

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090319\
 Data File : VW012572.D
 Acq On : 04 Sep 2019 03:32
 Operator : SY/VA
 Sample : K4525-06
 Misc : 4.51G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-A1-(1.9)

Quant Time: Sep 04 07:57:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

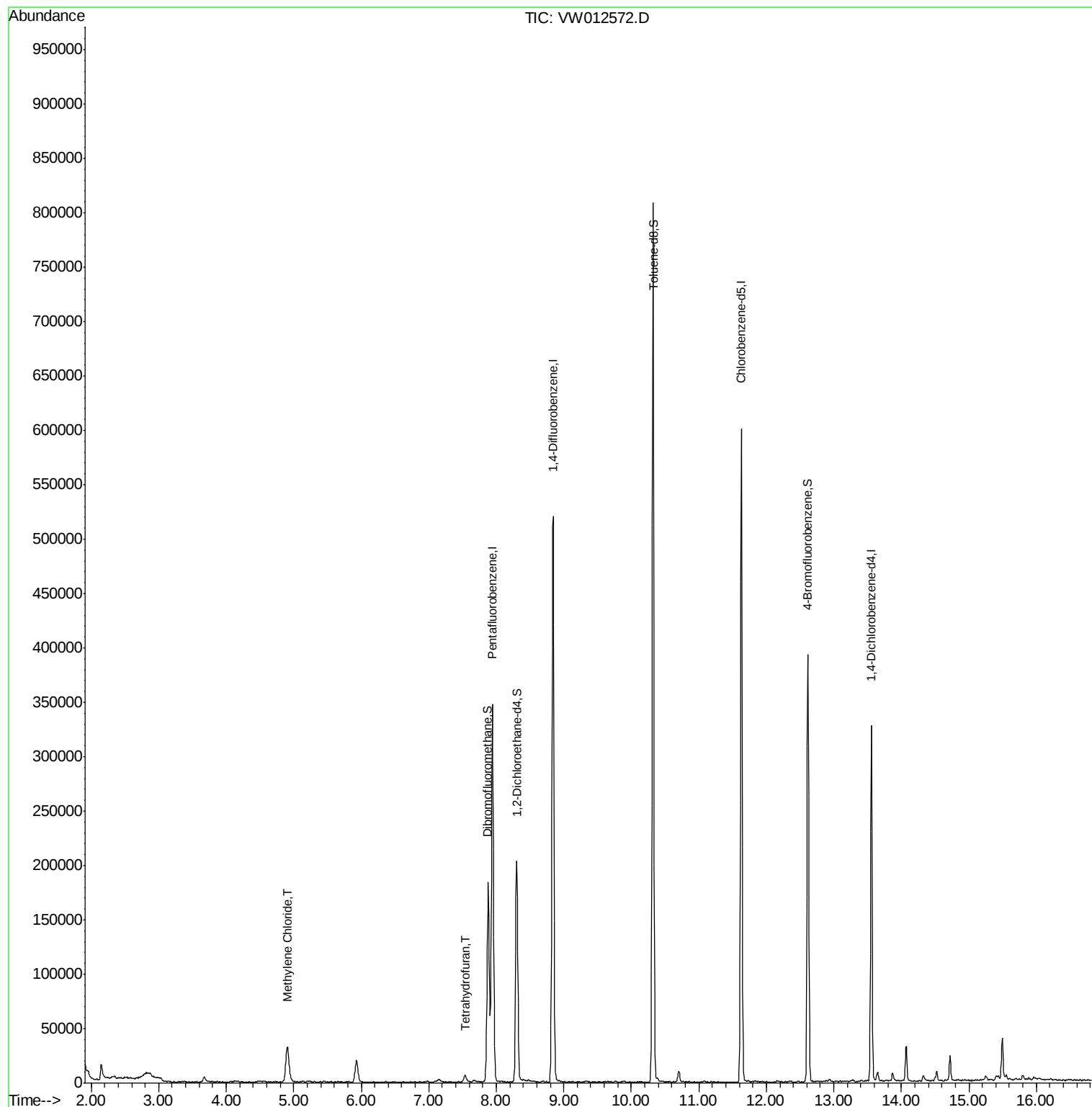
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	247860	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	406540	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	314117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	83301	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	171276	58.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.26%	
35) Dibromofluoromethane	7.88	113	129972	53.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.12%	
50) Toluene-d8	10.32	98	501637	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.96%	
62) 4-Bromofluorobenzene	12.62	95	122144	35.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.44%	
Target Compounds						
20) Methylene Chloride	4.91	84	23800	8.359	ug/l	91
29) Tetrahydrofuran	7.54	42	5330	8.680	ug/l	94

