

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090419\
 Data File : VW012606.D
 Acq On : 04 Sep 2019 21:56
 Operator : SY/VA
 Sample : K4601-02
 Misc : 4.25G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T12-E1-(0)

Quant Time: Sep 05 07:23:15 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

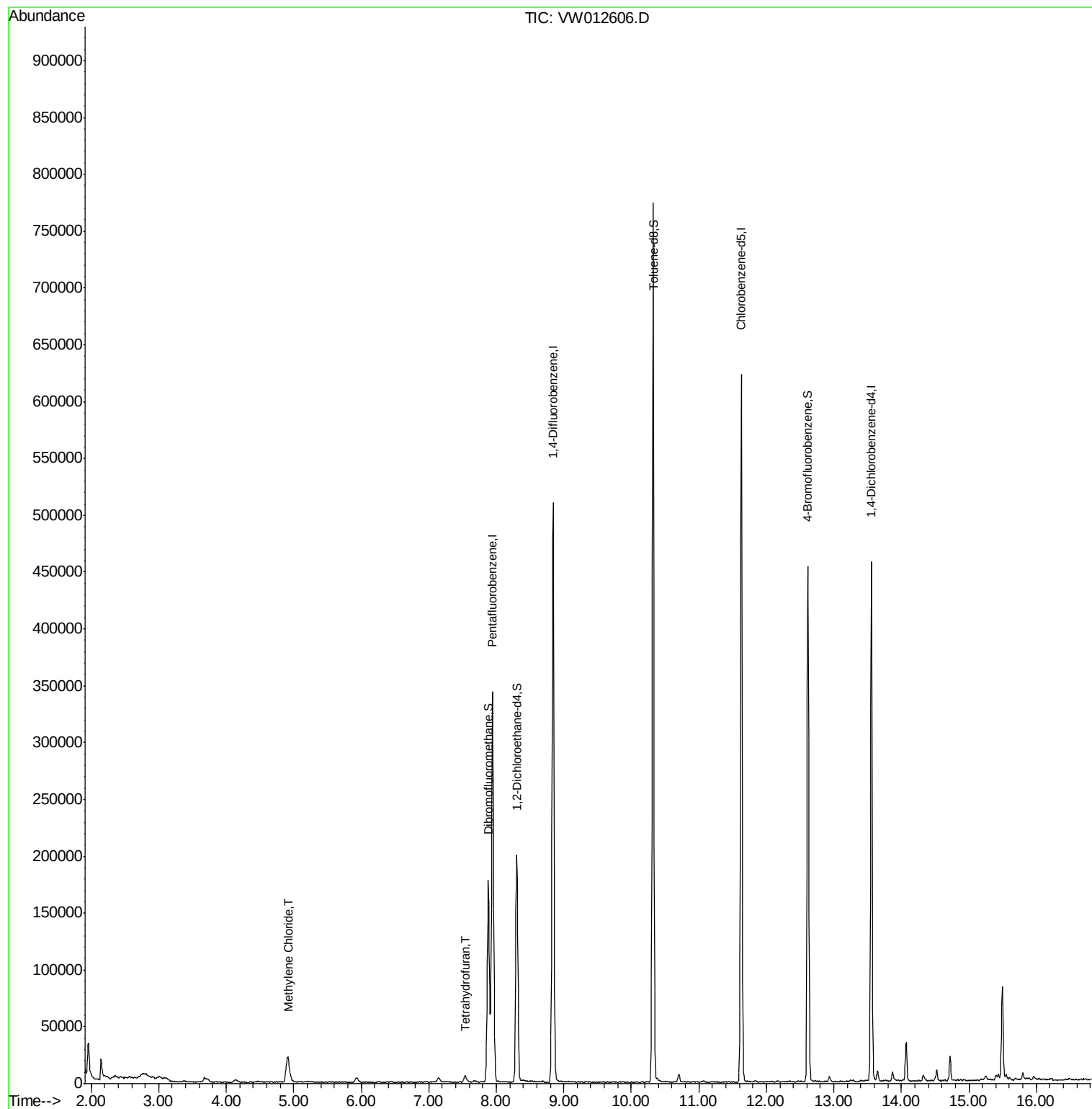
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	241719	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	396749	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	322092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	114824	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	162729	56.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.26%	
35) Dibromofluoromethane	7.88	113	123906	52.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.64%	
50) Toluene-d8	10.32	98	479167	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.62	95	141708	41.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.74%	
Target Compounds						
20) Methylene Chloride	4.92	84	17165	6.182	ug/l	95
29) Tetrahydrofuran	7.53	42	5167	8.628	ug/l	96

