

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090519\
 Data File : VW012679.D
 Acq On : 06 Sep 2019 08:39
 Operator : SY/VA
 Sample : K4581-08
 Misc : 3.47G/5ML/MSVOA W/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T12-C2-(3.5)

Quant Time: Sep 06 11:21:26 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

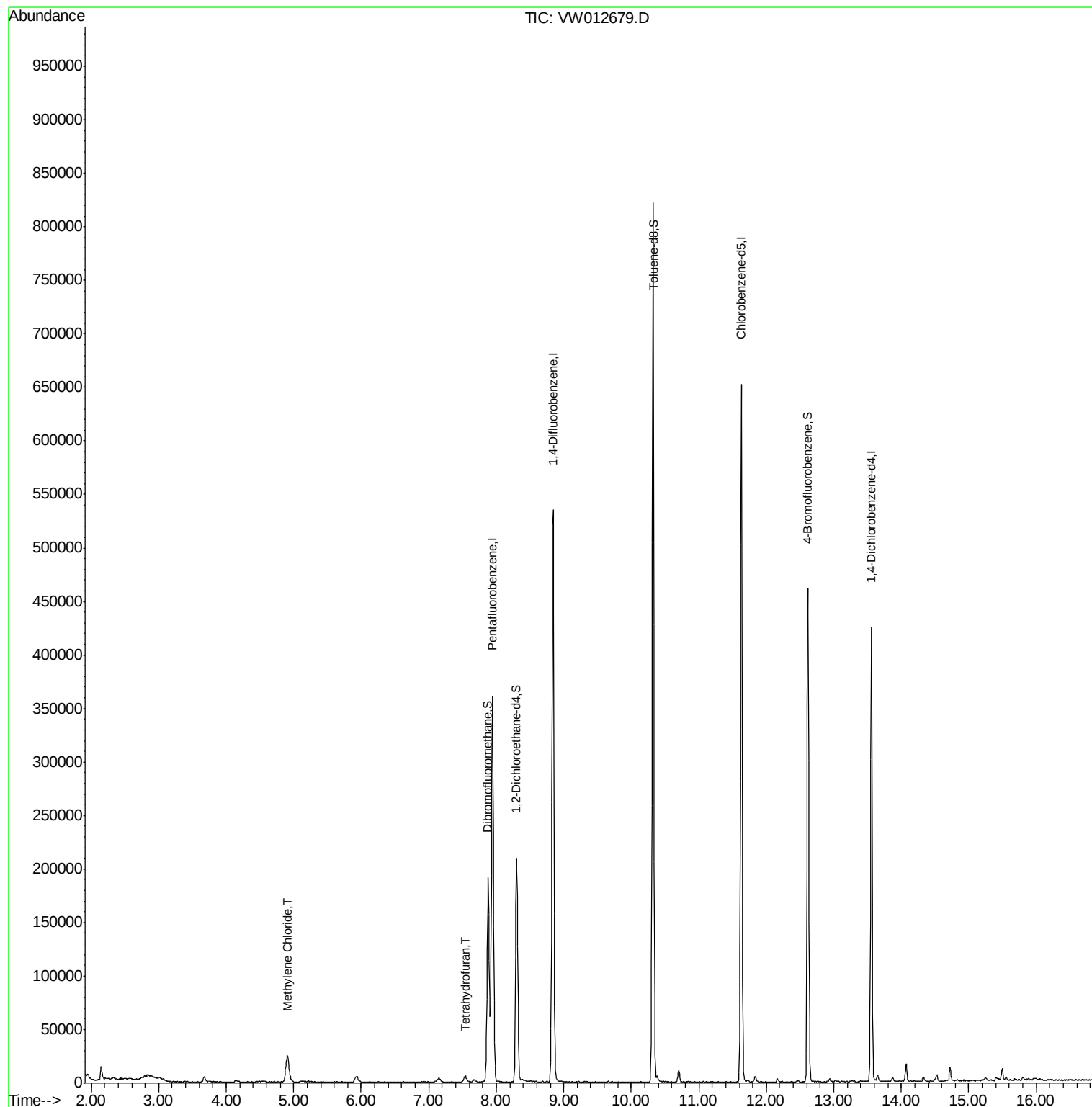
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	262963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	423627	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	339671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	109284	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	172903	55.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.62%	
35) Dibromofluoromethane	7.88	113	133010	52.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.20%	
50) Toluene-d8	10.32	98	517237	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
62) 4-Bromofluorobenzene	12.62	95	145292	40.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.40%	
Target Compounds						
20) Methylene Chloride	4.90	84	17895	5.924	ug/l	93
29) Tetrahydrofuran	7.54	42	5441	8.352	ug/l	100