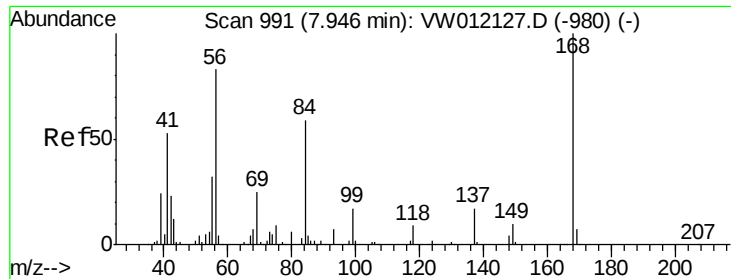
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012572.D

Acq: 04 Sep 2019 03:32

Instrument :

MSVOA_W

ClientSampleId :

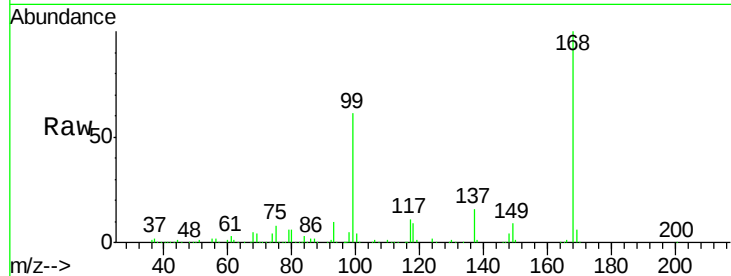
T9-12-13-A1-(1.9)

Tot Ion:168 Resp: 247860

Ion Ratio Lower Upper

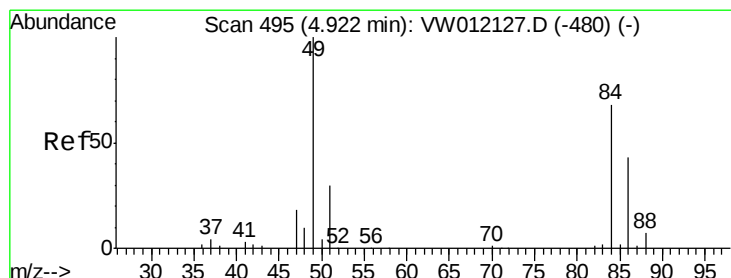
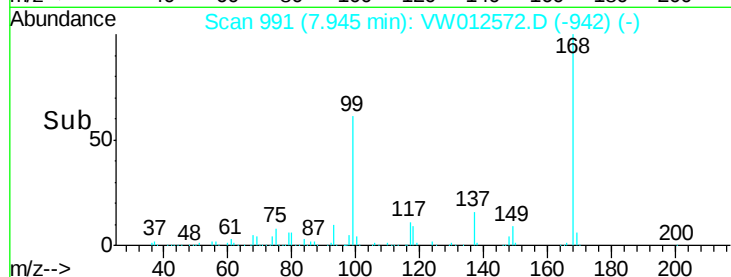
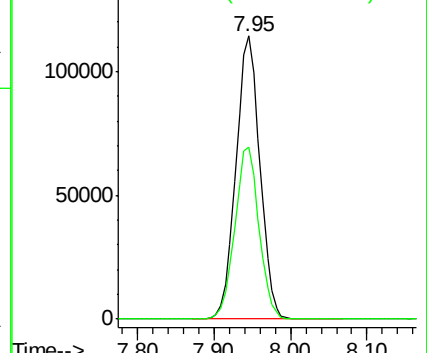
168 100