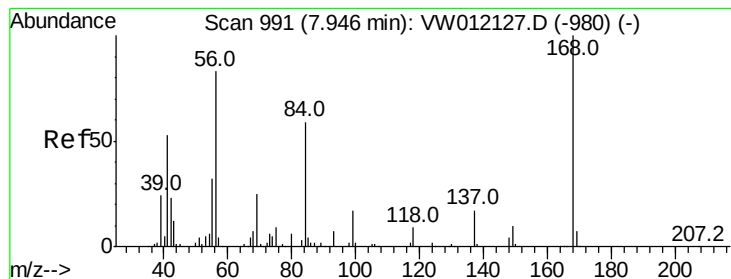
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012606.D

Acq: 04 Sep 2019 21:56

Instrument :

MSVOA_W

ClientSampleId :

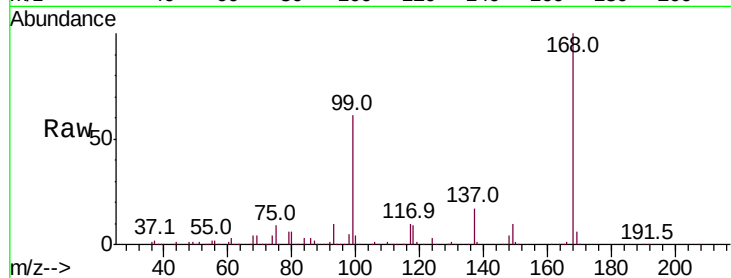
T12-E1-(0)

Tot Ion:168 Resp: 241719

Ion Ratio Lower Upper

168 100

99 60.8 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

120000

100000

80000

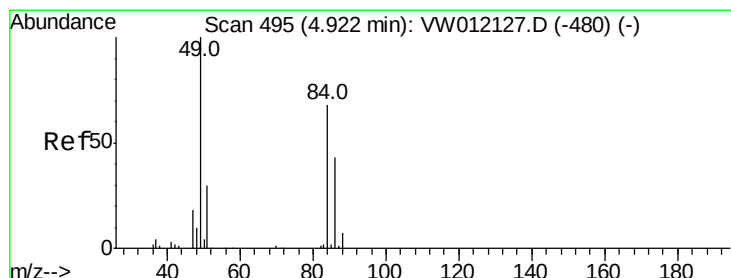
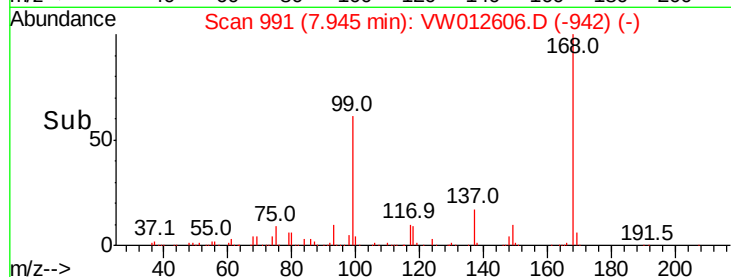
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 6.182 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012606.D

