

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090319\
 Data File : VW012571.D
 Acq On : 04 Sep 2019 03:06
 Operator : SY/VA
 Sample : K4525-05
 Misc : 6.85G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-A4-(0)

Quant Time: Sep 04 08:00:35 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

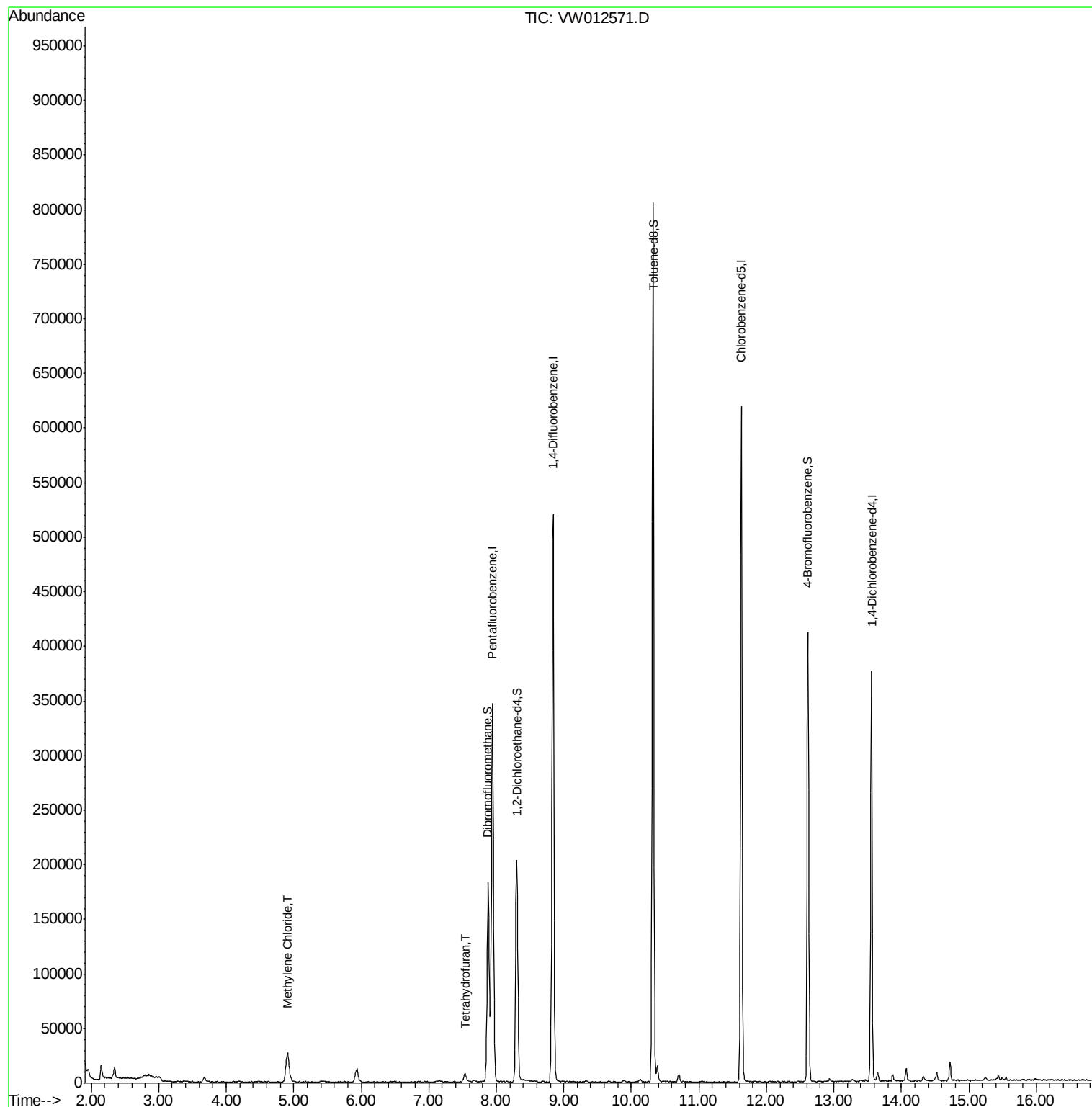
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	250763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	407241	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	319572	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	94359	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	169144	56.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.48%	
35) Dibromofluoromethane	7.88	113	129612	53.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.64%	
50) Toluene-d8	10.32	98	503592	51.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.18%	
62) 4-Bromofluorobenzene	12.62	95	130051	37.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.86%	
Target Compounds						
20) Methylene Chloride	4.91	84	19166	6.653	ug/l	89
29) Tetrahydrofuran	7.54	42	6604	10.630	ug/l	93

