

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083119\
 Data File : VW012399.D
 Acq On : 31 Aug 2019 14:43
 Operator : SY/VA
 Sample : K4475-03
 Misc : 5.50G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-E-(2.5)

Quant Time: Aug 31 17:39:28 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

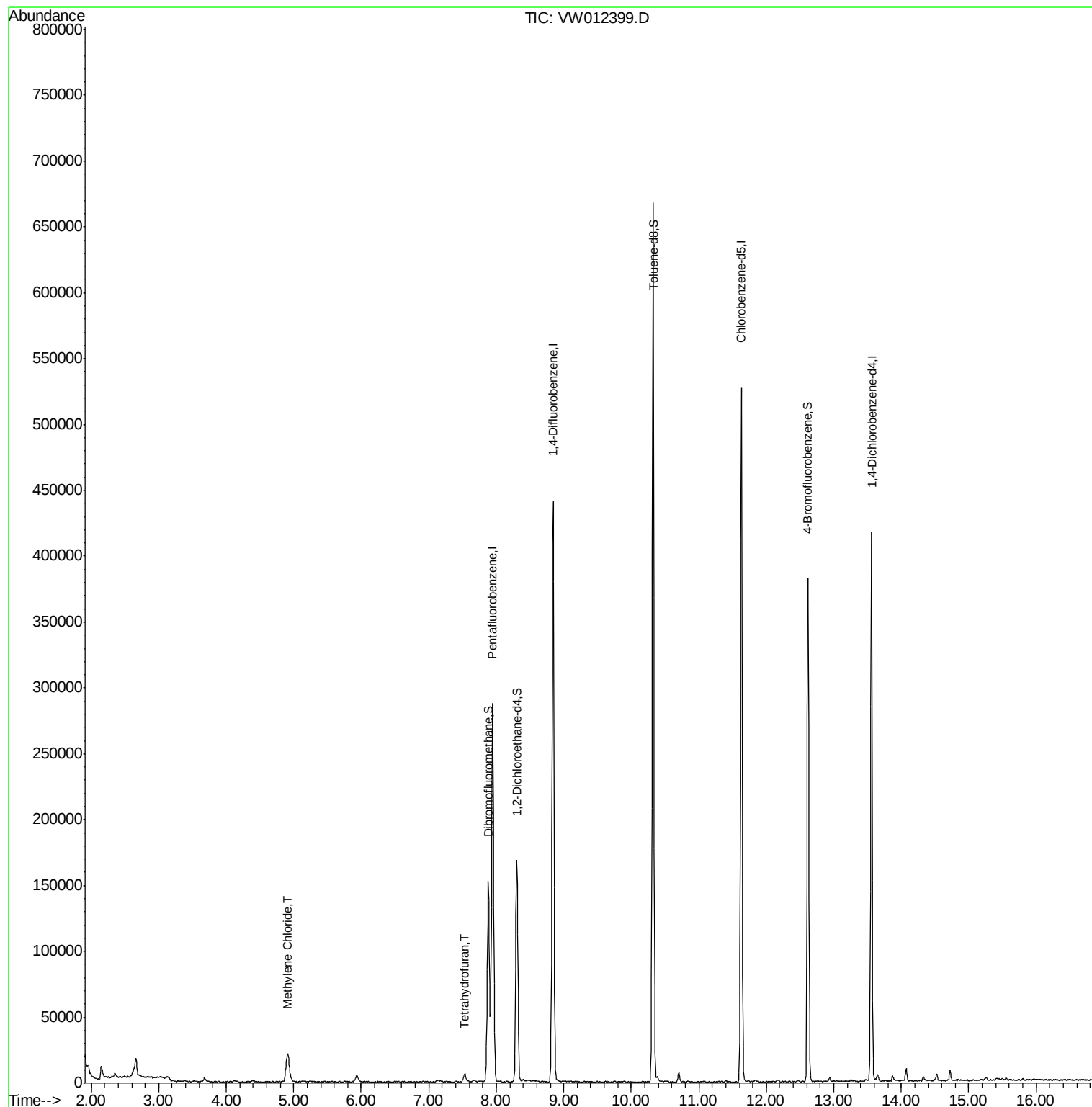
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	205643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	340823	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	278546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	103536	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	138627	56.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.42%	
35) Dibromofluoromethane	7.88	113	106463	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.66%	
50) Toluene-d8	10.32	98	416547	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.00%	
62) 4-Bromofluorobenzene	12.62	95	126401	43.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.94%	
Target Compounds						
20) Methylene Chloride	4.92	84	15642	6.621	ug/l	96
29) Tetrahydrofuran	7.53	42	5399	10.598	ug/l	98