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

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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
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: VW012679.D

Acq: 06 Sep 2019 08:39

Instrument :

MSVOA_W

ClientSampleId :

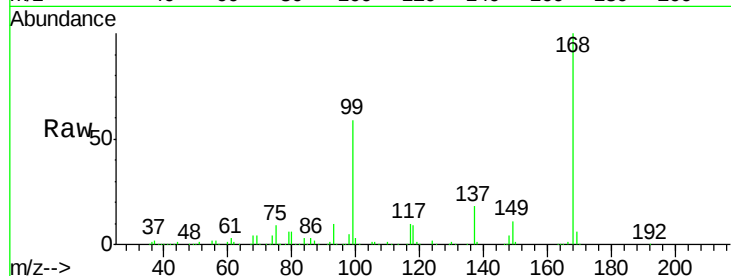
T12-C2-(3.5)

Tot Ion:168 Resp: 262963

Ion Ratio Lower Upper

168 100

99 59.3 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

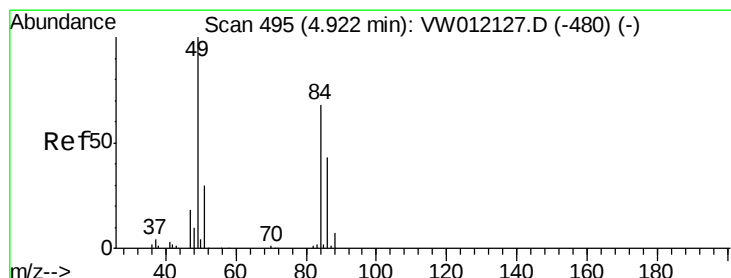
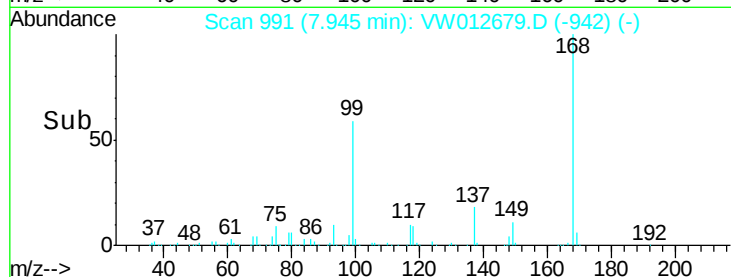
7.95

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 5.924 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.02 min

