

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090119\
 Data File : VW012460.D
 Acq On : 01 Sep 2019 20:22
 Operator : SY/VA
 Sample : K4526-06
 Misc : 4.99G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-F1-(0)

Quant Time: Sep 02 08:06:11 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

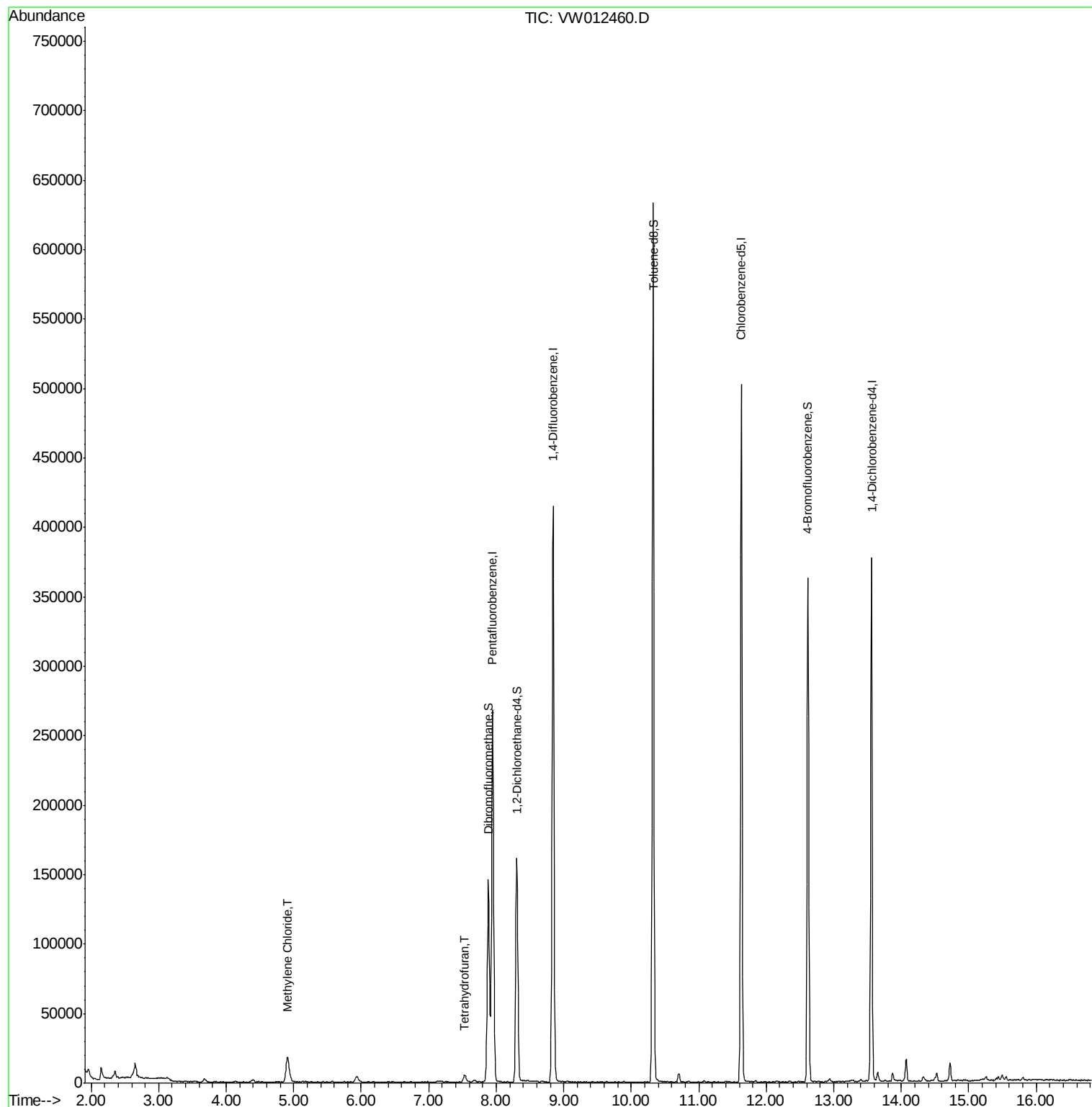
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	192107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	318144	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	257795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	93936	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	130706	57.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.46%	
35) Dibromofluoromethane	7.88	113	102170	53.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.60%	
50) Toluene-d8	10.32	98	387665	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
62) 4-Bromofluorobenzene	12.62	95	114779	42.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.58%	
Target Compounds						
20) Methylene Chloride	4.90	84	12885	5.839	ug/l	95
29) Tetrahydrofuran	7.52	42	4470	9.392	ug/l	94