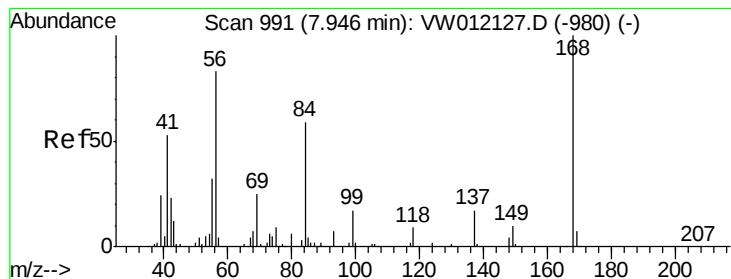
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012571.D

Acq: 04 Sep 2019 03:06

Instrument :

MSVOA_W

ClientSampleId :

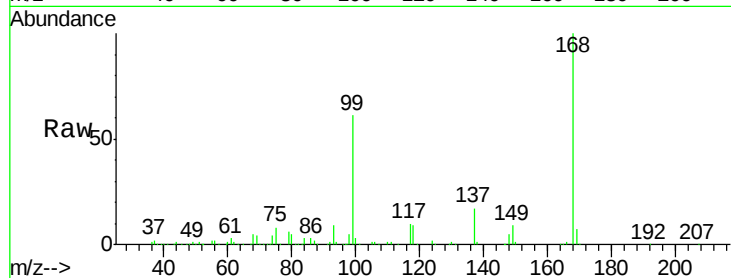
T9-12-13-A4-(0)

Tot Ion:168 Resp: 250763

Ion Ratio Lower Upper

168 100

99 61.2 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

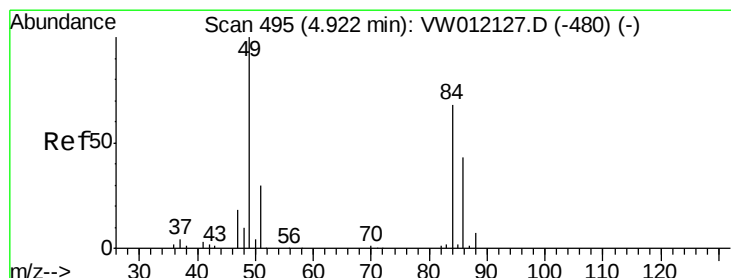
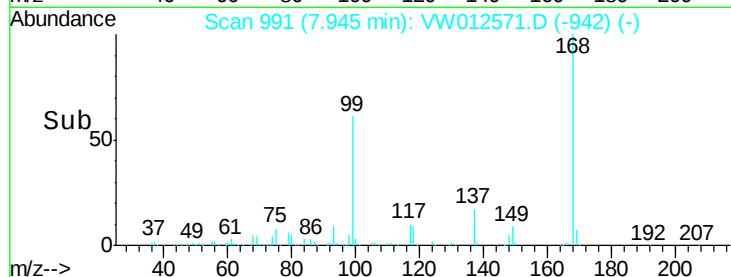
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 6.653 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012571.D