Lab File: VW012679.D

Acq: 06 Sep 2019 08:39

Tgt Ion: 84 Resp: 17895

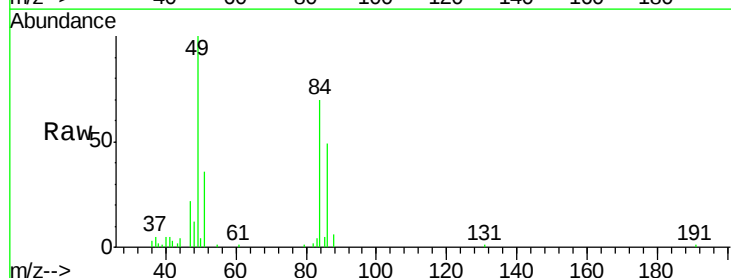
Ion Ratio Lower Upper

84 100

49 140.6 117.8 176.8

51 51.6 35.6 53.4

86 69.2 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

12000

10000

8000

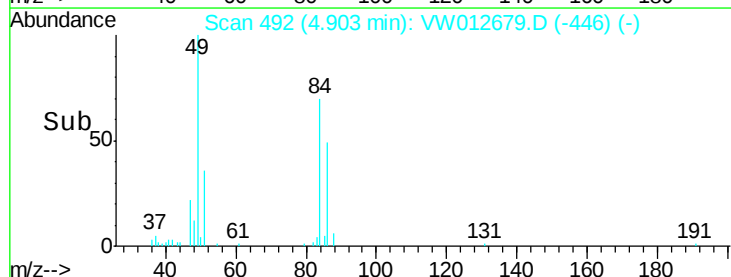
6000

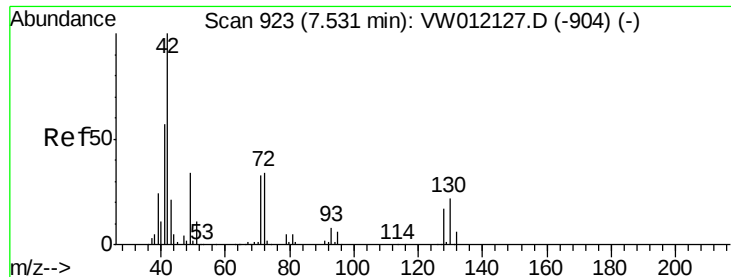
4000

2000

0

Time-->

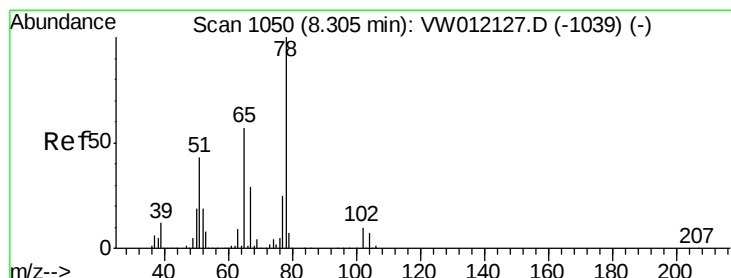
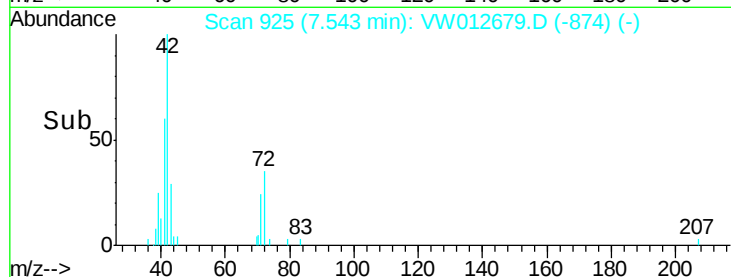
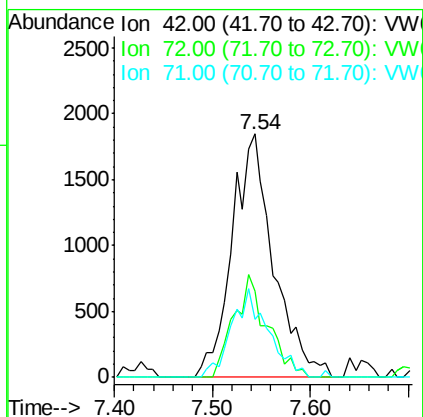
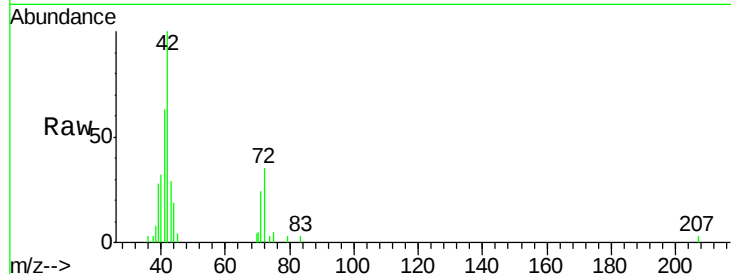




#29
Tetrahydrofuran
Concen: 8.352 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW012679.D
Acq: 06 Sep 2019 08:39