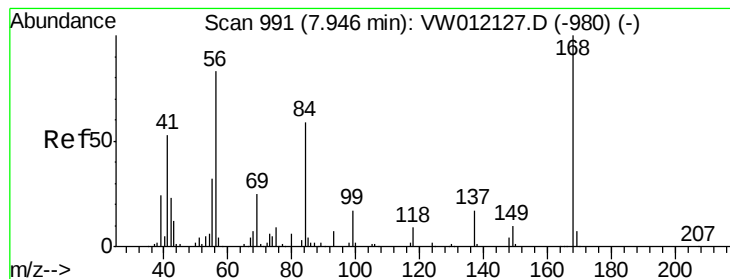
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW012460.D

Acq: 01 Sep 2019 20:22

Instrument :

MSVOA_W

ClientSampleId :

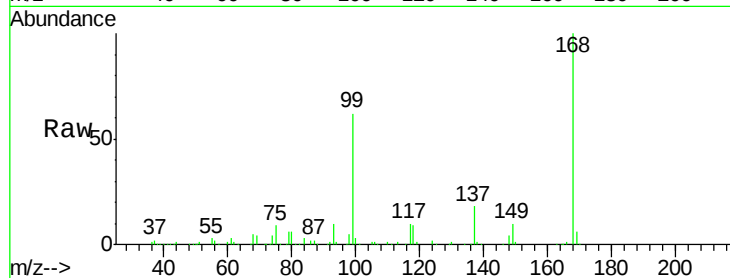
T9-12-13-F1-(0)

Tot Ion:168 Resp: 192107

Ion Ratio Lower Upper

168 100

99 61.7 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

80000

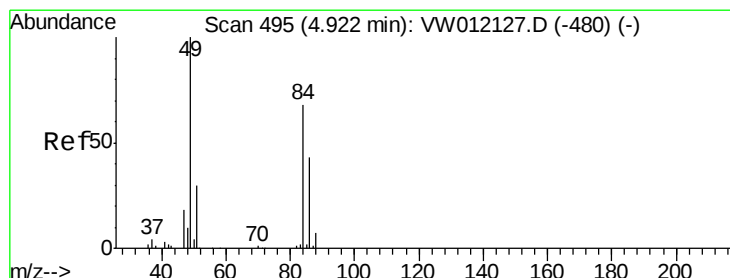
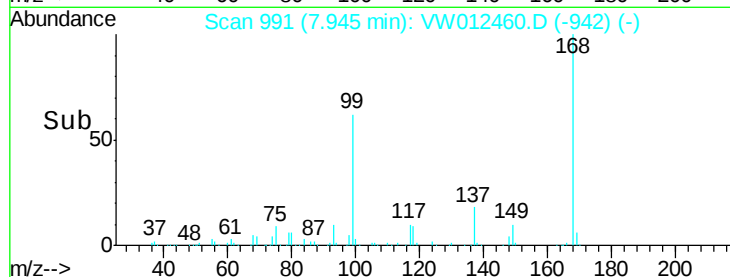
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 5.839 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.02 min

