

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090119\
 Data File : VW012483.D
 Acq On : 02 Sep 2019 07:33
 Operator : SY/VA
 Sample : K4528-11
 Misc : 5.54G/5ML/MSVOA W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-S1-(0)

Quant Time: Sep 02 08:52:59 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

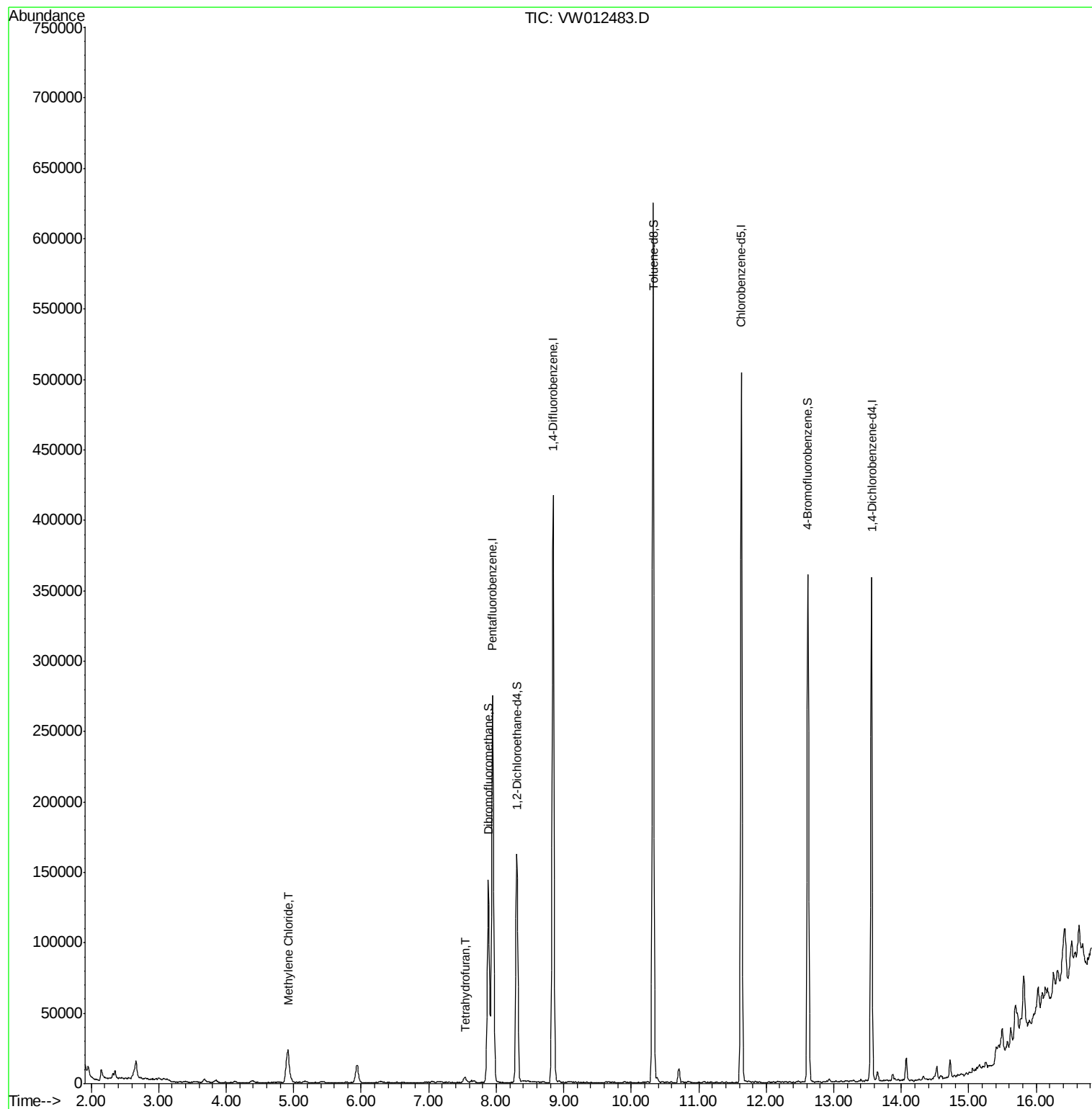
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	196484	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	318320	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	259525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	88110	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	129424	55.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.82%	
35) Dibromofluoromethane	7.88	113	100598	52.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.88%	
50) Toluene-d8	10.32	98	385652	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.62	95	114006	41.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.96%	
Target Compounds						
20) Methylene Chloride	4.92	84	16771	7.430	ug/l	97
29) Tetrahydrofuran	7.54	42	4090	8.402	ug/l	96