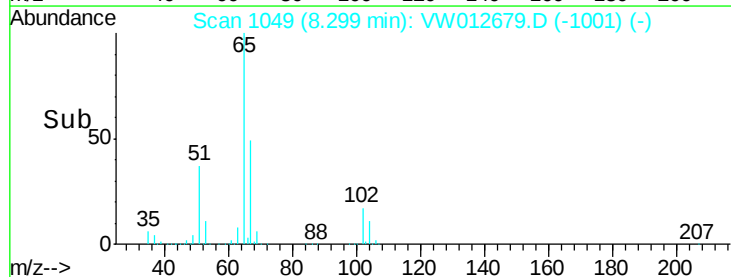
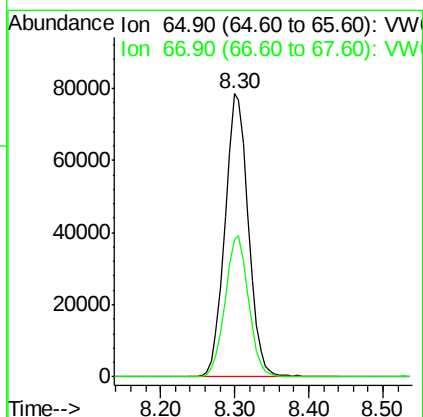
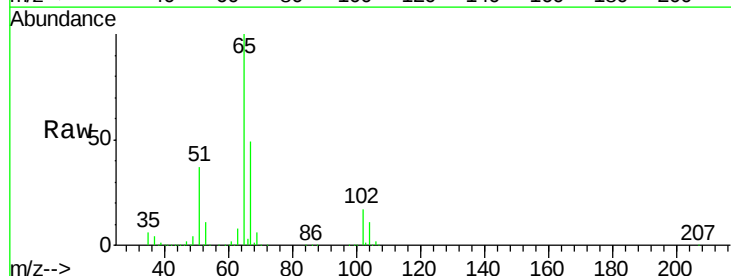
Instrument :
MSVOA_W
ClientSampleId :
T12-C2-(3.5)

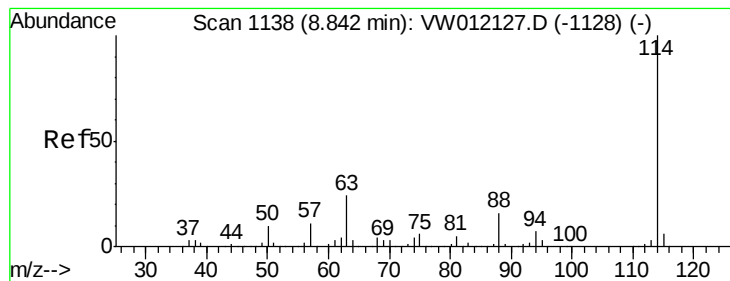
Tot Ion: 42 Resp: 5441
Ion Ratio Lower Upper
42 100
72 34.1 27.3 40.9
71 32.0 25.5 38.3



#33
1,2-Dichloroethane-d4
Concen: 55.311 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW012679.D
Acq: 06 Sep 2019 08:39

Tgt Ion: 65 Resp: 172903
Ion Ratio Lower Upper
65 100
67 49.8 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: VW012679.D

Acq: 06 Sep 2019 08:39

Instrument :

MSVOA_W

ClientSampled :

T12-C2-(3.5)