Lab File: VW012460.D

Acq: 01 Sep 2019 20:22

Tgt Ion: 84 Resp: 12885

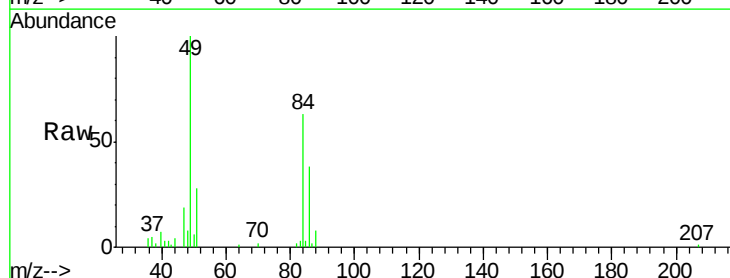
Ion Ratio Lower Upper

84 100

49 156.1 117.8 176.8

51 44.0 35.6 53.4

86 60.1 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

4.90

8000

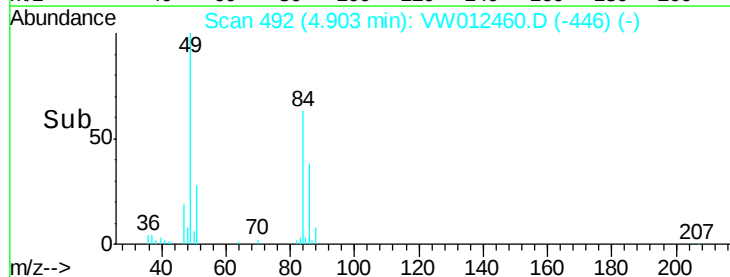
6000

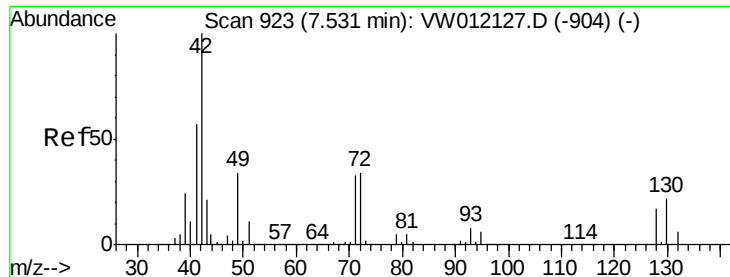
4000

2000

0

Time-->

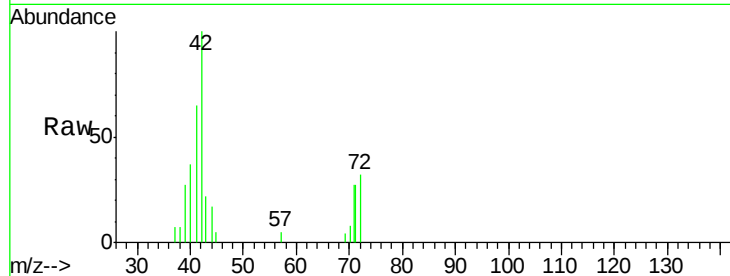




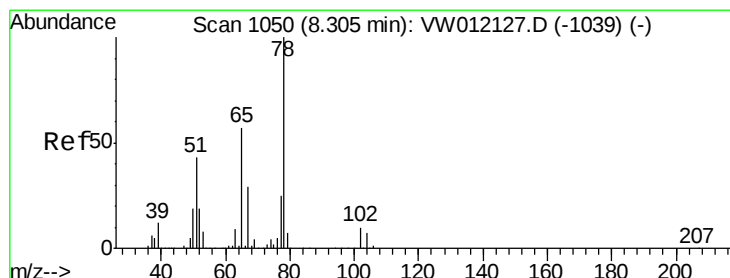
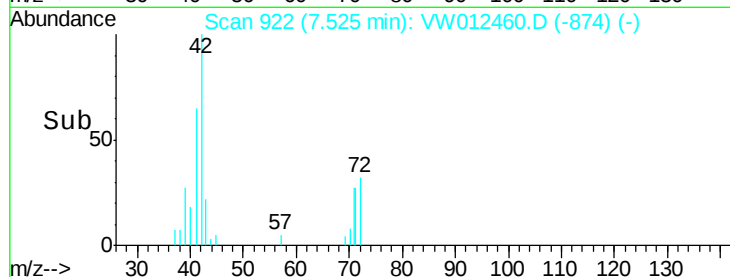
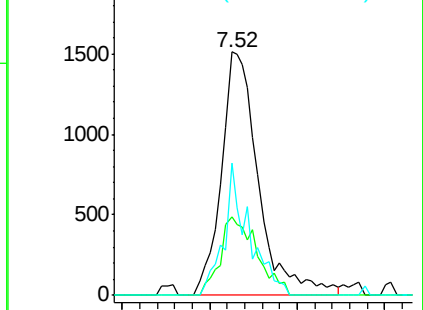
#29
Tetrahydrofuran
Concen: 9.392 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW012460.D
Acq: 01 Sep 2019 20:22

Instrument :
MSVOA_W
ClientSampled :
T9-12-13-F1-(0)

Tot Ion	42	Resp	4470
Ion Ratio	Lower	Upper	
42	100		
72	31.8	27.3	40.9
71	36.5	25.5	38.3