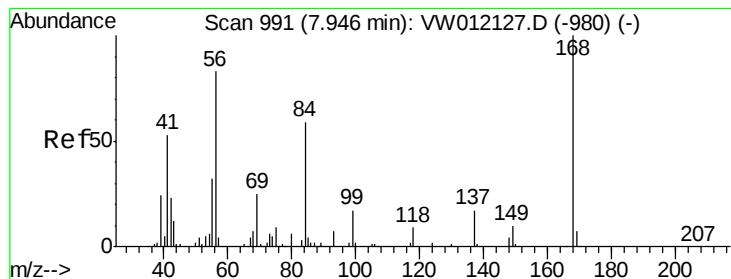
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090119\
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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: VW012483.D

Acq: 02 Sep 2019 07:33

Instrument :

MSVOA_W

ClientSampleId :

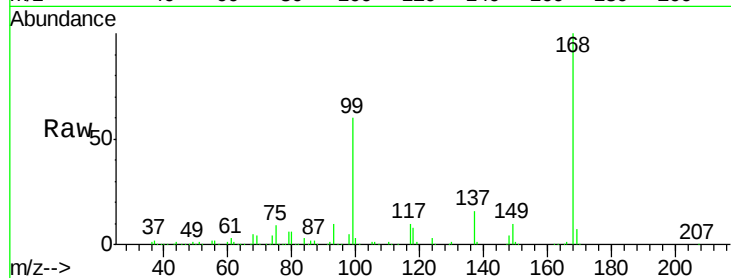
T9-12-13-S1-(0)

Tot Ion:168 Resp: 196484

Ion Ratio Lower Upper

168 100

99 60.3 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

80000

60000

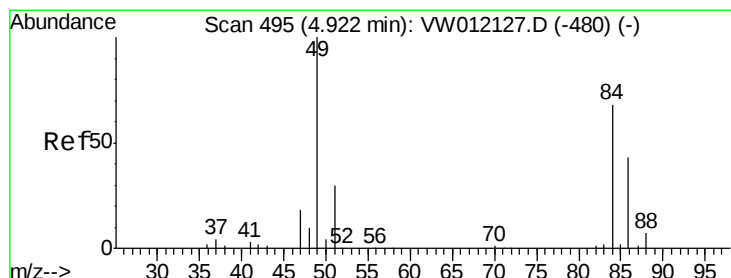
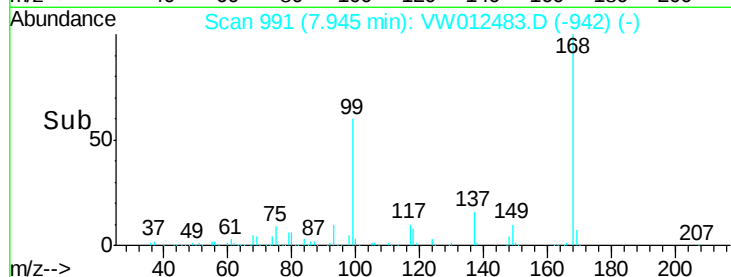
40000