Acq: 04 Sep 2019 21:56

Tgt Ion: 84 Resp: 17165

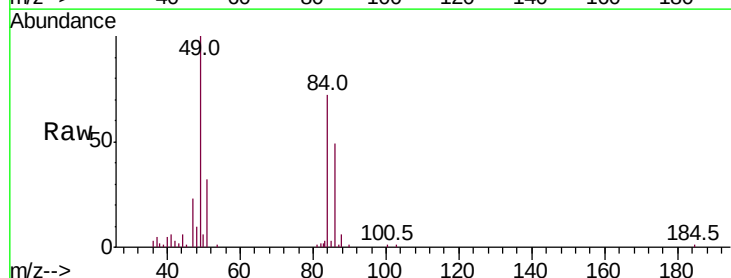
Ion Ratio Lower Upper

84 100

49 138.7 117.8 176.8

51 44.2 35.6 53.4

86 67.4 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

10000

8000

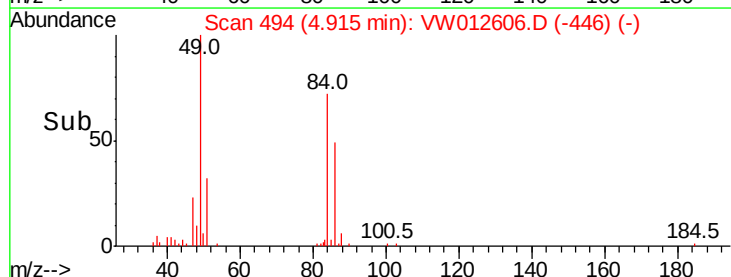
6000

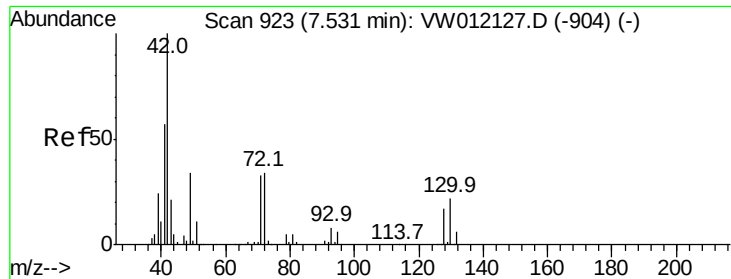
4000

2000

0

Time-->





#29

Tetrahydrofuran

Concen: 8.628 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW012606.D

Acq: 04 Sep 2019 21:56

Instrument :

MSVOA_W

ClientSampleId :

T12-E1-(0)

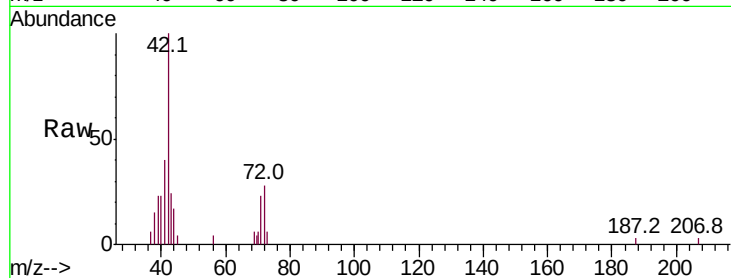
Tot Ion: 42 Resp: 5167

Ion Ratio Lower Upper

42 100

72 37.7 27.3 40.9

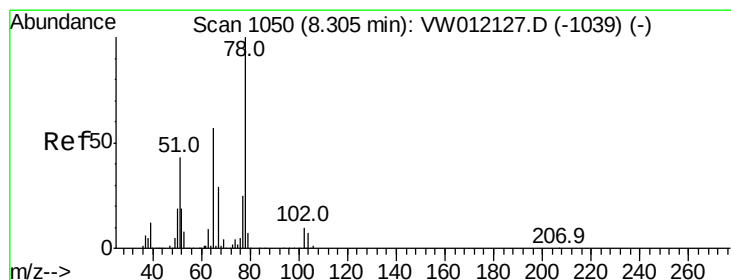
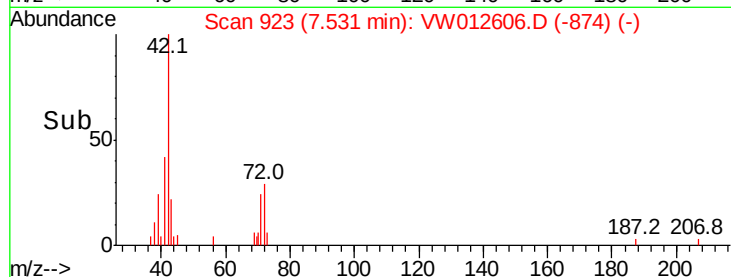
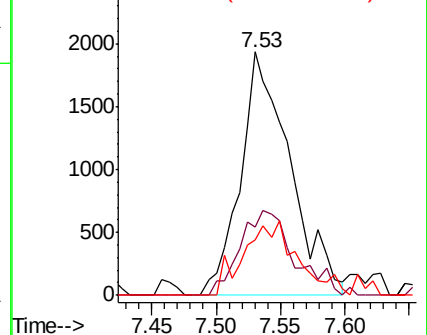
71 33.1 25.5 38.3



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: 56.632 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012606.D