(#) = 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: VW012399.D

Acq: 31 Aug 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

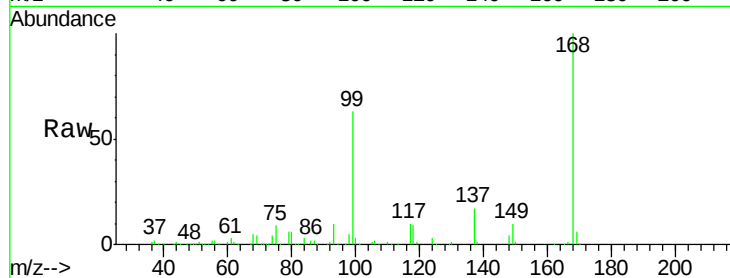
T1-2-E-(2.5)

Tot Ion:168 Resp: 205643

Ion Ratio Lower Upper

168 100

99 63.1 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

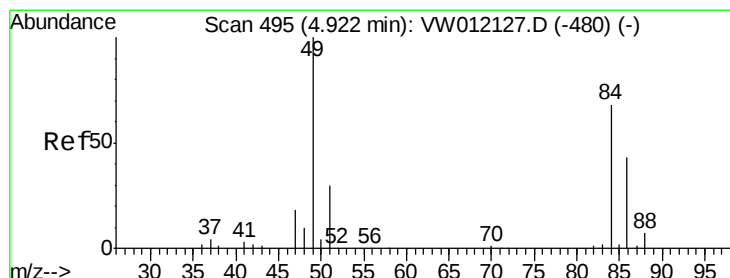
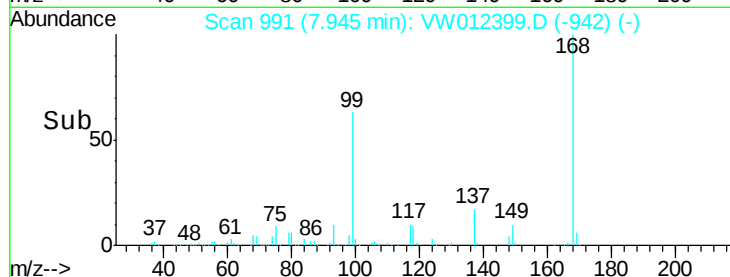
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 6.621 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012399.D