99 60.7 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 8.359 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012572.D

Acq: 04 Sep 2019 03:32

Tgt Ion: 84 Resp: 23800

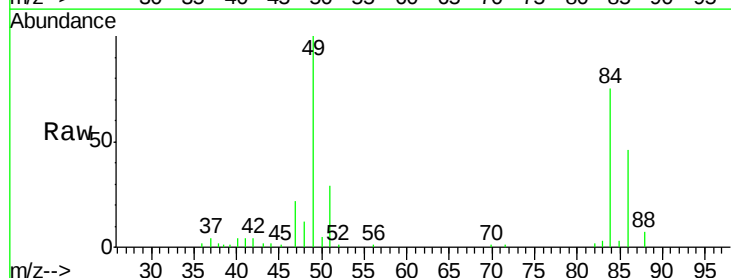
Ion Ratio Lower Upper

84 100

49 133.0 117.8 176.8

51 38.9 35.6 53.4

86 61.3 51.2 76.8

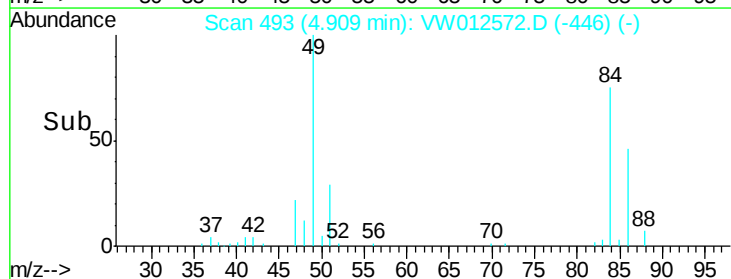
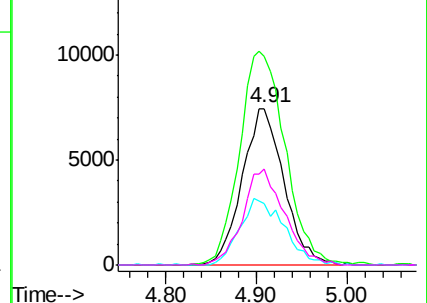


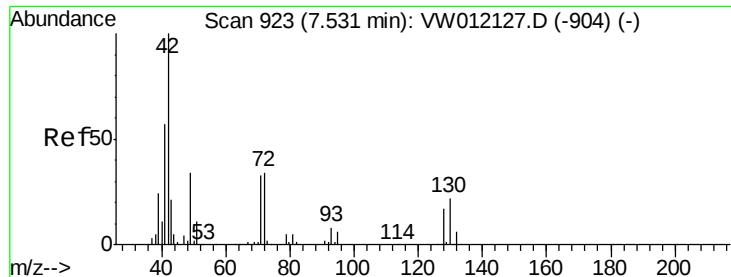
Abundance Ion 83.90 (83.60 to 84.60): VW