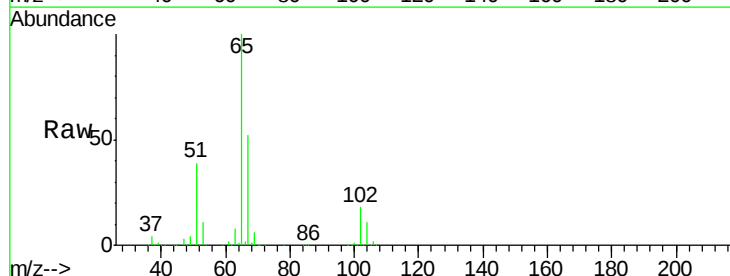


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

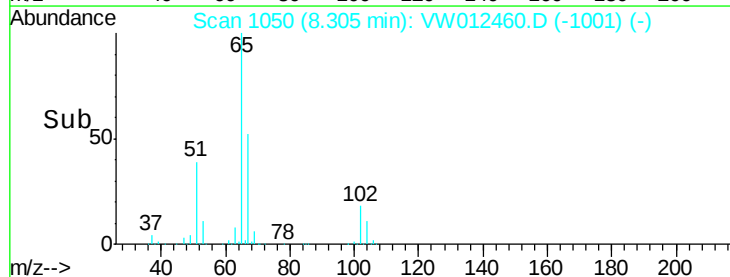
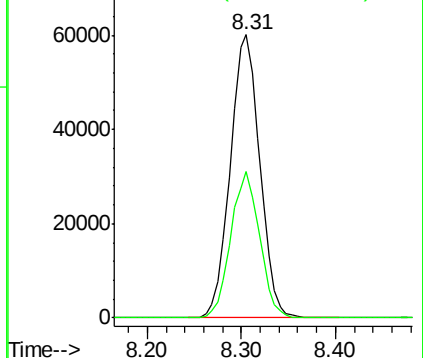


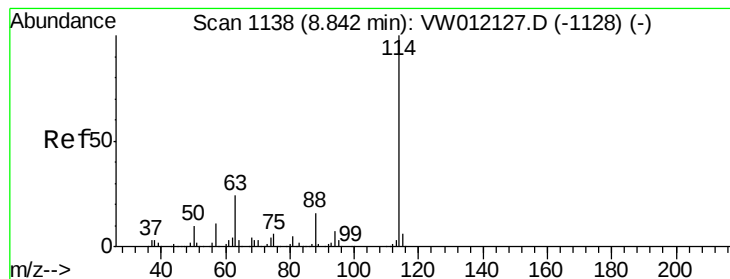
#33
1,2-Dichloroethane-d4
Concen: 57.235 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012460.D
Acq: 01 Sep 2019 20:22

Tgt Ion	65	Resp	130706
Ion Ratio	Lower	Upper	
65	100		
67	50.5	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: VW012460.D

Acq: 01 Sep 2019 20:22

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-F1-(0)