Acq: 04 Sep 2019 03:06

Tgt Ion: 84 Resp: 19166

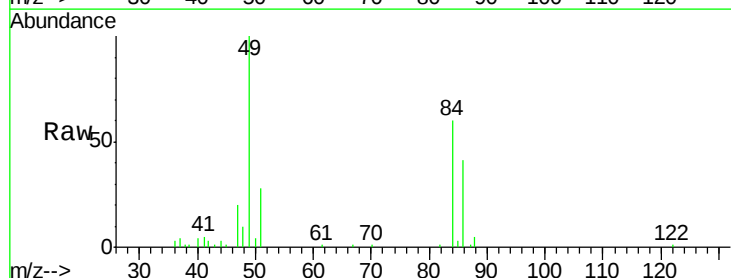
Ion Ratio Lower Upper

84 100

49 167.1 117.8 176.8

51 47.3 35.6 53.4

86 68.0 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

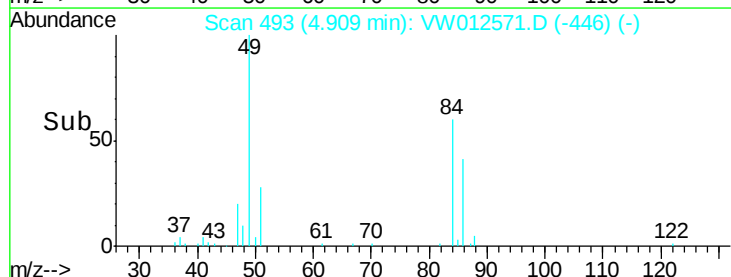
4.91

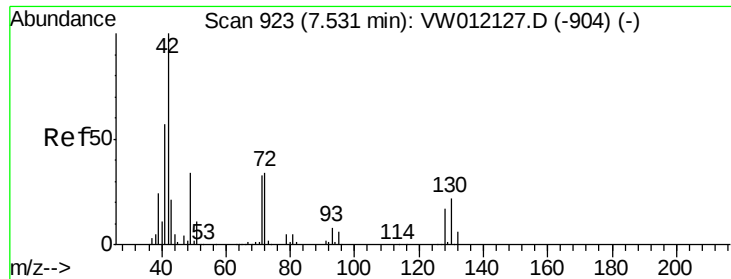
10000

5000

0

Time--> 4.80 4.90 5.00

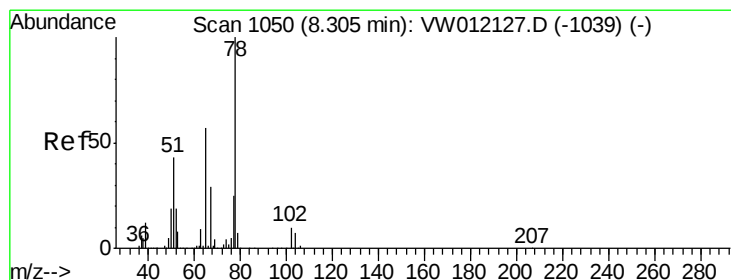
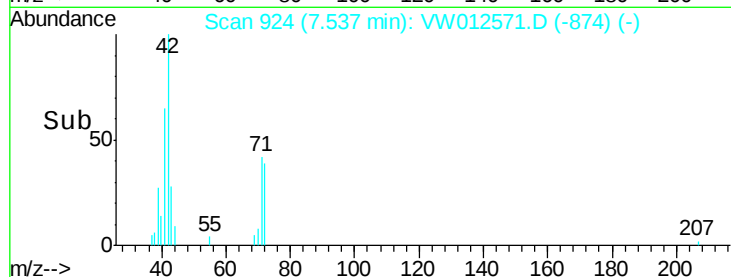
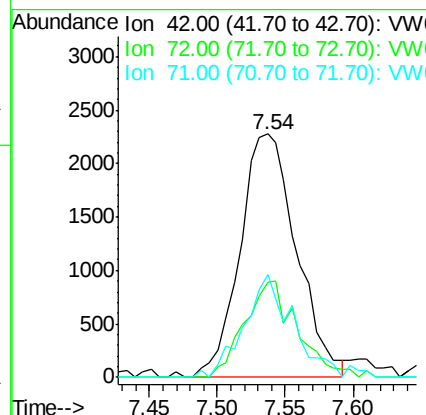
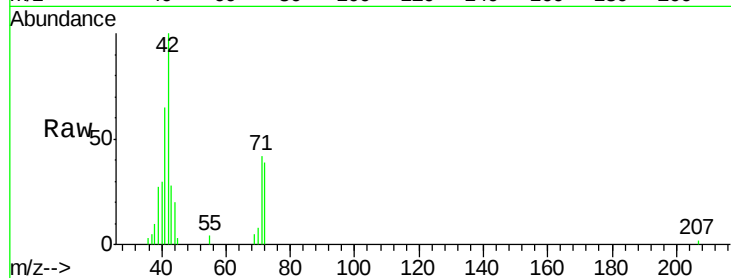