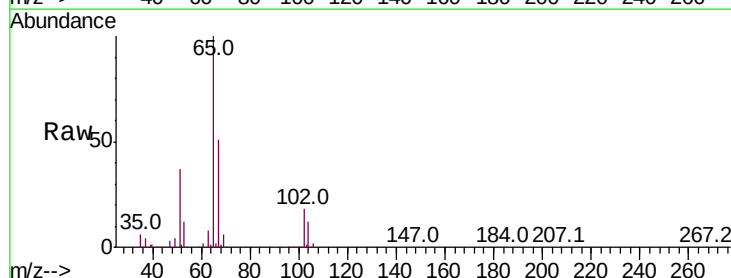
Acq: 04 Sep 2019 21:56

Tgt Ion: 65 Resp: 162729

Ion Ratio Lower Upper

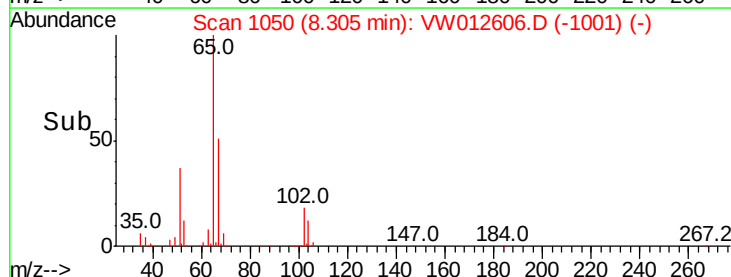
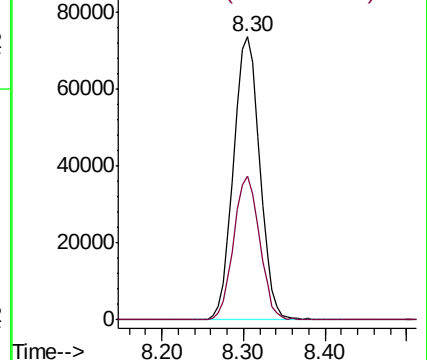
65 100

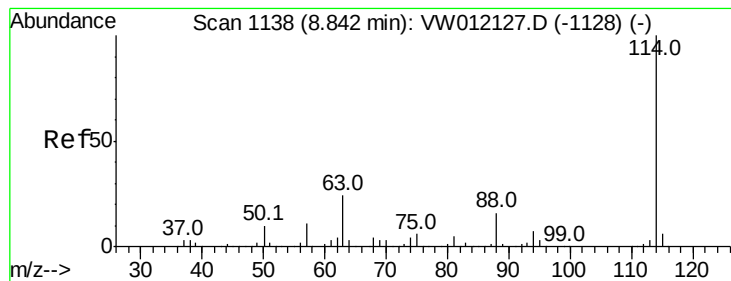
67 50.4 0.0 102.6



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: VW012606.D

Acq: 04 Sep 2019 21:56

Instrument :

MSVOA_W

ClientSampleId :

T12-E1-(0)