20000

0

7.90 8.00 8.10

Time-->



#20

Methylene Chloride

Concen: 7.430 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012483.D

Acq: 02 Sep 2019 07:33

Tgt Ion: 84 Resp: 16771

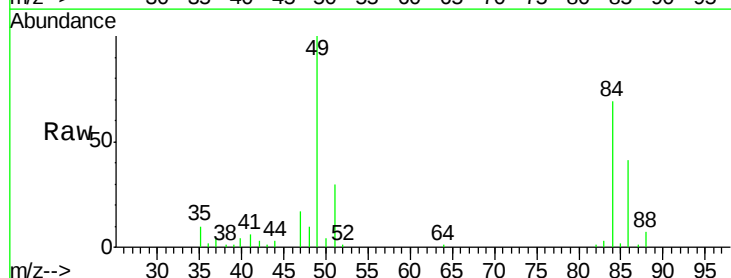
Ion Ratio Lower Upper

84 100

49 145.3 117.8 176.8

51 43.0 35.6 53.4

86 59.7 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

4.92

10000

8000

6000

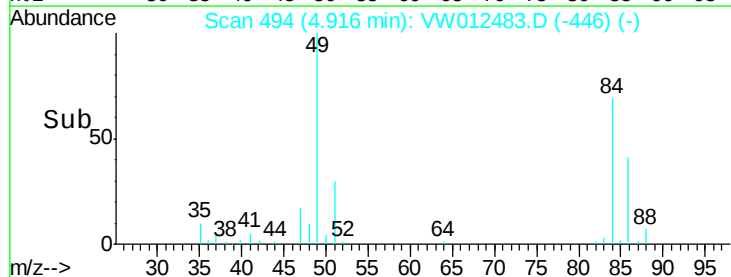
4000

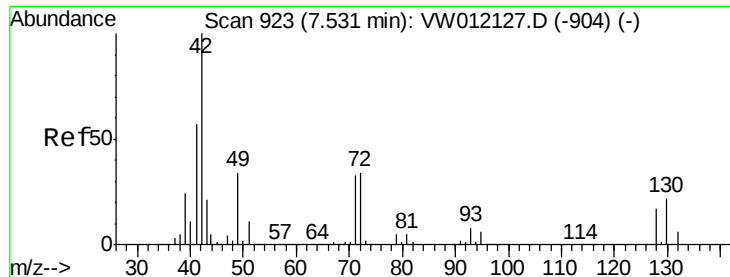
2000

0

4.80 4.90 5.00 5.10

Time-->





#29

Tetrahydrofuran

Concen: 8.402 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012483.D

Acq: 02 Sep 2019 07:33

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-S1-(0)

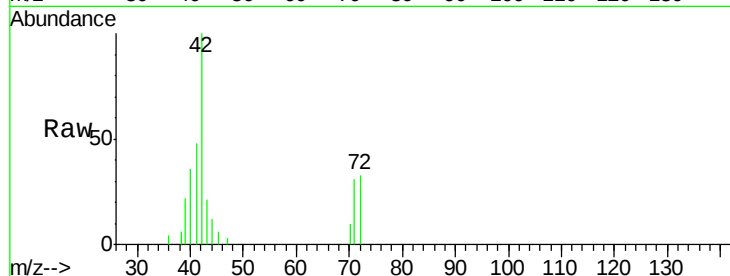
Tot Ion: 42 Resp: 4090

Ion Ratio Lower Upper

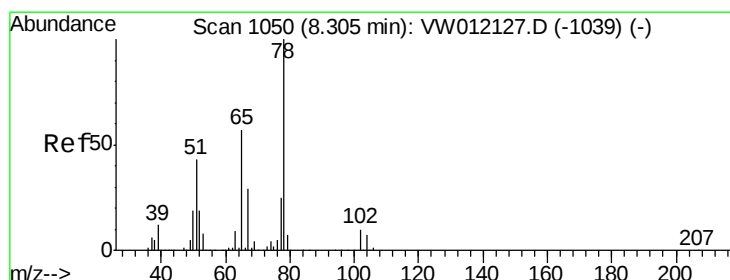
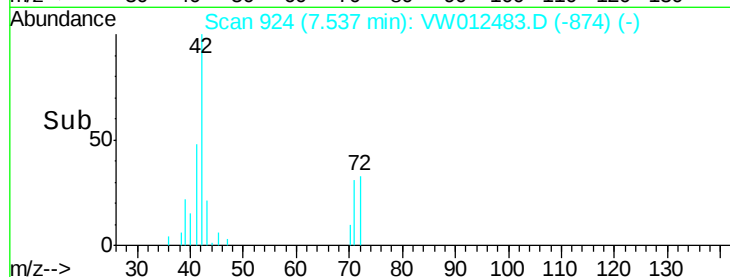
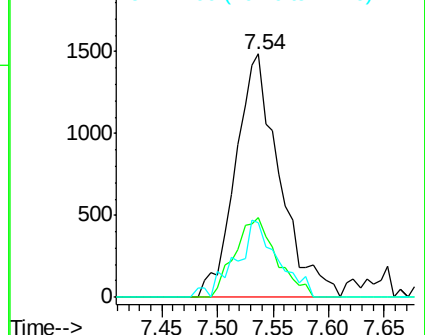
42 100