#29
Tetrahydrofuran
Concen: 10.630 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012571.D
Acq: 04 Sep 2019 03:06

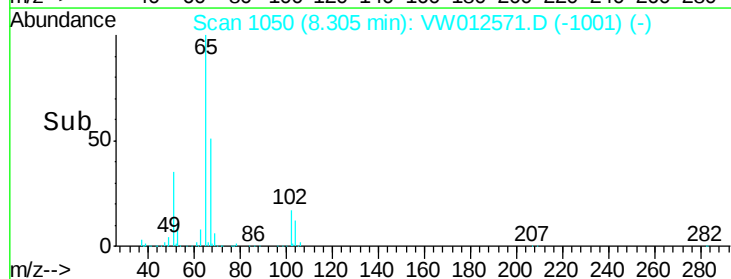
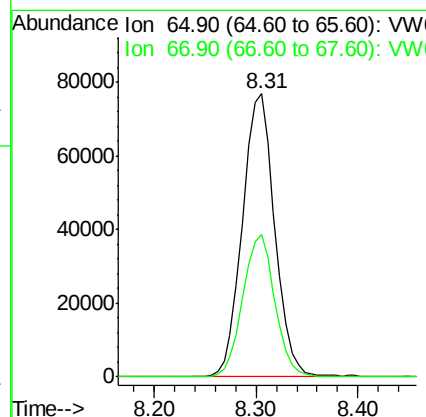
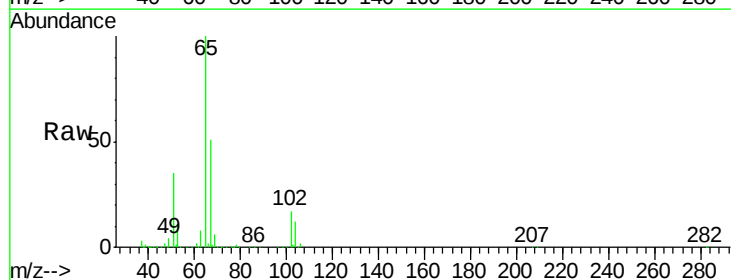
Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-A4-(0)

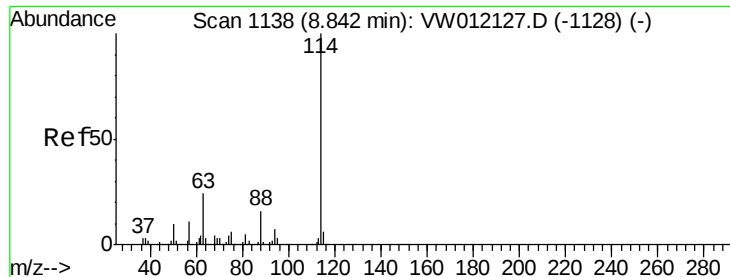
Tot Ion: 42 Resp: 6604
Ion Ratio Lower Upper
42 100
72 37.4 27.3 40.9
71 36.2 25.5 38.3



#33
1,2-Dichloroethane-d4
Concen: 56.741 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012571.D
Acq: 04 Sep 2019 03:06

