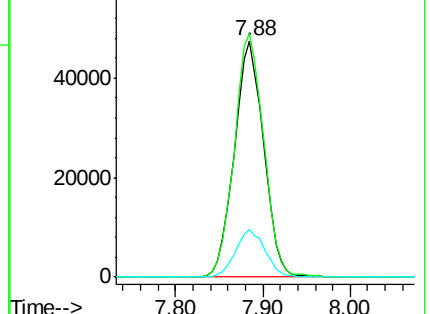
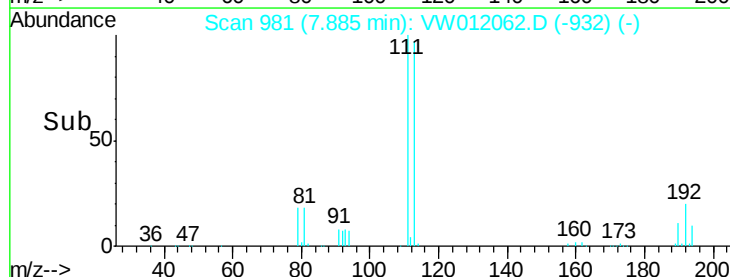
192 20.4 16.1 24.1

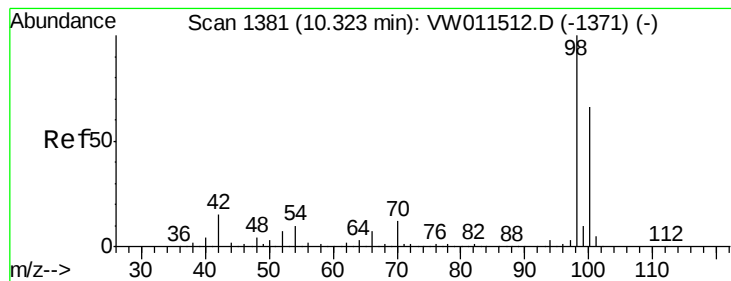


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.684 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012062.D

Acq: 21 Aug 2019 11:00

Instrument :

MSVOA_W

ClientSampled :

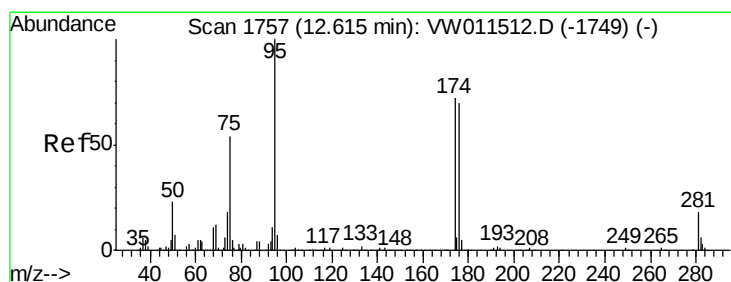
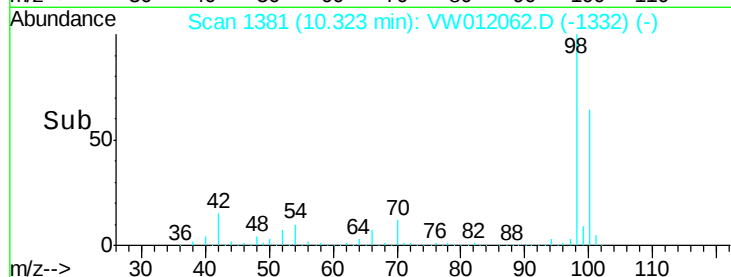
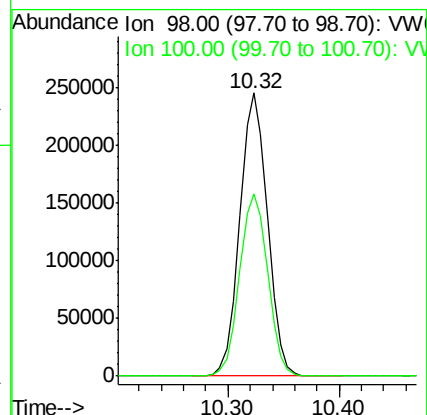
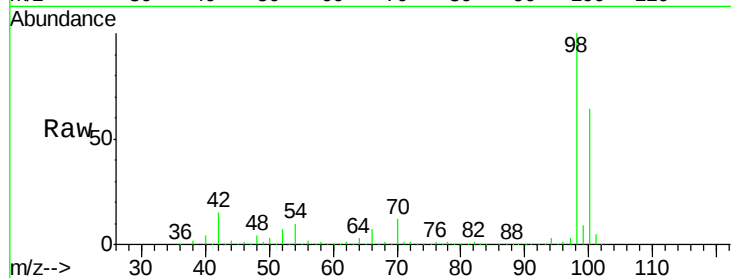
T6-D-(0)

Tot Ion: 98 Resp: 422398

Ion Ratio Lower Upper

98 100

100 65.5 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 39.823 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012062.D