Acq: 31 Aug 2019 14:43

Tgt Ion: 84 Resp: 15642

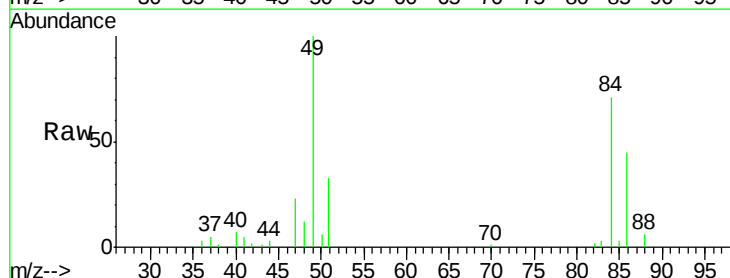
Ion Ratio Lower Upper

84 100

49 141.0 117.8 176.8

51 46.8 35.6 53.4

86 63.9 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

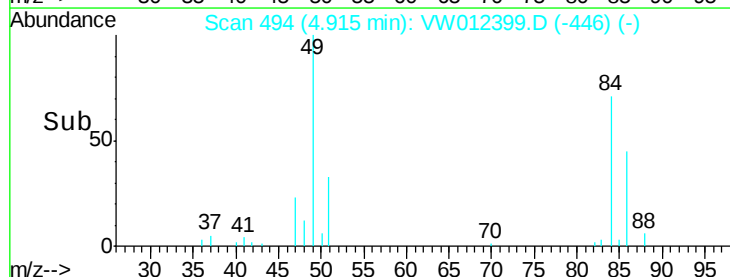
6000

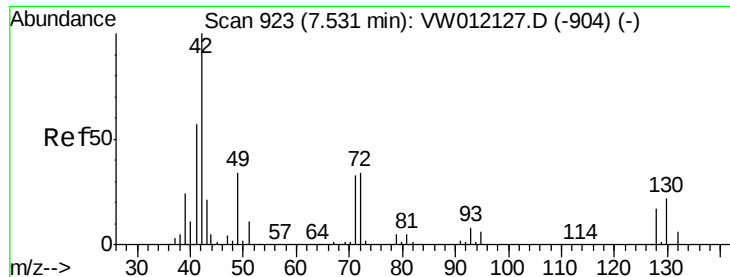
4000

2000

0

Time-->





#29

Tetrahydrofuran

Concen: 10.598 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW012399.D

Acq: 31 Aug 2019 14:43

Instrument :

MSVOA_W

ClientSampled :

T1-2-E-(2.5)

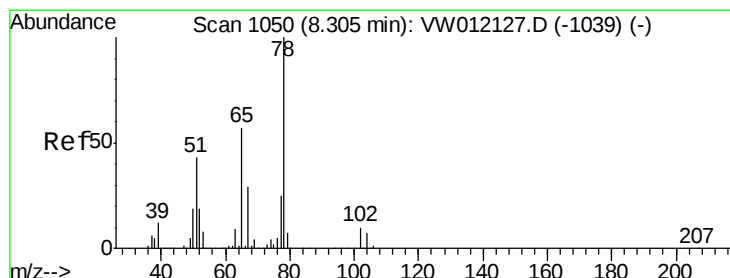
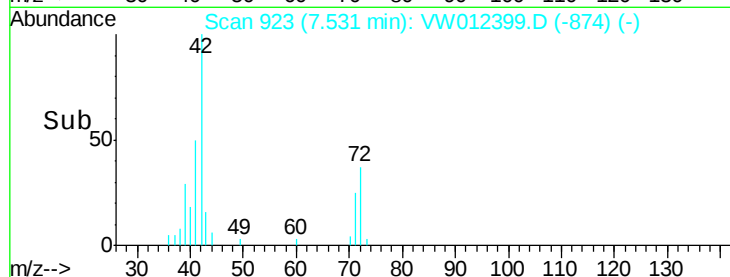
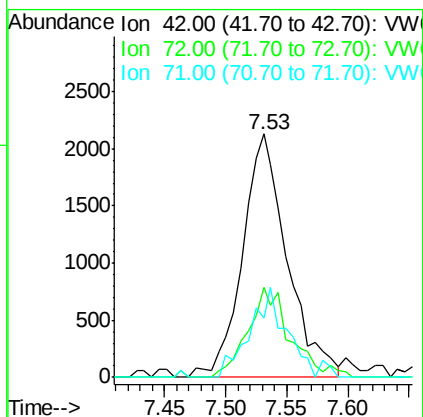
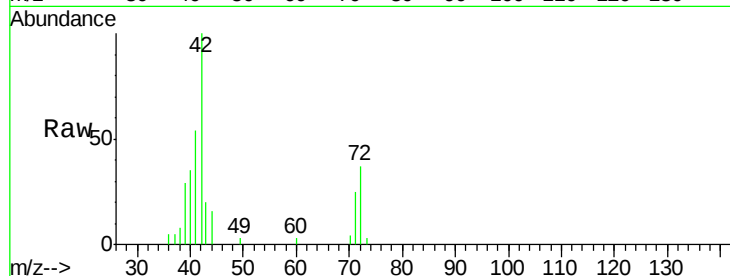
Tot Ion: 42 Resp: 5399