Tgt Ion: 65 Resp: 169144
Ion Ratio Lower Upper
65 100
67 50.2 0.0 102.6

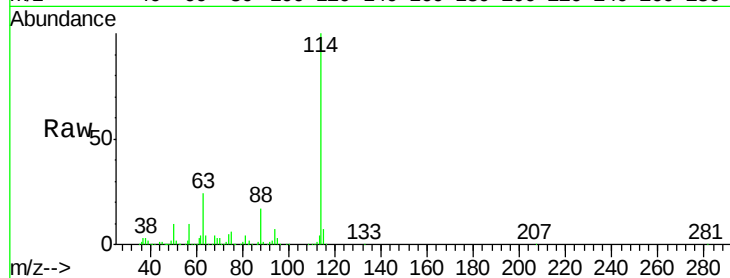




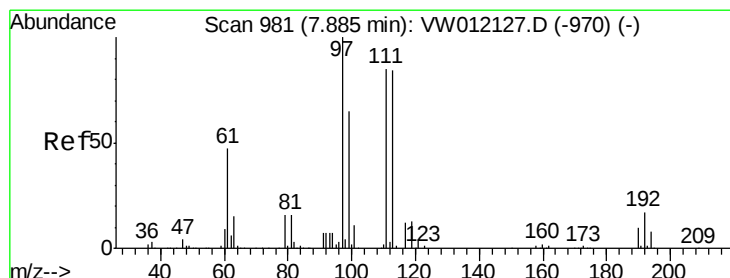
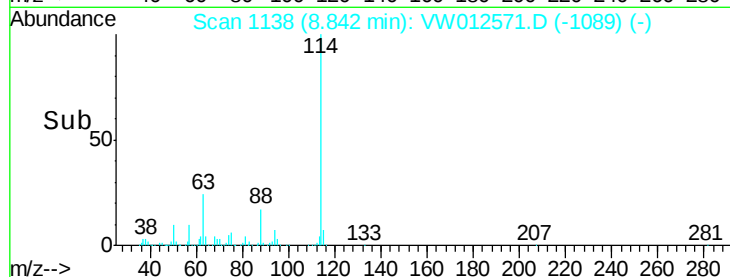
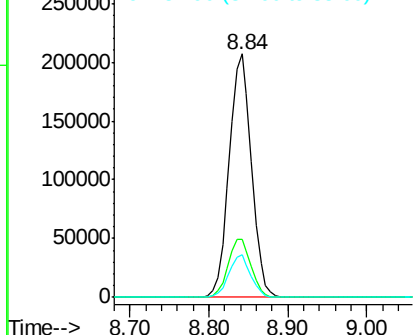
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW012571.D
Acq: 04 Sep 2019 03:06

Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-A4-(0)

Tot Ion:114 Resp: 407241
Ion Ratio Lower Upper
114 100
63 23.8 0.0 48.6
88 17.3 0.0 32.2

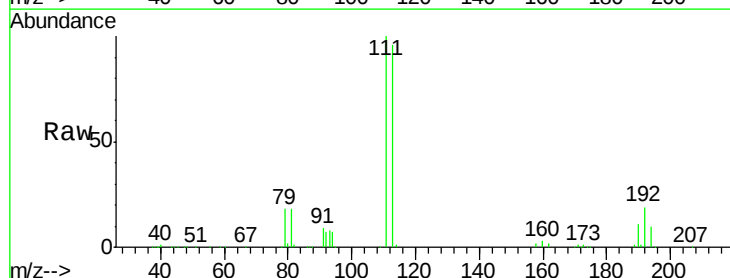


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

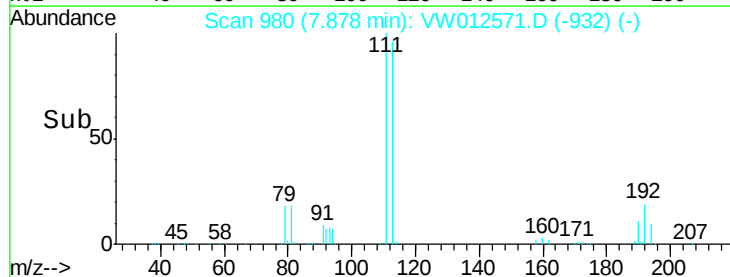
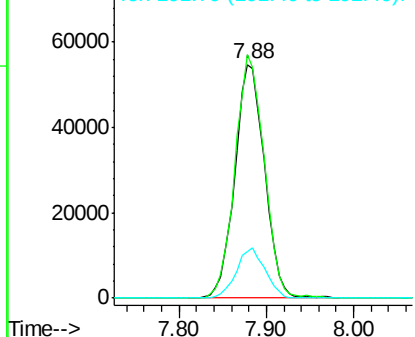


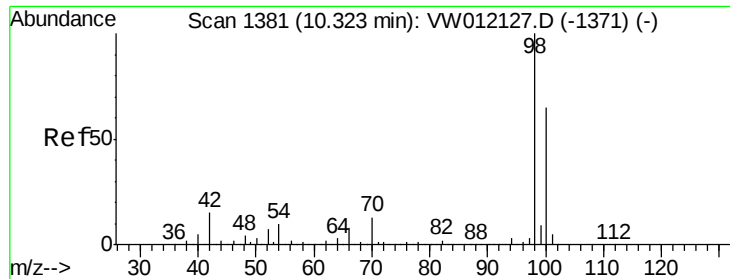
#35
Dibromofluoromethane
Concen: 53.320 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW012571.D
Acq: 04 Sep 2019 03:06