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

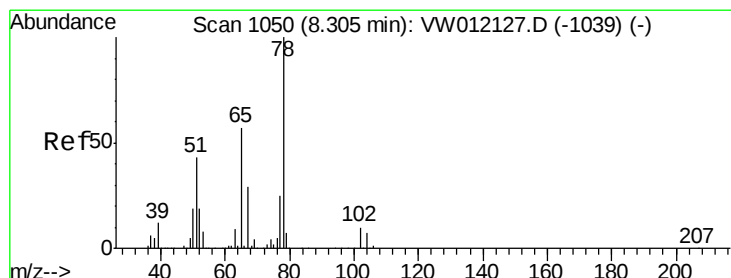
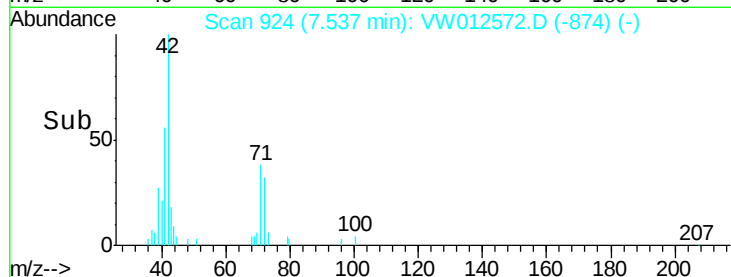
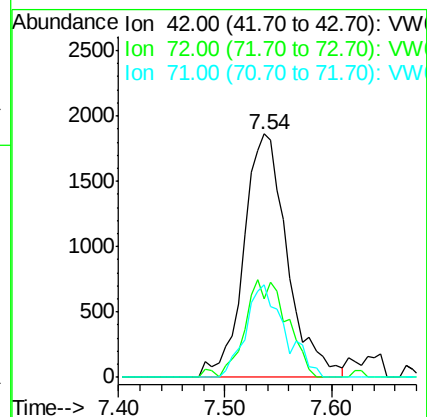
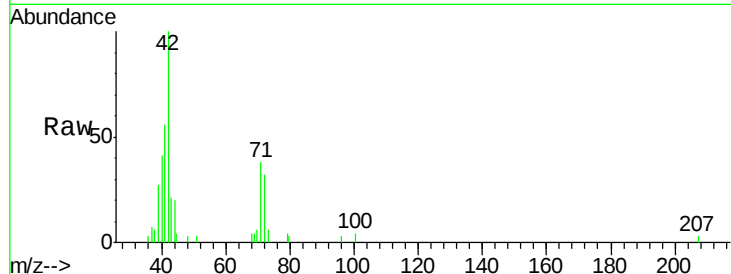




#29
Tetrahydrofuran
Concen: 8.680 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012572.D
Acq: 04 Sep 2019 03:32

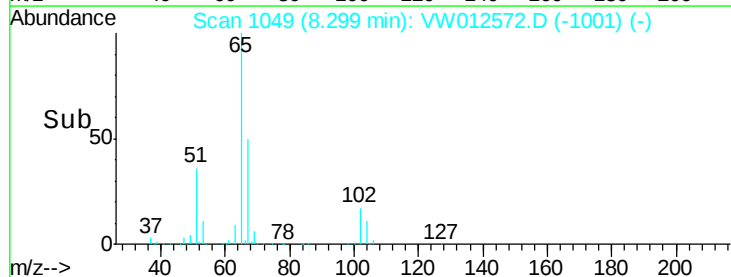
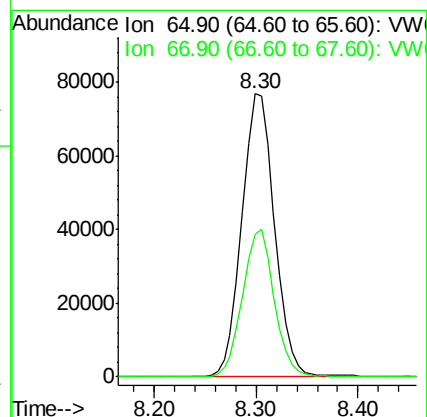
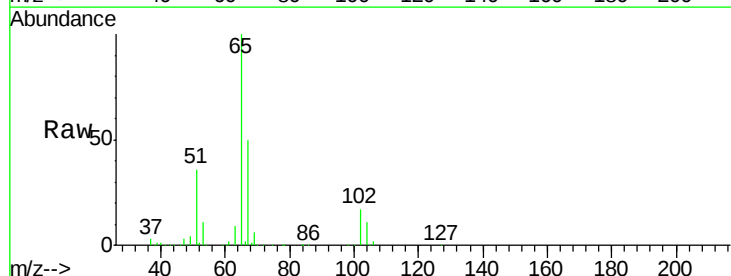
Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-A1-(1.9)