Ion Ratio Lower Upper

42 100

72 34.0 27.3 40.9

71 29.9 25.5 38.3



#33

1,2-Dichloroethane-d4

Concen: 56.708 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012399.D

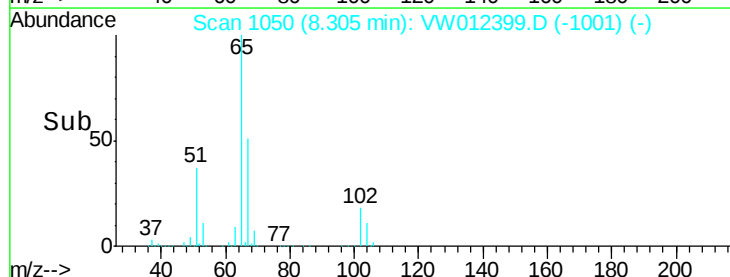
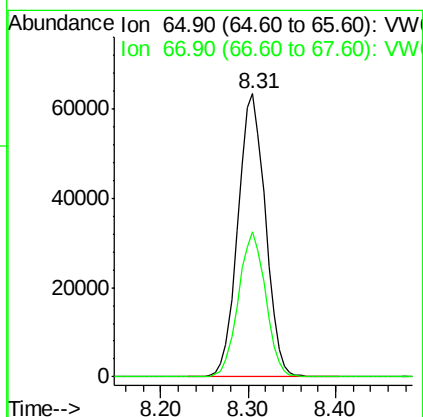
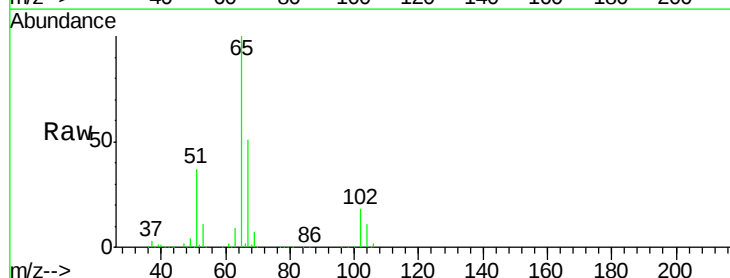
Acq: 31 Aug 2019 14:43

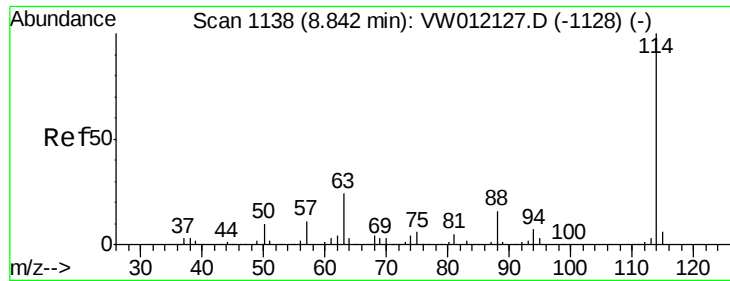
Tgt Ion: 65 Resp: 138627

Ion Ratio Lower Upper

65 100

67 50.7 0.0 102.6

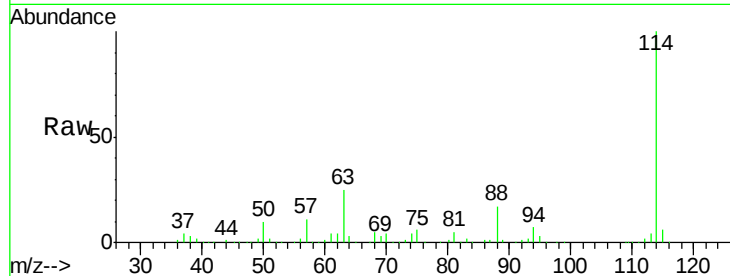




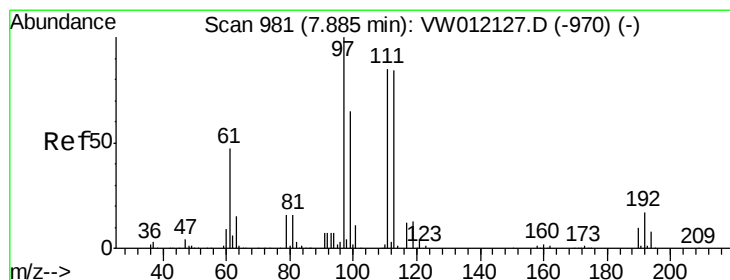
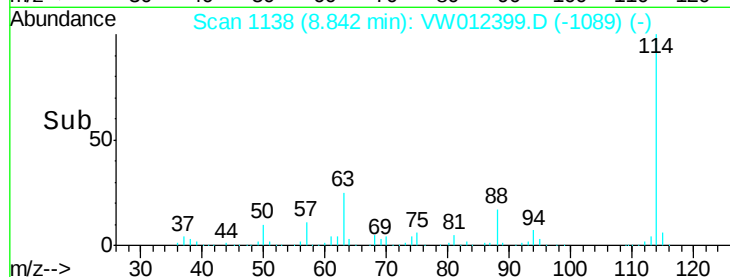
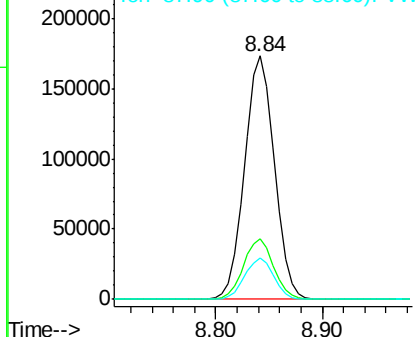
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012399.D
 Acq: 31 Aug 2019 14:43