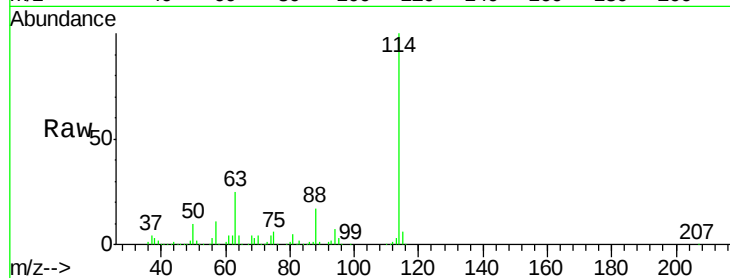
Tot Ion:114 Resp: 318144

Ion Ratio Lower Upper

114 100

63 25.4 0.0 48.6

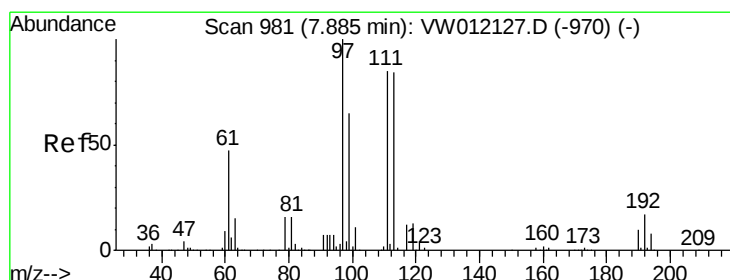
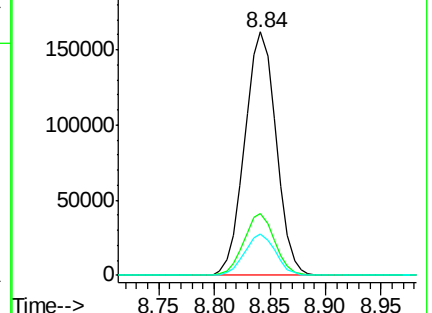
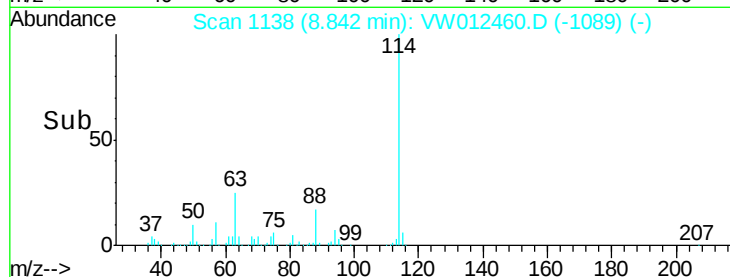
88 17.1 0.0 32.2



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: 53.802 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012460.D

Acq: 01 Sep 2019 20:22

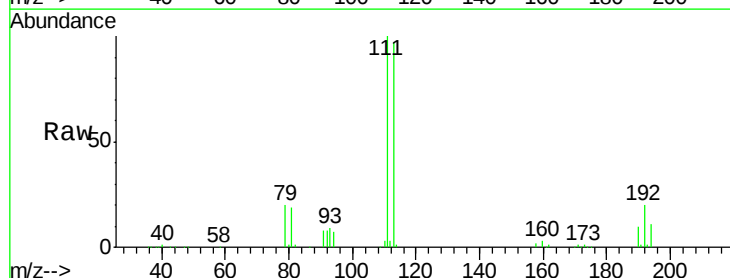
Tgt Ion:113 Resp: 102170

Ion Ratio Lower Upper

113 100

111 101.9 82.7 124.1

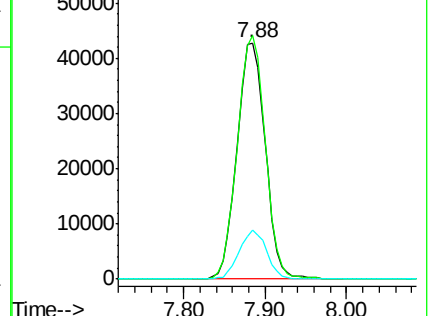
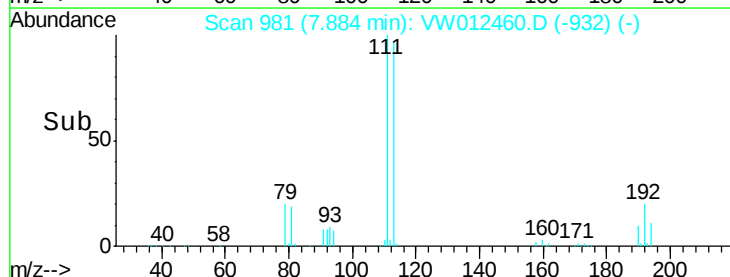
192 20.1 16.2 24.2

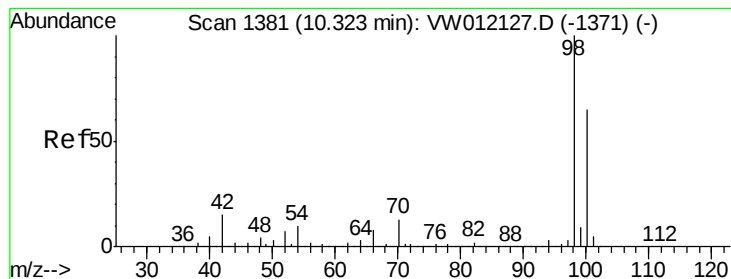


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.347 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012460.D

Acq: 01 Sep 2019 20:22

Instrument :

MSVOA_W

ClientSampleId :