72 30.8 27.3 40.9

71 30.1 25.5 38.3



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#33

1,2-Dichloroethane-d4

Concen: 55.411 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012483.D

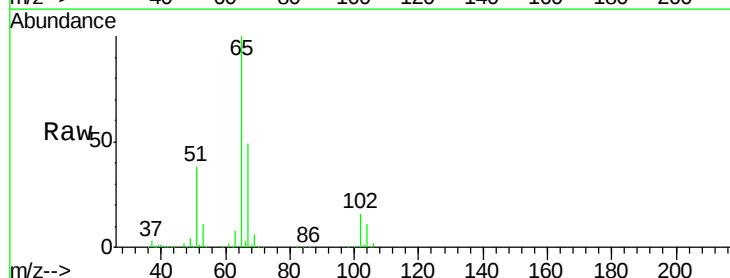
Acq: 02 Sep 2019 07:33

Tgt Ion: 65 Resp: 129424

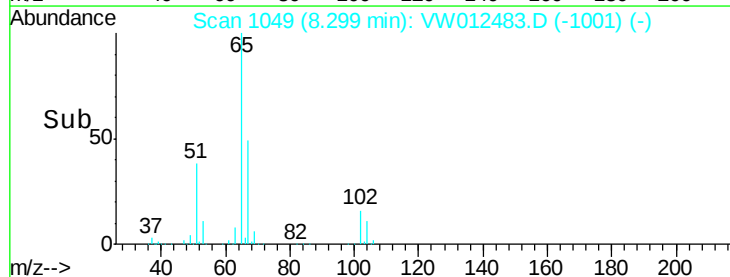
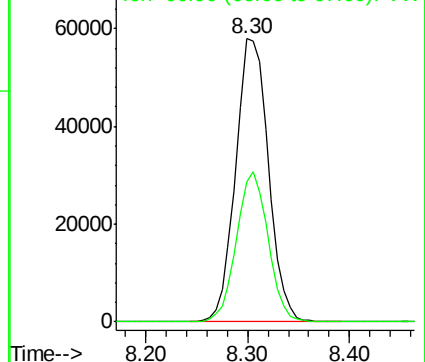
Ion Ratio Lower Upper

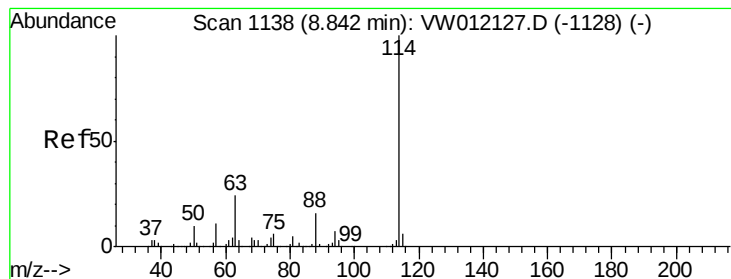
65 100

67 51.0 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012483.D

Acq: 02 Sep 2019 07:33

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-S1-(0)