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-E-(2.5)

Tot Ion:114 Resp: 340823
 Ion Ratio Lower Upper
 114 100
 63 25.1 0.0 48.6
 88 17.2 0.0 32.2

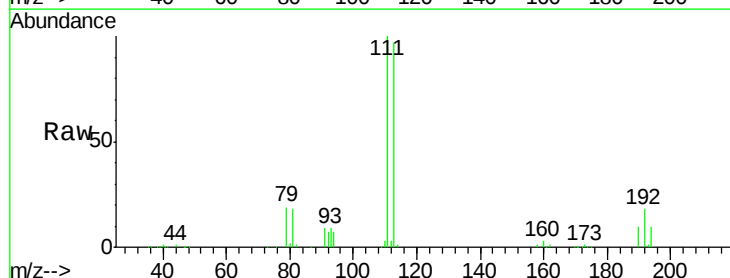


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

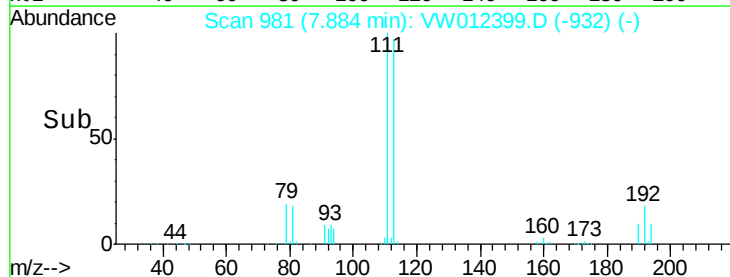
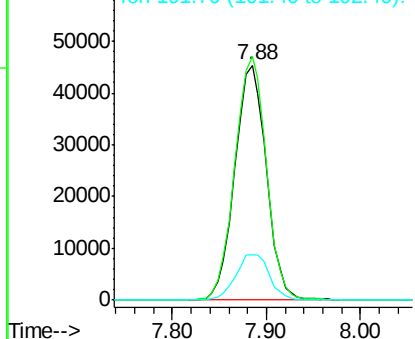


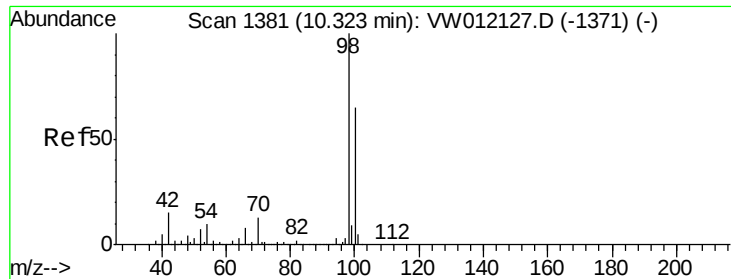
#35
 Dibromofluoromethane
 Concen: 52.332 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012399.D
 Acq: 31 Aug 2019 14:43

Tgt Ion:113 Resp: 106463
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.7 124.1
 192 20.6 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: 50.498 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012399.D