Acq: 21 Aug 2019 11:00

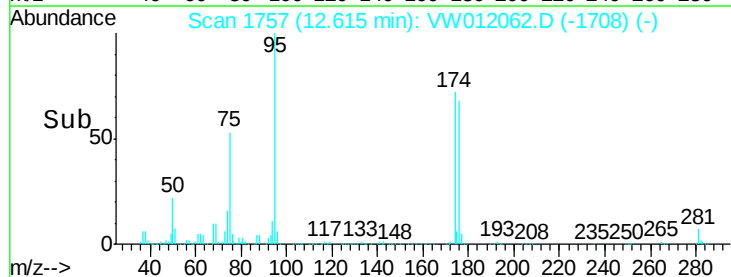
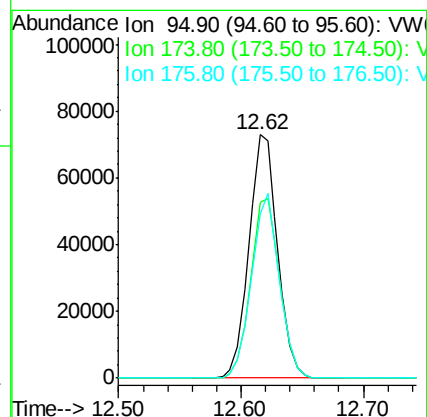
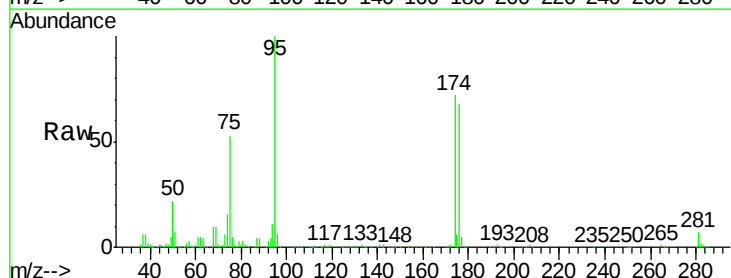
Tgt Ion: 95 Resp: 118322

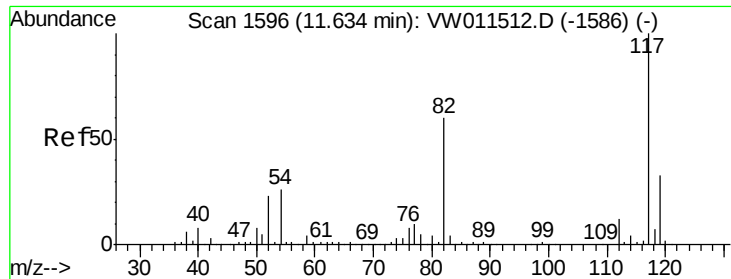
Ion Ratio Lower Upper

95 100

174 75.5 0.0 150.2

176 73.9 0.0 144.4

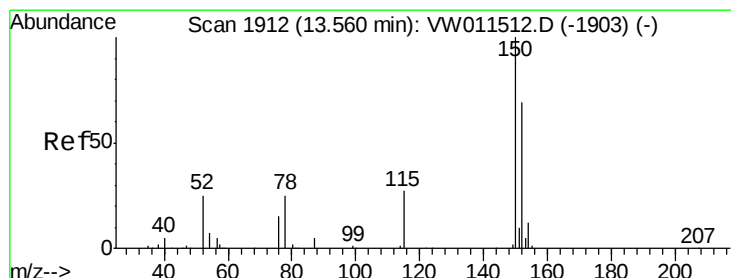
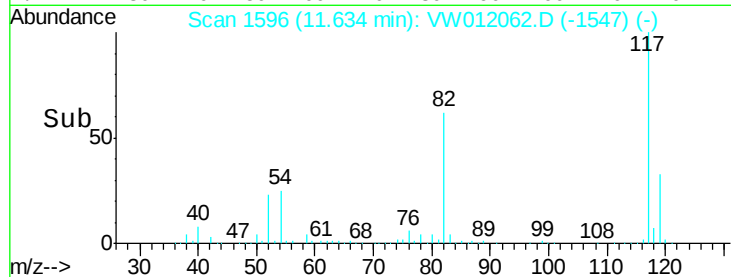
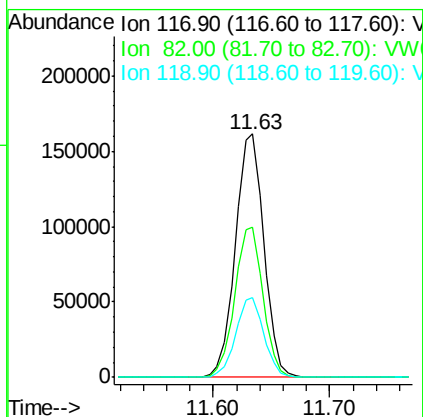
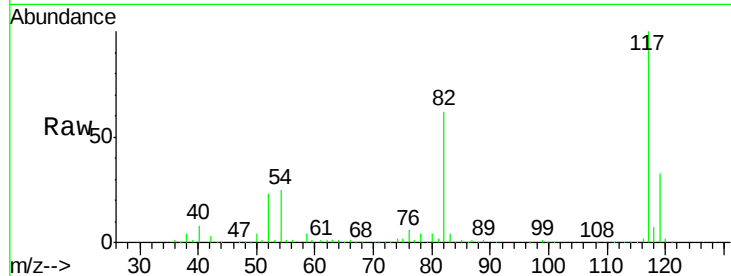




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW012062.D
Acq: 21 Aug 2019 11:00

Instrument :
MSVOA_W
ClientSampleId :
T6-D-(0)

Tot Ion:117 Resp: 276259
Ion Ratio Lower Upper
117 100
82 61.5 47.9 71.9
119 33.0 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012062.D
Acq: 21 Aug 2019 11:00

Tgt Ion:152 Resp: 86023
Ion Ratio Lower Upper
152 100
115 60.0 30.5 91.5
150 156.0 0.0 352.6