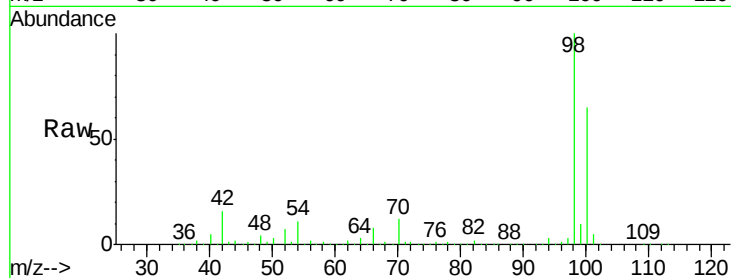
T9-12-13-F1-(0)

Tot Ion: 98 Resp: 387665

Ion Ratio Lower Upper

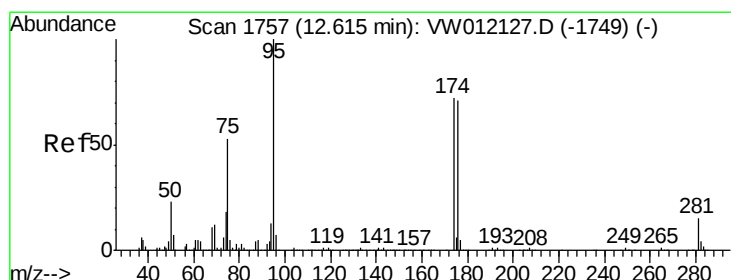
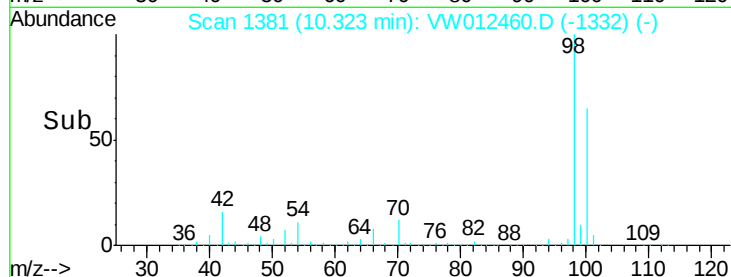
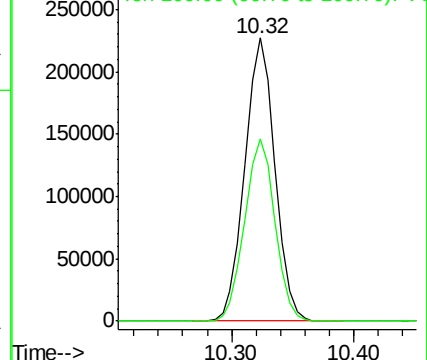
98 100

100 65.0 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: 42.288 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012460.D

Acq: 01 Sep 2019 20:22

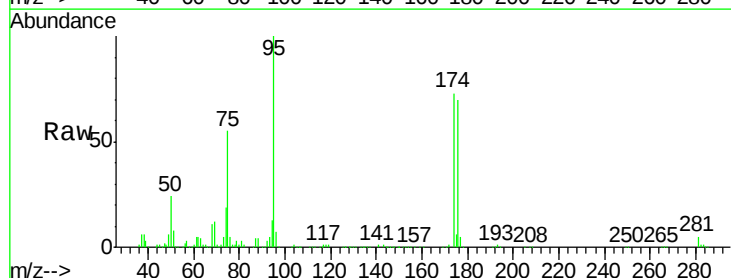
Tgt Ion: 95 Resp: 114779

Ion Ratio Lower Upper

95 100

174 77.1 0.0 150.8

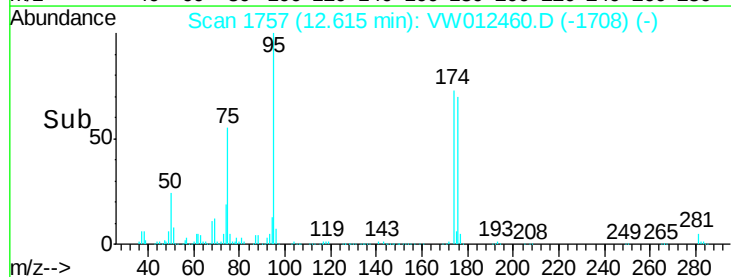
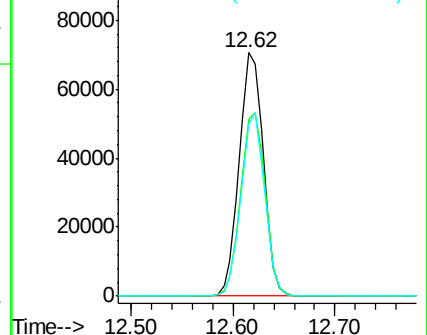
176 73.9 0.0 148.6