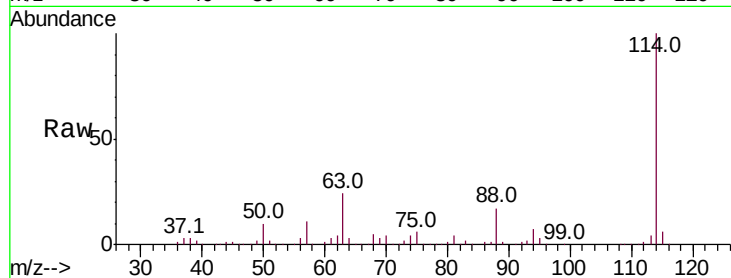
Tot Ion:114 Resp: 396749

Ion Ratio Lower Upper

114 100

63 23.8 0.0 48.6

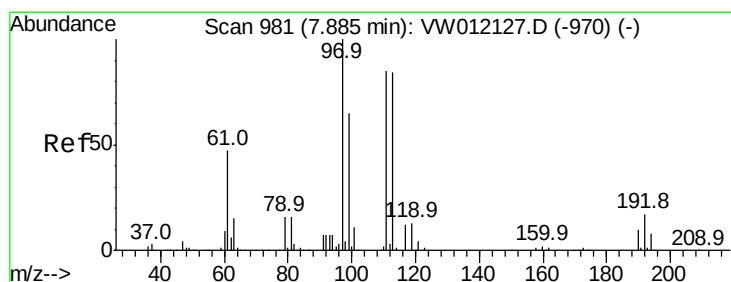
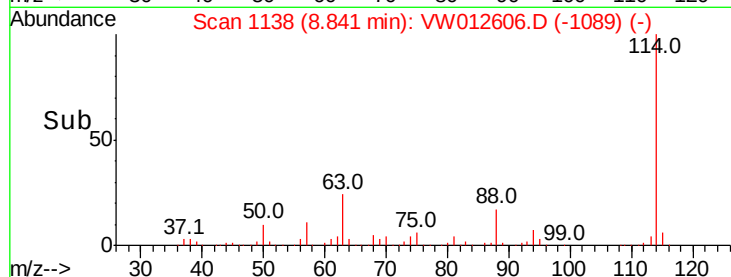
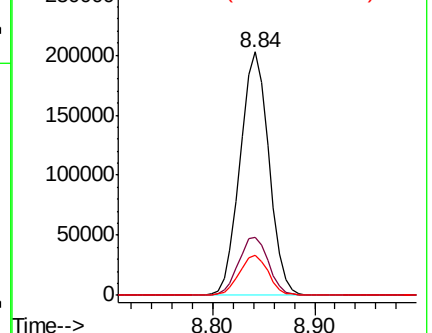
88 16.7 0.0 32.2



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: 52.321 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012606.D

Acq: 04 Sep 2019 21:56

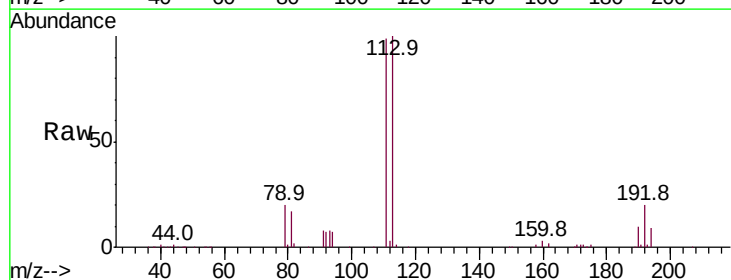
Tgt Ion:113 Resp: 123906

Ion Ratio Lower Upper

113 100

111 103.4 82.7 124.1

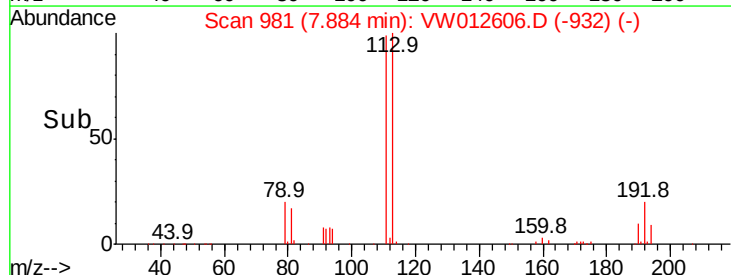
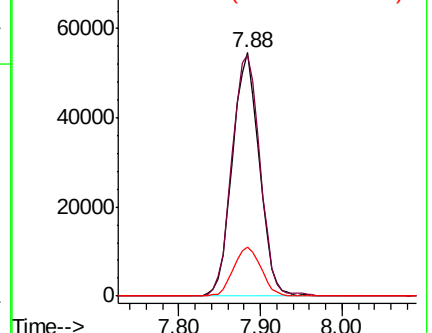
192 20.7 16.2 24.2