Tgt Ion:113 Resp: 129612
Ion Ratio Lower Upper
113 100
111 102.7 82.7 124.1
192 20.8 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: 51.093 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012571.D

Acq: 04 Sep 2019 03:06

Instrument :

MSVOA_W

ClientSampleId :

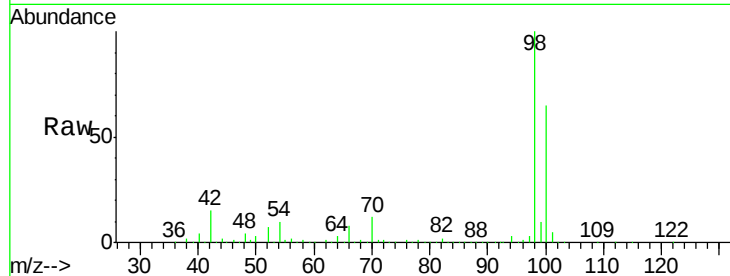
T9-12-13-A4-(0)

Tot Ion: 98 Resp: 503592

Ion Ratio Lower Upper

98 100

100 64.9 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

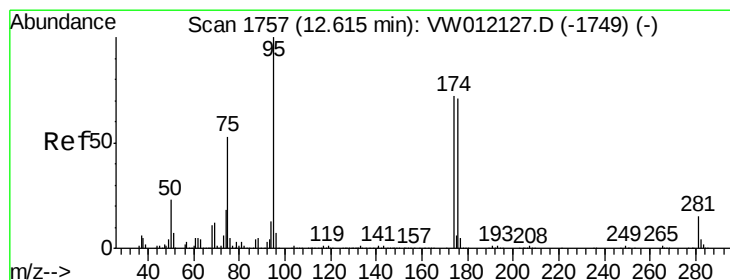
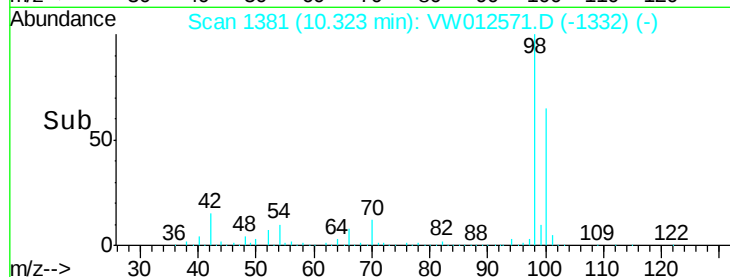
300000