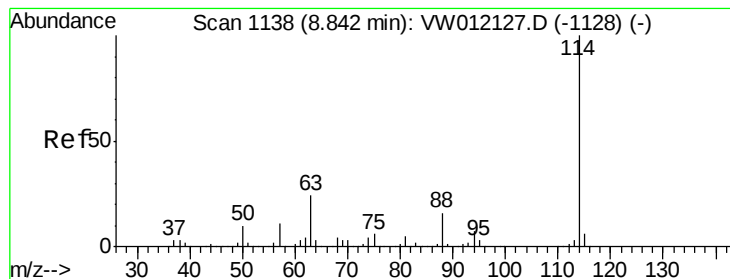
Tot Ion: 42 Resp: 5330
Ion Ratio Lower Upper
42 100
72 38.9 27.3 40.9
71 34.2 25.5 38.3



#33
1,2-Dichloroethane-d4
Concen: 58.130 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW012572.D
Acq: 04 Sep 2019 03:32

Tgt Ion: 65 Resp: 171276
Ion Ratio Lower Upper
65 100
67 50.4 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012572.D

Acq: 04 Sep 2019 03:32

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-A1-(1.9)

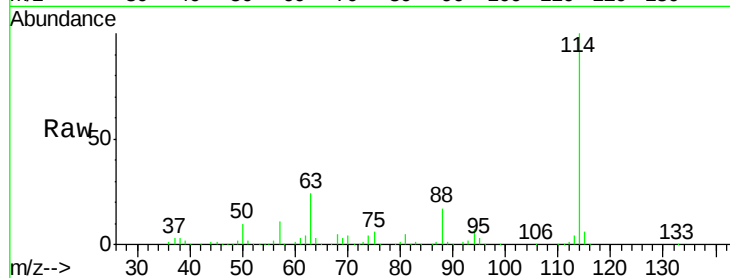
Tot Ion:114 Resp: 406540

Ion Ratio Lower Upper

114 100

63 23.8 0.0 48.6

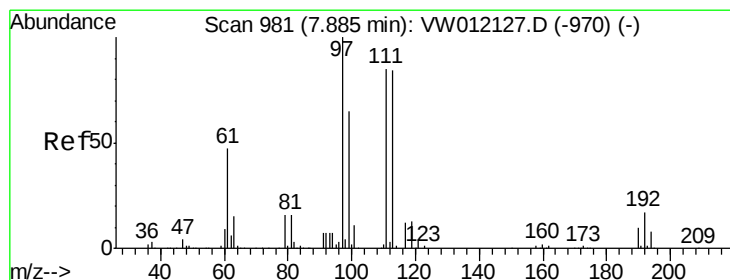
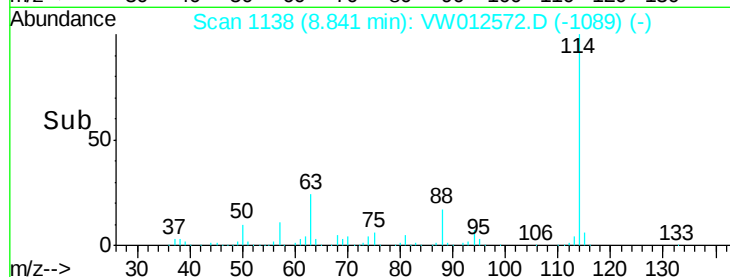
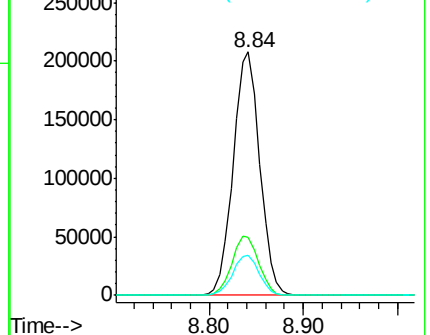
88 16.6 0.0 32.2