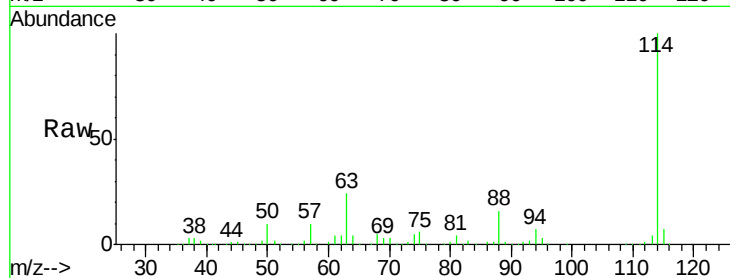
Tot Ion:114 Resp: 423627

Ion Ratio Lower Upper

114 100

63 24.0 0.0 48.6

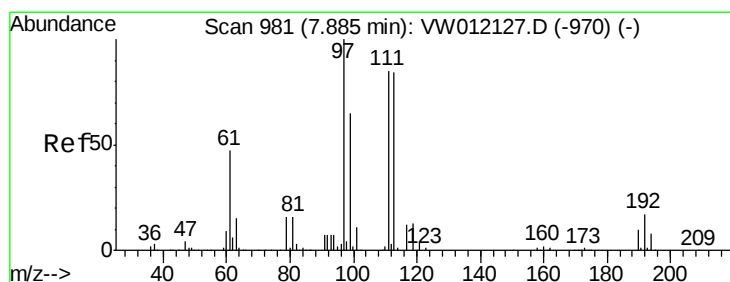
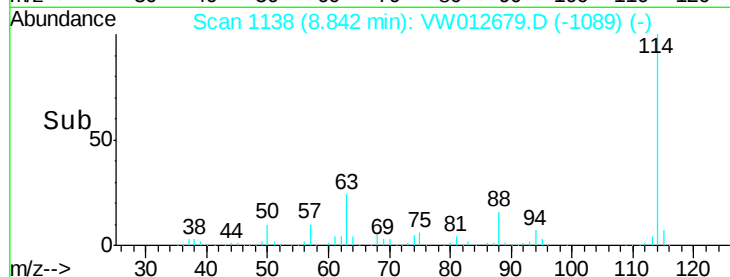
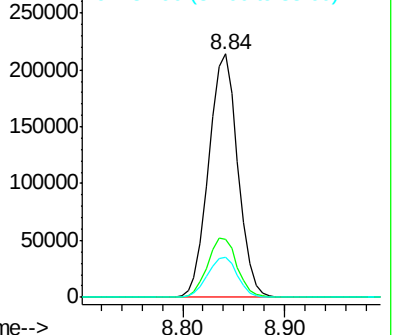
88 16.5 0.0 32.2



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: 52.601 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012679.D

Acq: 06 Sep 2019 08:39

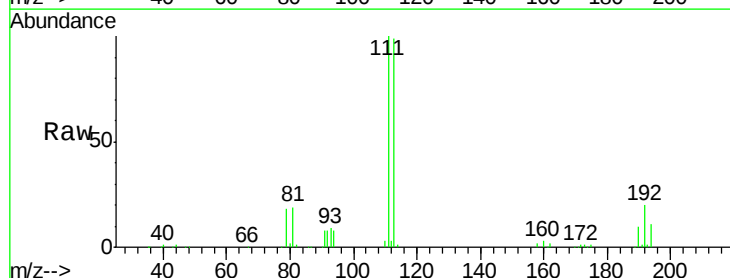
Tgt Ion:113 Resp: 133010

Ion Ratio Lower Upper

113 100

111 103.7 82.7 124.1

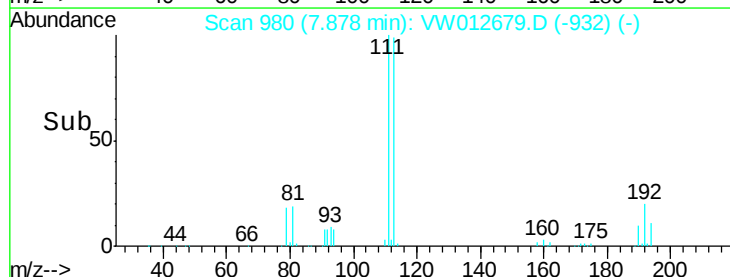
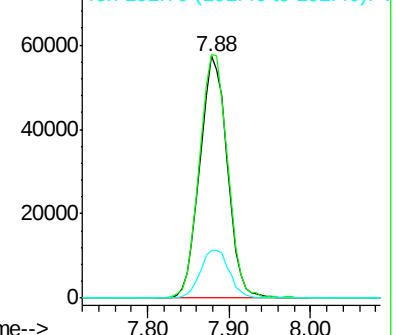
192 21.0 16.2 24.2

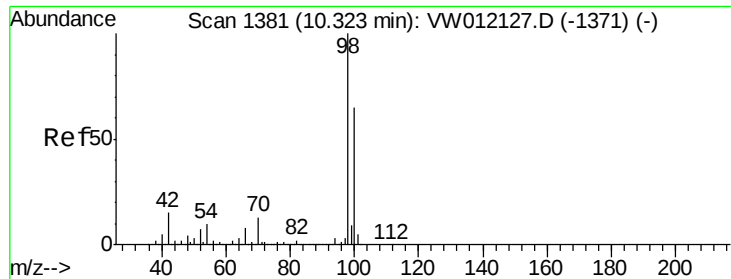


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.448 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012679.D

Acq: 06 Sep 2019 08:39

Instrument :

MSVOA_W

ClientSampleId :