Acq: 31 Aug 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

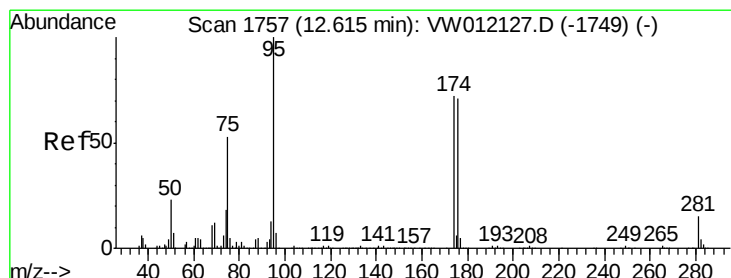
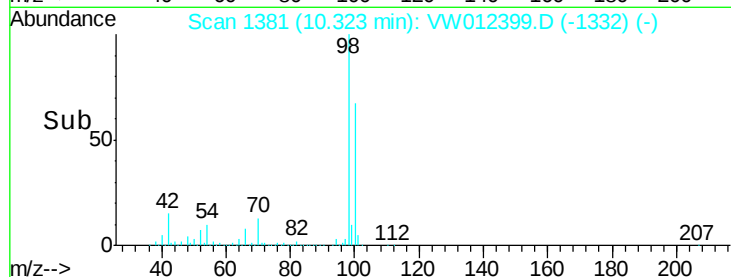
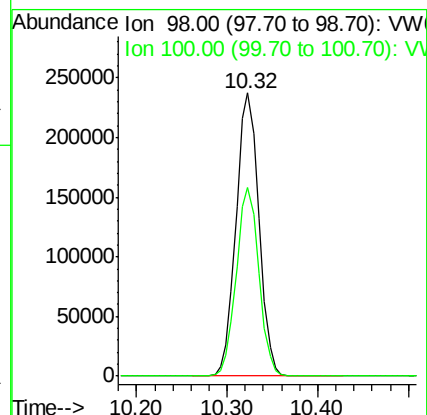
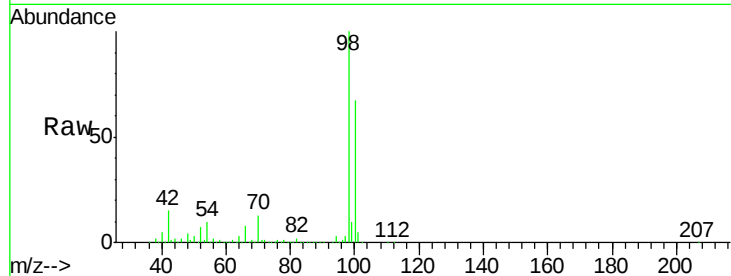
T1-2-E-(2.5)

Tot Ion: 98 Resp: 416547

Ion Ratio Lower Upper

98 100

100 65.7 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 43.471 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012399.D

Acq: 31 Aug 2019 14:43

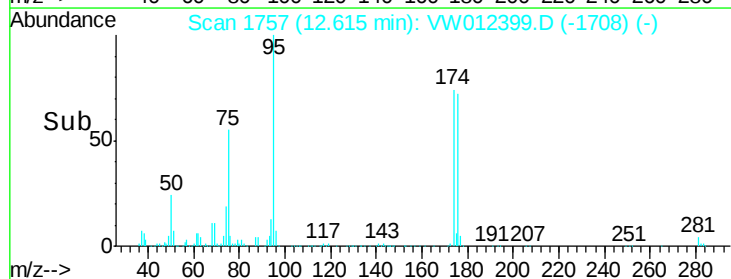
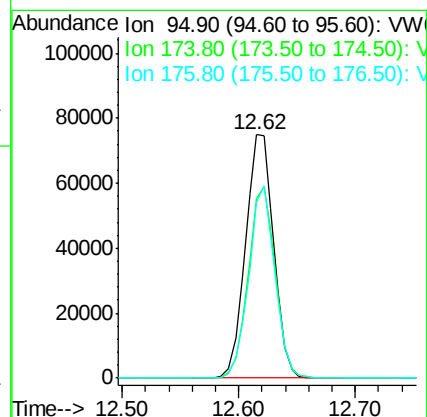
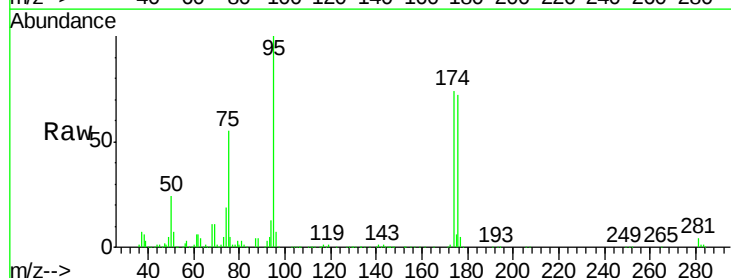
Tgt Ion: 95 Resp: 126401