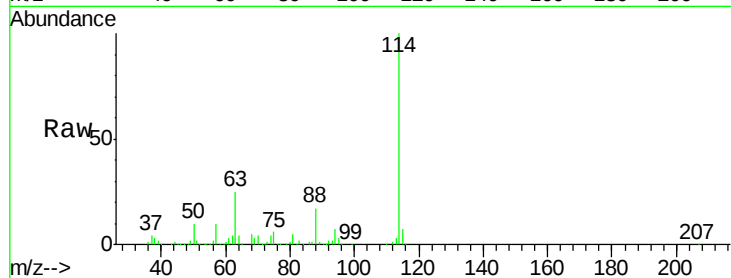
Tot Ion:114 Resp: 318320

Ion Ratio Lower Upper

114 100

63 25.3 0.0 48.6

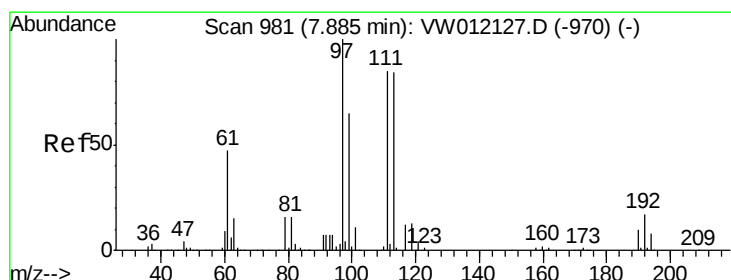
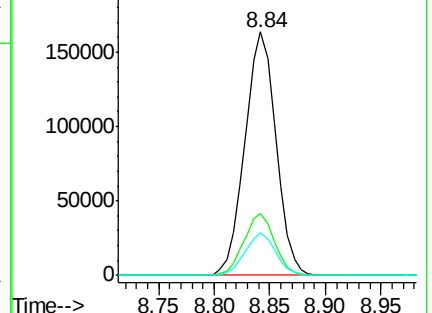
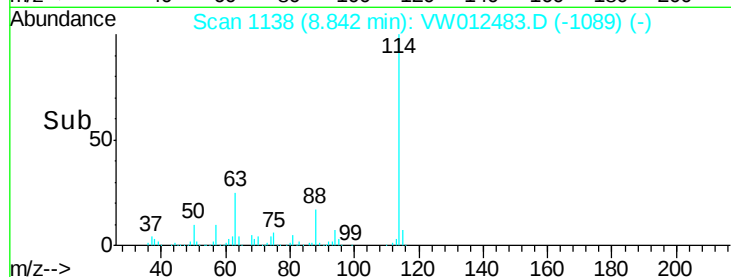
88 17.3 0.0 32.2



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: 52.945 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012483.D

Acq: 02 Sep 2019 07:33

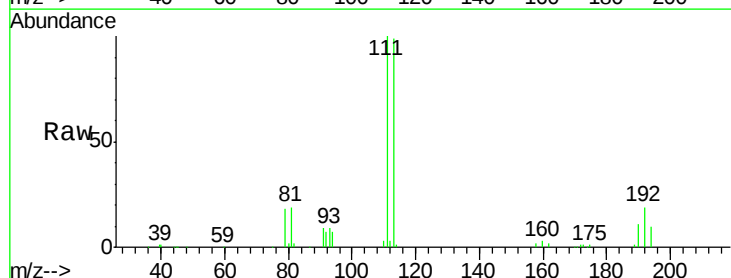
Tgt Ion:113 Resp: 100598

Ion Ratio Lower Upper

113 100

111 102.7 82.7 124.1

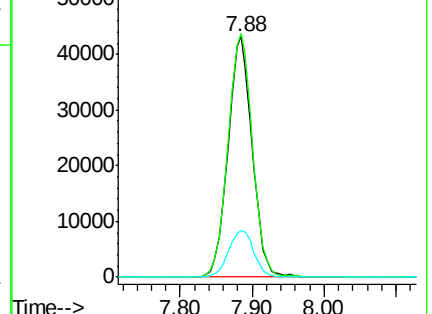
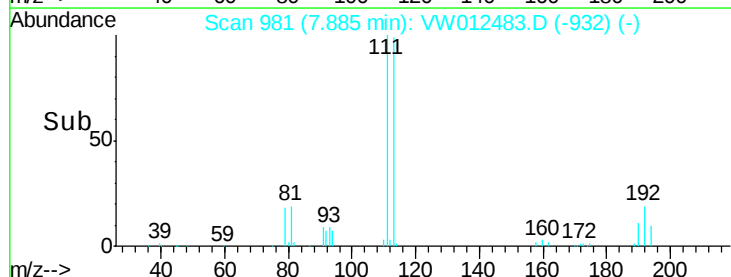
192 20.1 16.2 24.2

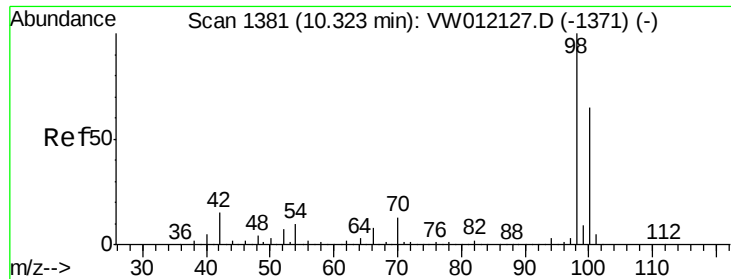


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.057 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012483.D

Acq: 02 Sep 2019 07:33

Instrument :

MSVOA_W

ClientSampleId :