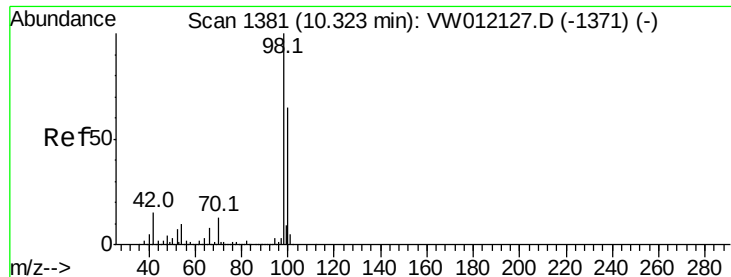


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

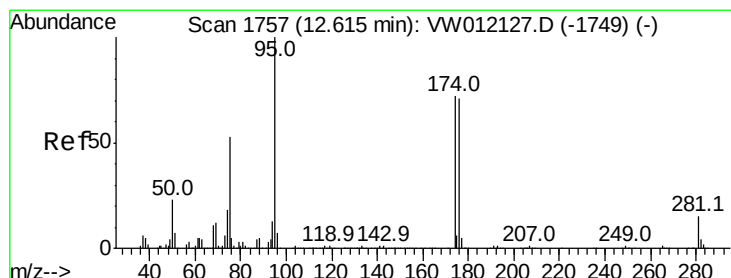
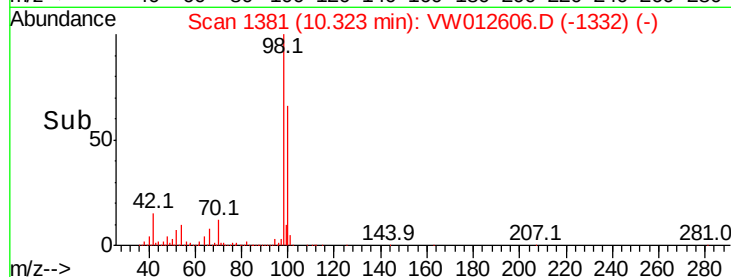
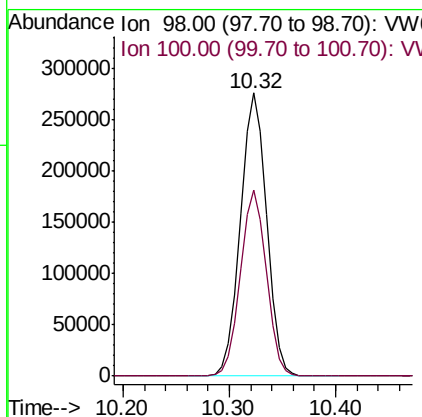
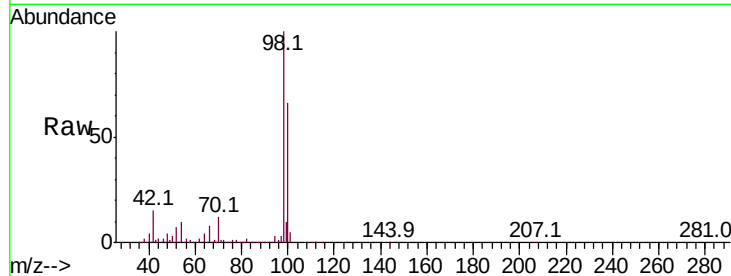




#50
Toluene-d8
Concen: 49.901 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012606.D
Acq: 04 Sep 2019 21:56

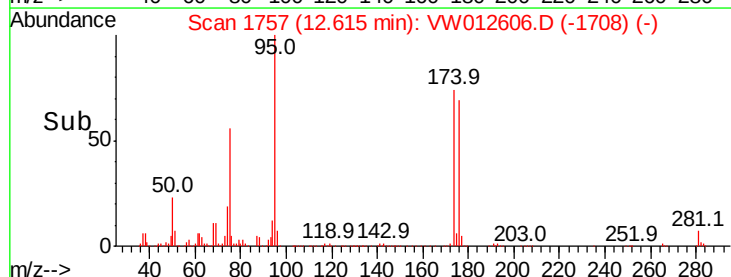
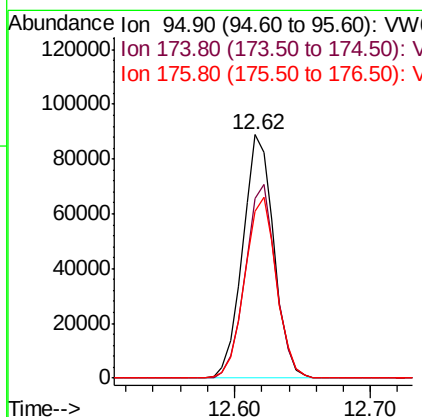
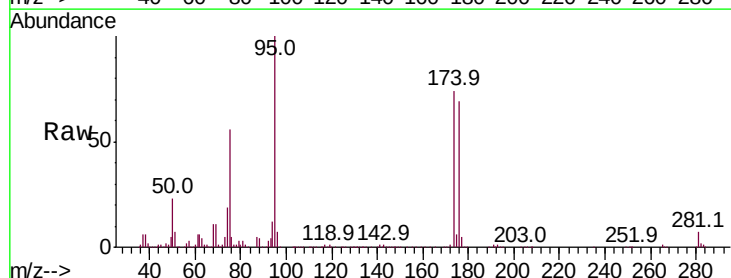
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T12-E1-(0)