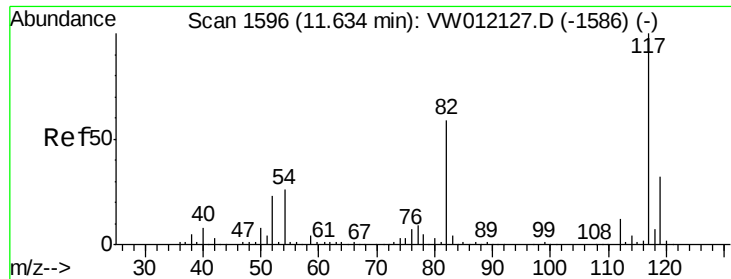
Ion Ratio Lower Upper

95 100

174 75.5 0.0 150.8

176 73.4 0.0 148.6

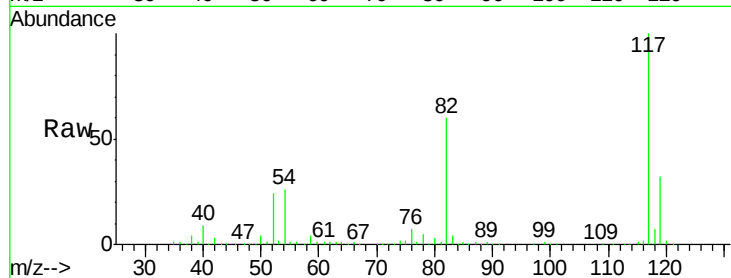




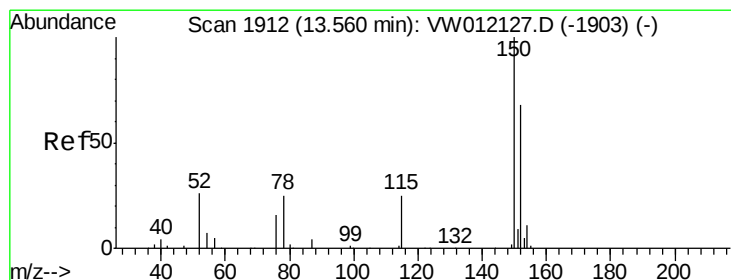
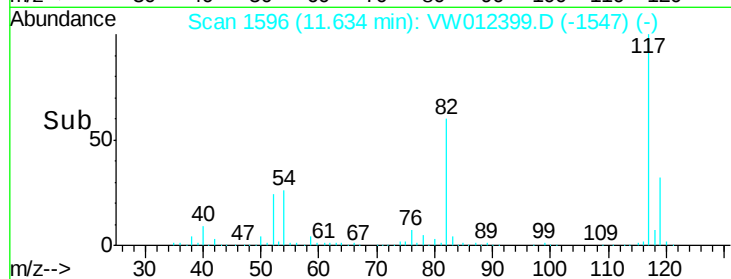
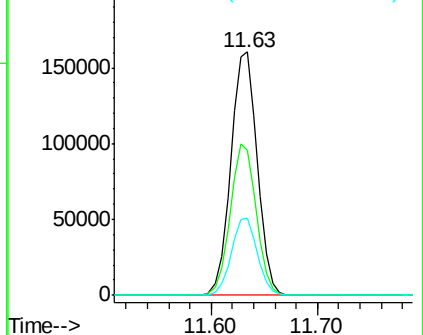
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012399.D
Acq: 31 Aug 2019 14:43

Instrument :
MSVOA_W
ClientSampleId :
T1-2-E-(2.5)

Tot Ion:117 Resp: 278546
Ion Ratio Lower Upper
117 100
82 59.6 47.4 71.2
119 31.7 25.4 38.2

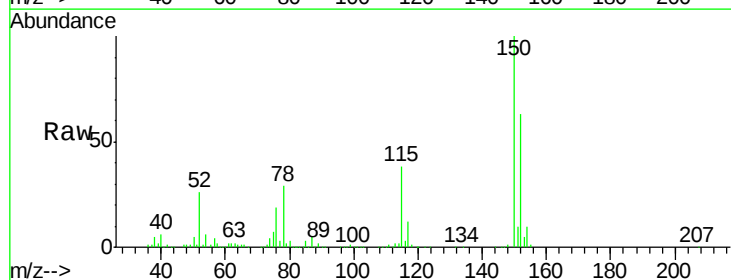


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012399.D
Acq: 31 Aug 2019 14:43

Tgt Ion:152 Resp: 103536
Ion Ratio Lower Upper
152 100
115 60.3 30.1 90.3
150 156.6 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