200000

100000

0

Time--> 10.20 10.30 10.40



#62

4-Bromofluorobenzene

Concen: 37.432 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012571.D

Acq: 04 Sep 2019 03:06

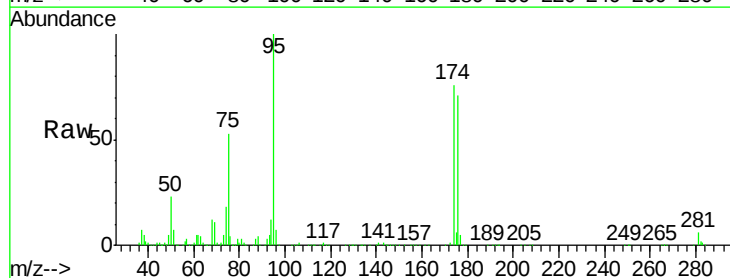
Tgt Ion: 95 Resp: 130051

Ion Ratio Lower Upper

95 100

174 80.1 0.0 150.8

176 76.1 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

12.62

100000

80000

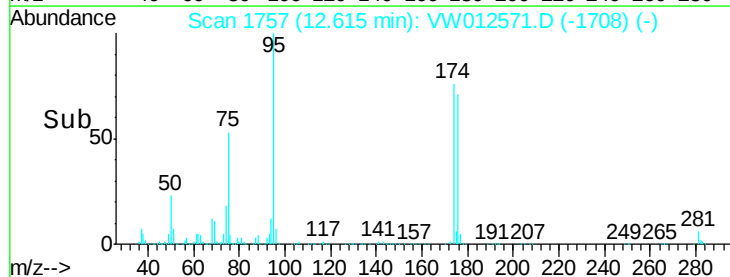
60000

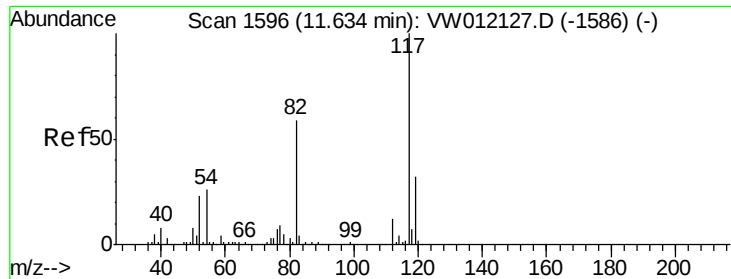
40000

20000

0

Time--> 12.60 12.70

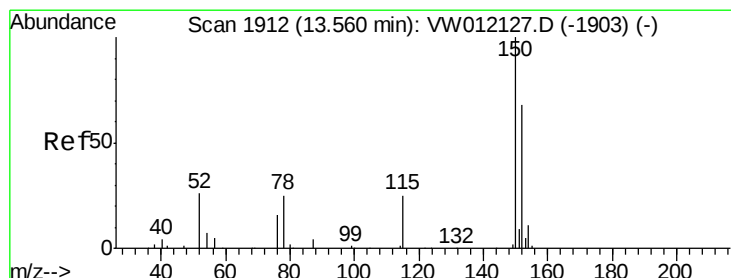
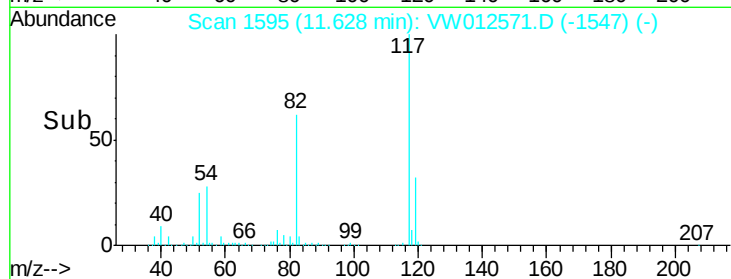
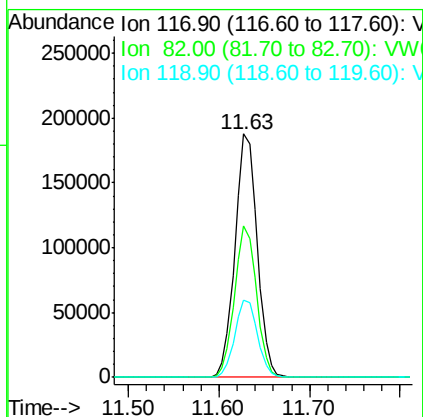
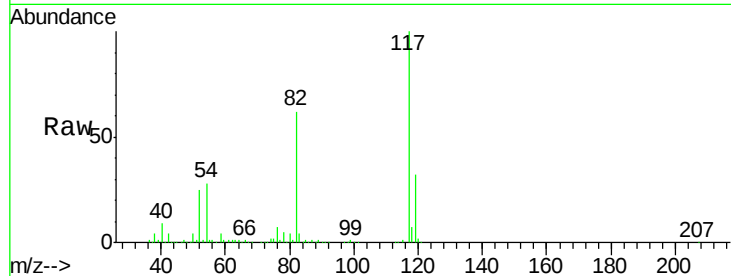




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012571.D
Acq: 04 Sep 2019 03:06

Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-A4-(0)

Tot Ion:117 Resp: 319572
Ion Ratio Lower Upper
117 100
82 62.4 47.4 71.2
119 31.8 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: VW012571.D
Acq: 04 Sep 2019 03:06

Tgt Ion:152 Resp: 94359
Ion Ratio Lower Upper
152 100
115 58.7 30.1 90.3
150 155.2 0.0 345.8