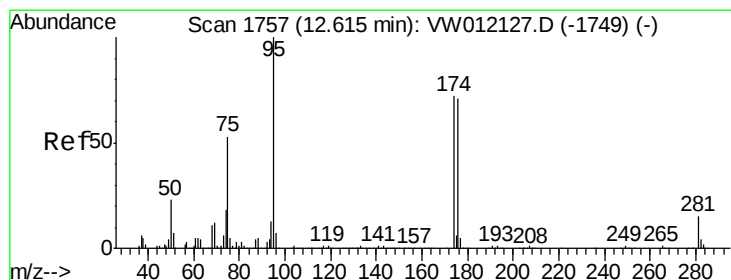
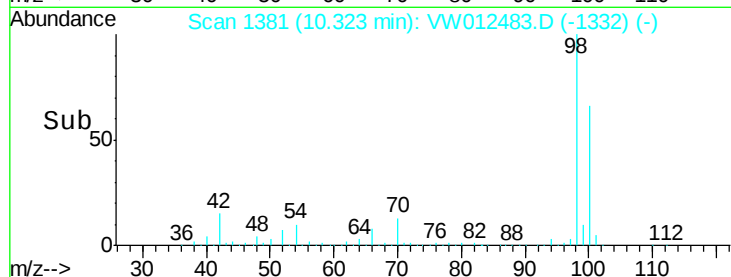
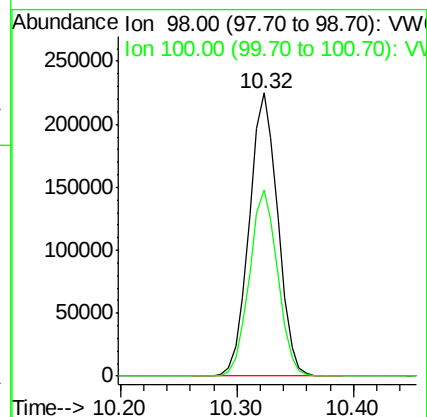
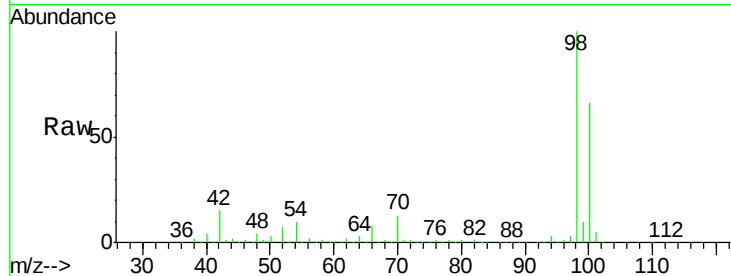
T9-12-13-S1-(0)

Tot Ion: 98 Resp: 385652

Ion Ratio Lower Upper

98 100

100 65.3 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 41.980 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012483.D

Acq: 02 Sep 2019 07:33

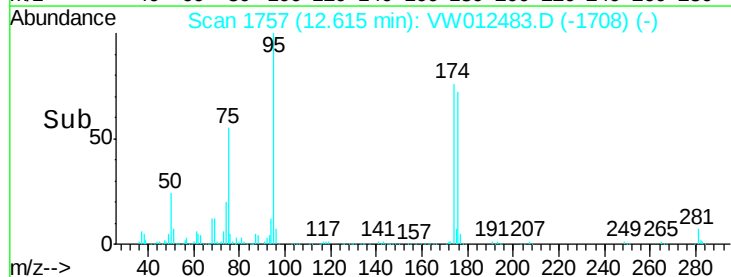
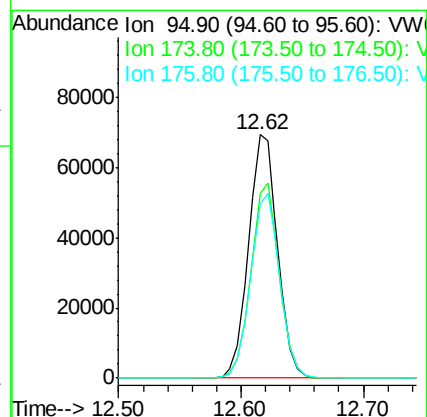
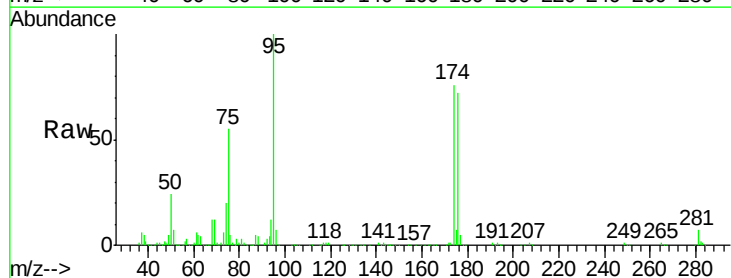
Tgt Ion: 95 Resp: 114006