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: 53.560 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012572.D

Acq: 04 Sep 2019 03:32

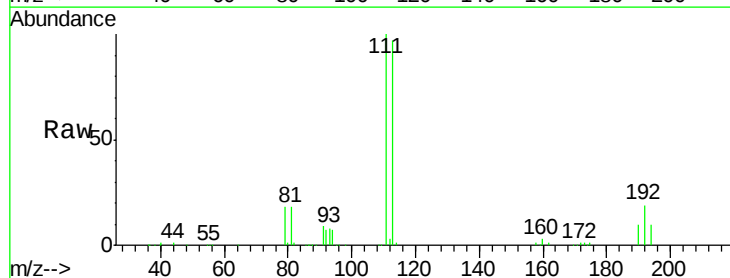
Tgt Ion:113 Resp: 129972

Ion Ratio Lower Upper

113 100

111 104.2 82.7 124.1

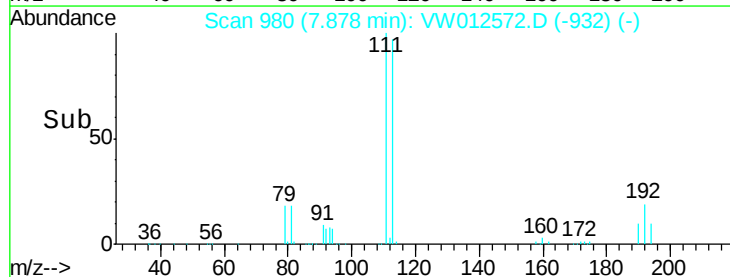
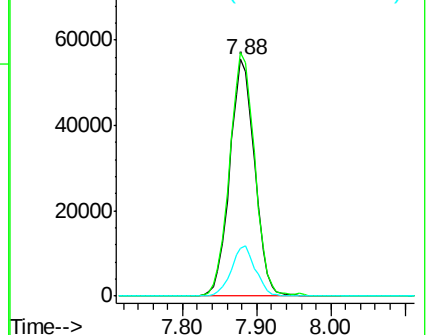
192 20.7 16.2 24.2

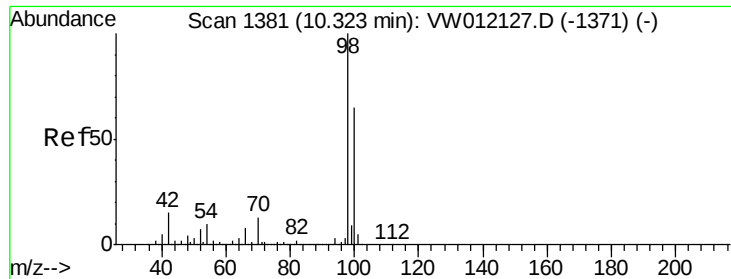


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.983 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012572.D

Acq: 04 Sep 2019 03:32

Instrument :

MSVOA_W

ClientSampleId :