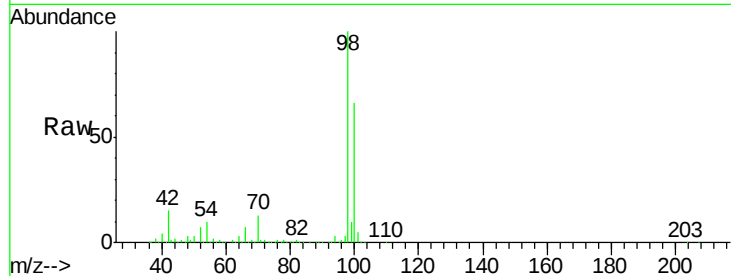
T12-C2-(3.5)

Tot Ion: 98 Resp: 517237

Ion Ratio Lower Upper

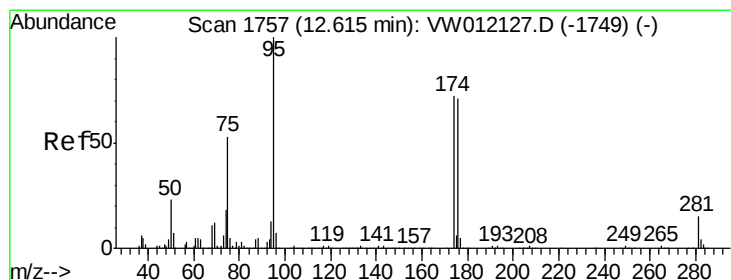
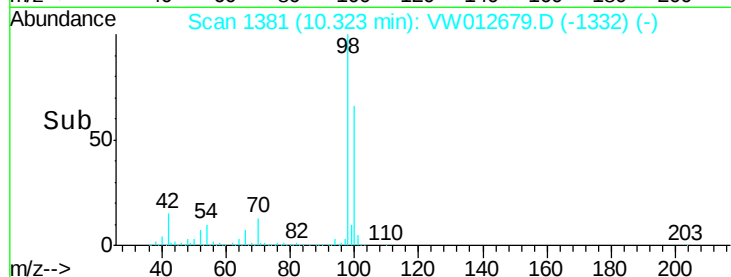
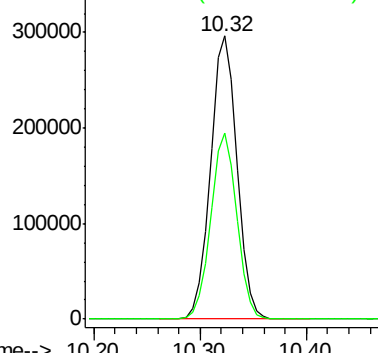
98 100

100 64.7 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 40.201 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012679.D

Acq: 06 Sep 2019 08:39

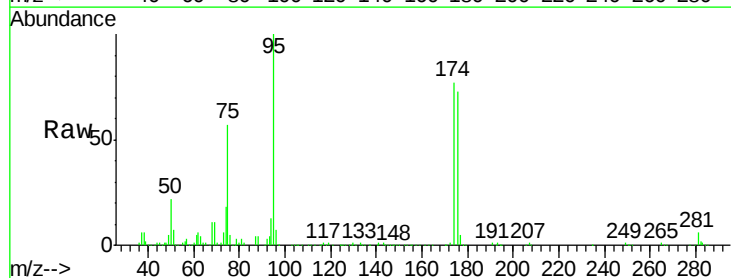
Tgt Ion: 95 Resp: 145292

Ion Ratio Lower Upper

95 100

174 80.1 0.0 150.8

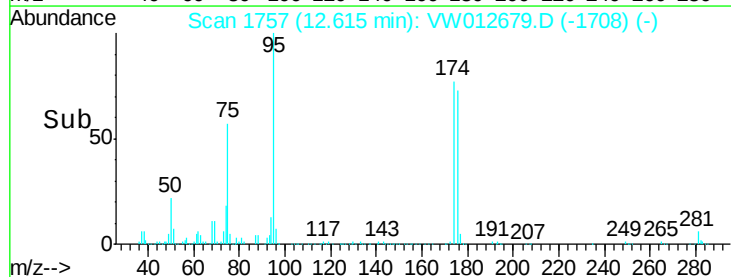
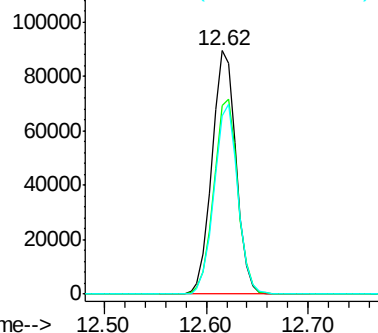
176 77.3 0.0 148.6