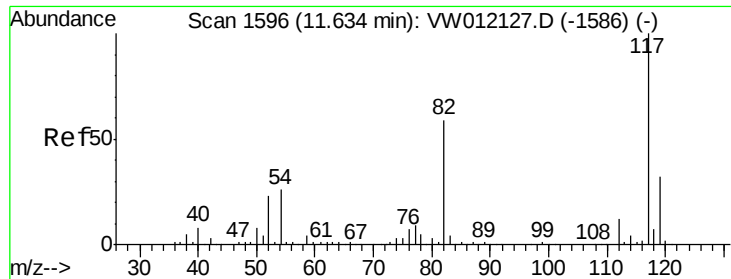
Ion Ratio Lower Upper

95 100

174 78.4 0.0 150.8

176 76.0 0.0 148.6

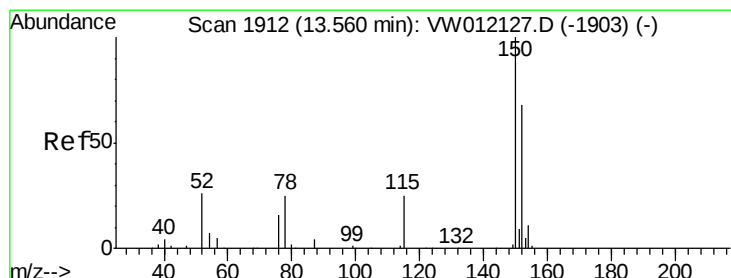
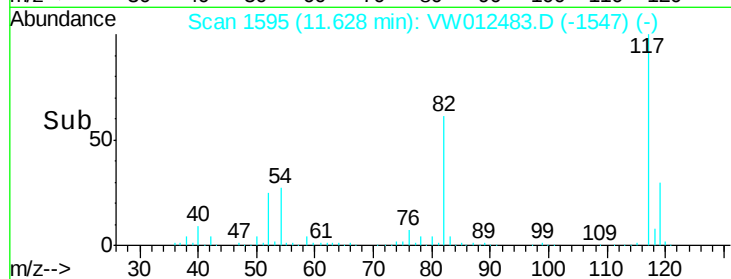
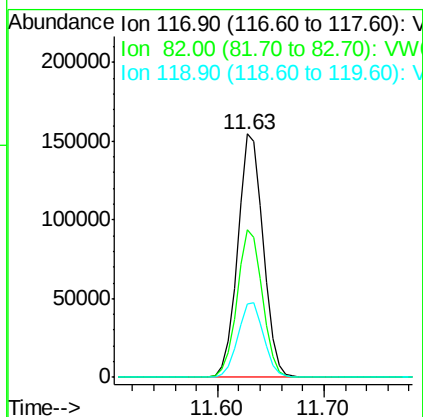
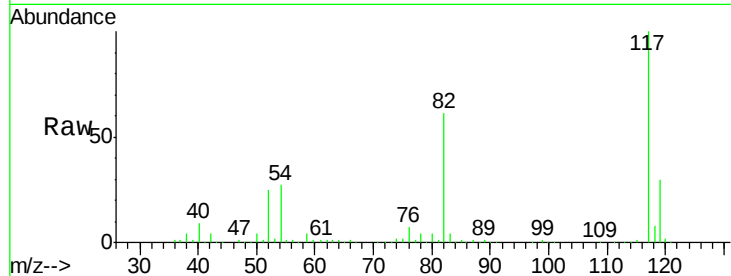




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012483.D
Acq: 02 Sep 2019 07:33

Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-S1-(0)

Tot Ion:117 Resp: 259525
Ion Ratio Lower Upper
117 100
82 60.9 47.4 71.2
119 30.2 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: VW012483.D
Acq: 02 Sep 2019 07:33

Tgt Ion:152 Resp: 88110
Ion Ratio Lower Upper
152 100
115 60.5 30.1 90.3
150 158.3 0.0 345.8