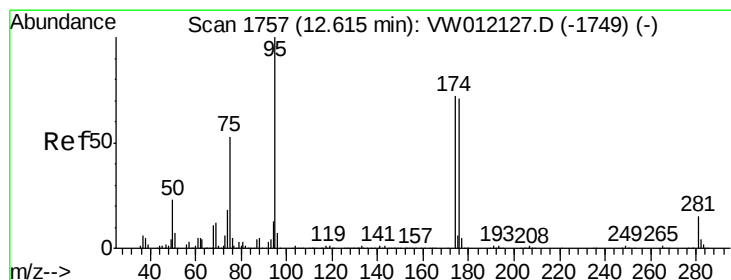
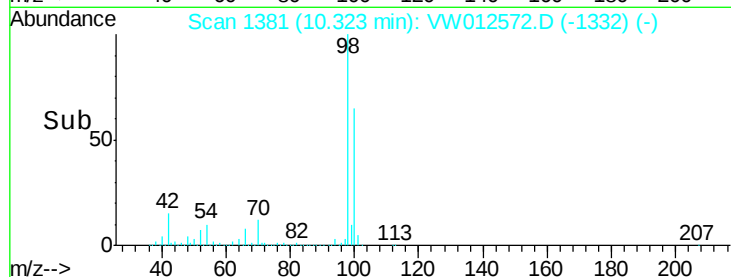
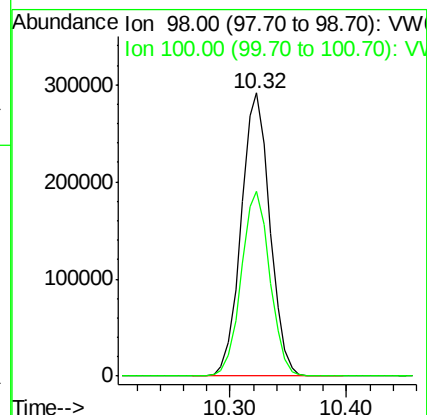
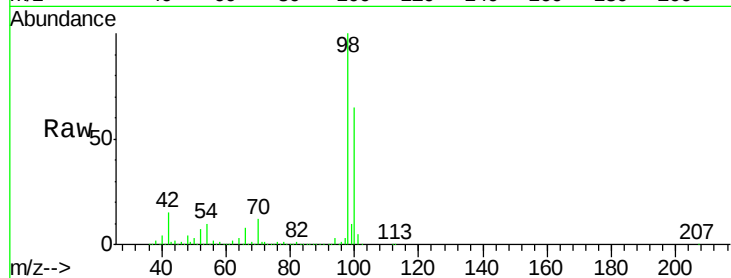
T9-12-13-A1-(1.9)

Tot Ion: 98 Resp: 501637

Ion Ratio Lower Upper

98 100

100 65.1 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 35.217 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012572.D

Acq: 04 Sep 2019 03:32

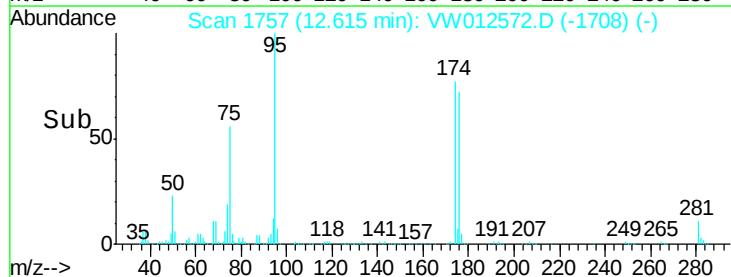
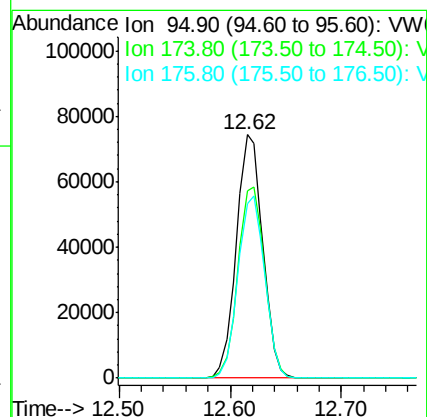
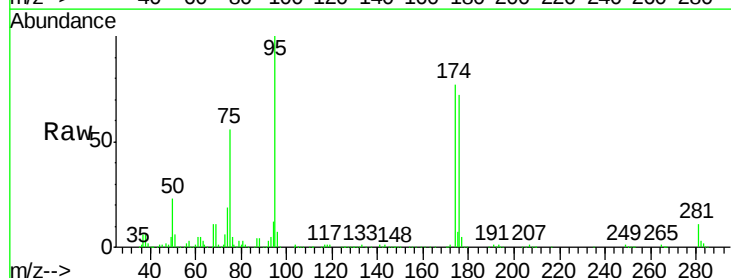
Tgt Ion: 95 Resp: 122144