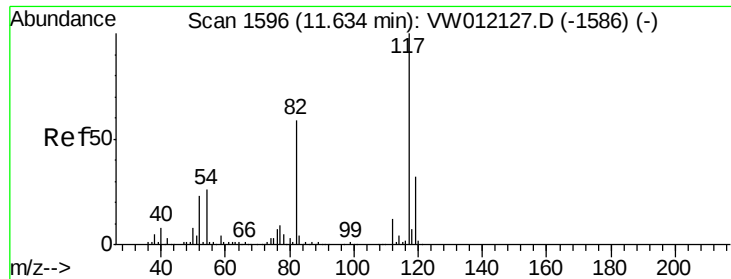


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

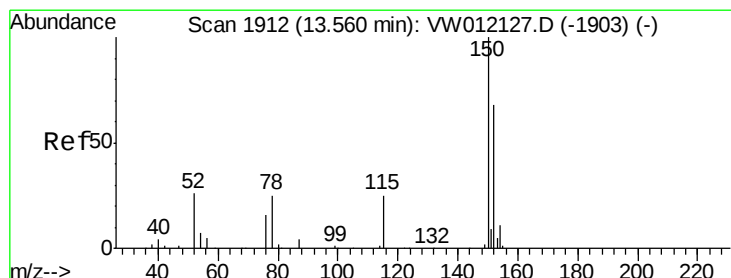
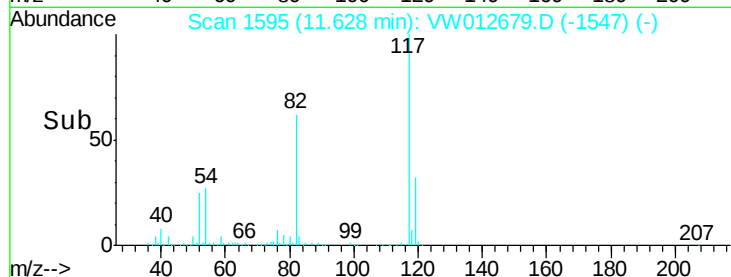
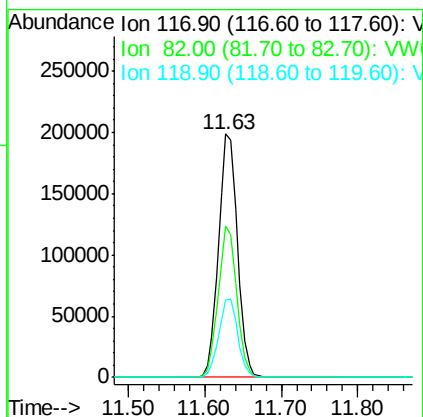
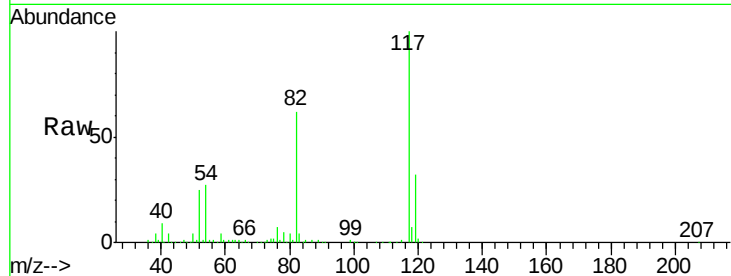




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012679.D
Acq: 06 Sep 2019 08:39

Instrument :
MSVOA_W
ClientSampleId :
T12-C2-(3.5)

Tot Ion:117 Resp: 339671
Ion Ratio Lower Upper
117 100
82 62.2 47.4 71.2
119 32.0 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: VW012679.D
Acq: 06 Sep 2019 08:39

Tgt Ion:152 Resp: 109284
Ion Ratio Lower Upper
152 100
115 60.2 30.1 90.3
150 156.9 0.0 345.8