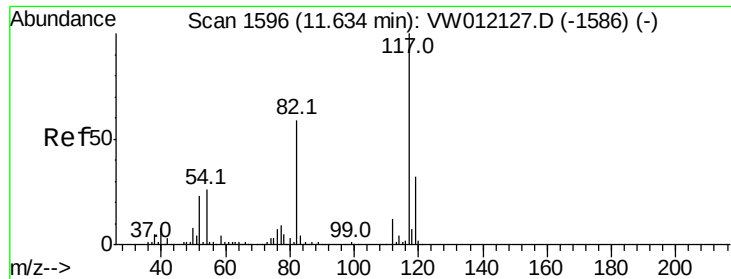
Tot Ion: 98 Resp: 479167
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 41.866 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012606.D
Acq: 04 Sep 2019 21:56

Tgt Ion: 95 Resp: 141708
Ion Ratio Lower Upper
95 100
174 79.0 0.0 150.8
176 76.0 0.0 148.6

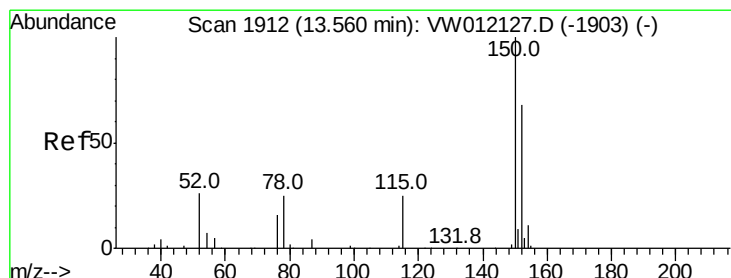
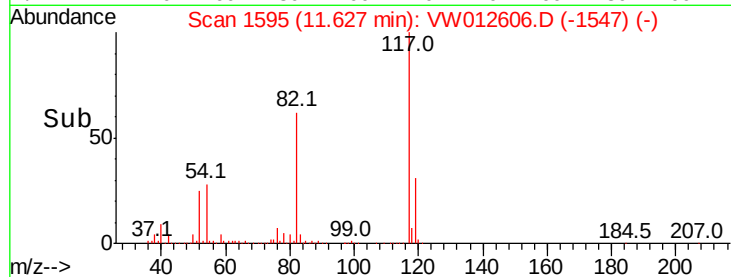
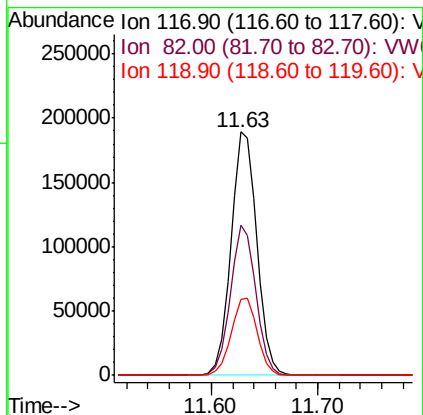
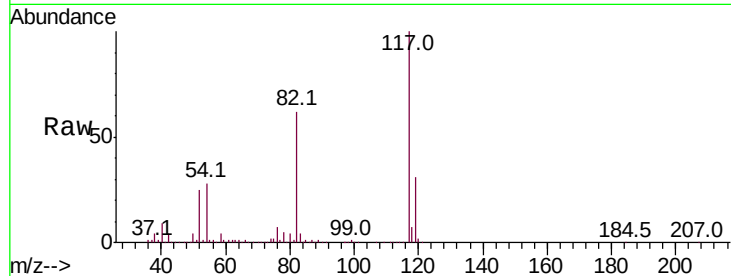




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012606.D
Acq: 04 Sep 2019 21:56

Instrument :
MSVOA_W
ClientSampleId :
T12-E1-(0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.6	47.4	71.2
119	31.4	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: VW012606.D
Acq: 04 Sep 2019 21:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.5	30.1	90.3
150	157.7	0.0	345.8