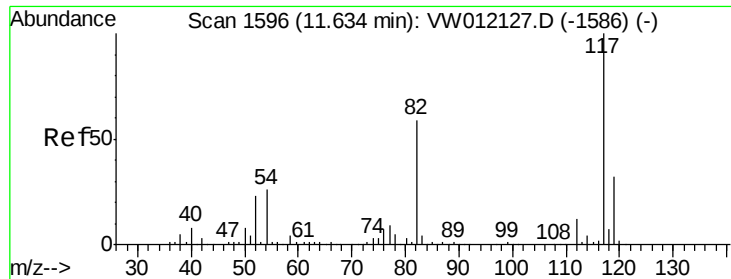
Ion Ratio Lower Upper

95 100

174 79.6 0.0 150.8

176 75.8 0.0 148.6

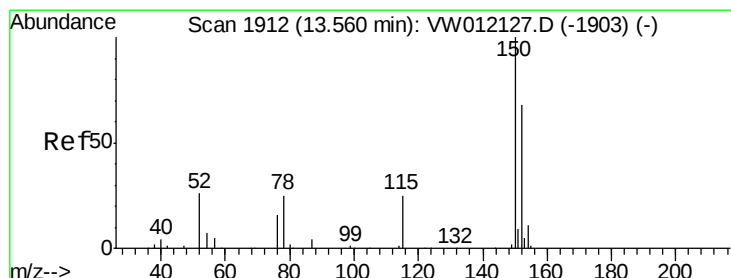
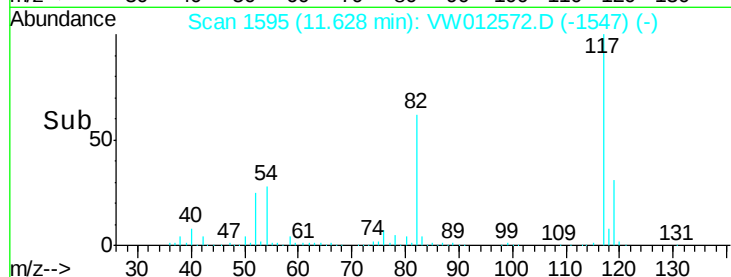
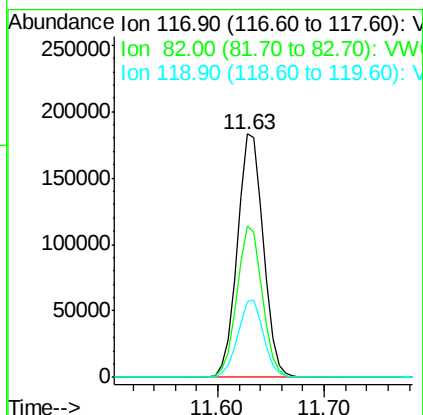
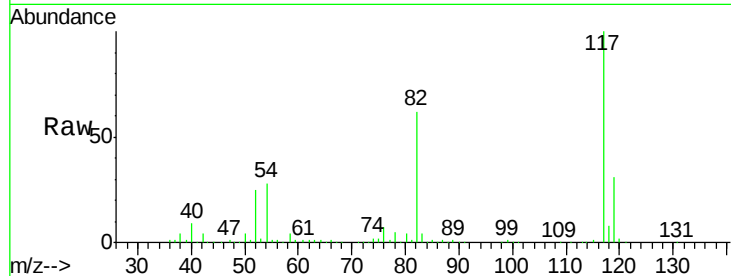




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012572.D
Acq: 04 Sep 2019 03:32

Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-A1-(1.9)

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.0	47.4	71.2
119	31.3	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012572.D
Acq: 04 Sep 2019 03:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.3	30.1	90.3
150	154.8	0.0	345.8