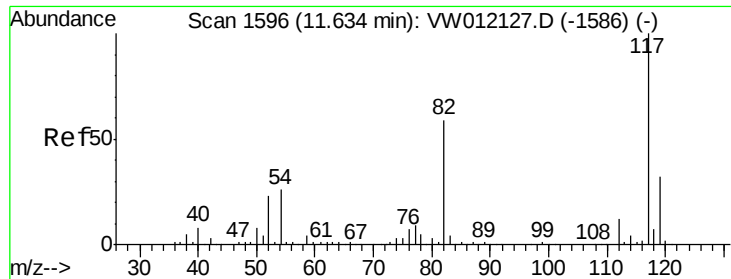


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

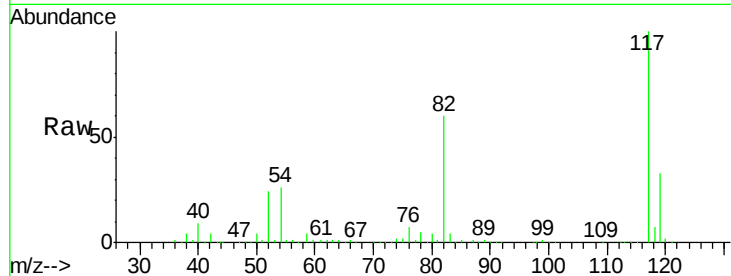




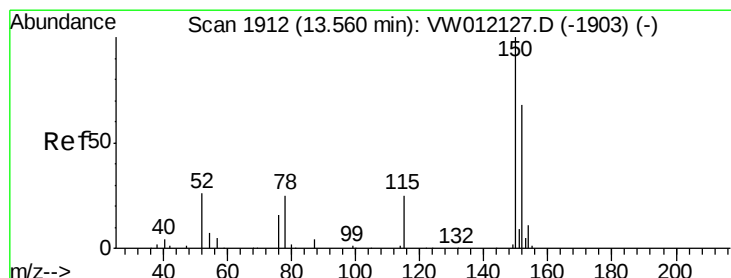
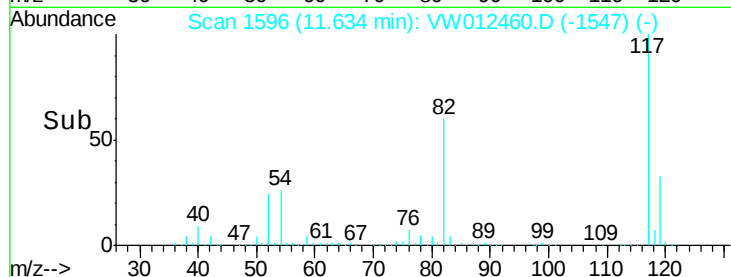
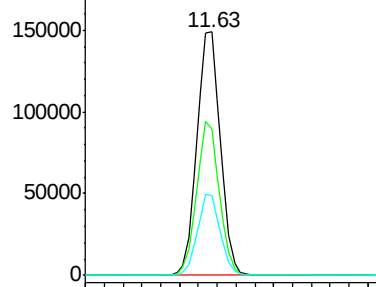
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012460.D
Acq: 01 Sep 2019 20:22

Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-F1-(0)

Tot Ion:117 Resp: 257795
Ion Ratio Lower Upper
117 100
82 60.2 47.4 71.2
119 32.8 25.4 38.2

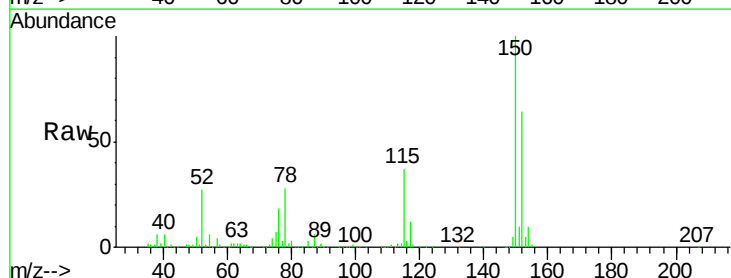


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012460.D
Acq: 01 Sep 2019 20:22

Tgt Ion:152 Resp: 93936
Ion Ratio Lower Upper
152 100
115 60.4 30.1 90.3
150 155.8 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

