

Data File : VW012697.D
Acq On : 06 Sep 2019 17:42
Operator : SY/VA
Sample : K4580-20
Misc : 3.67G/5ML/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
T12-A2-(3.5)

Quant Time: Sep 07 06:31:40 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

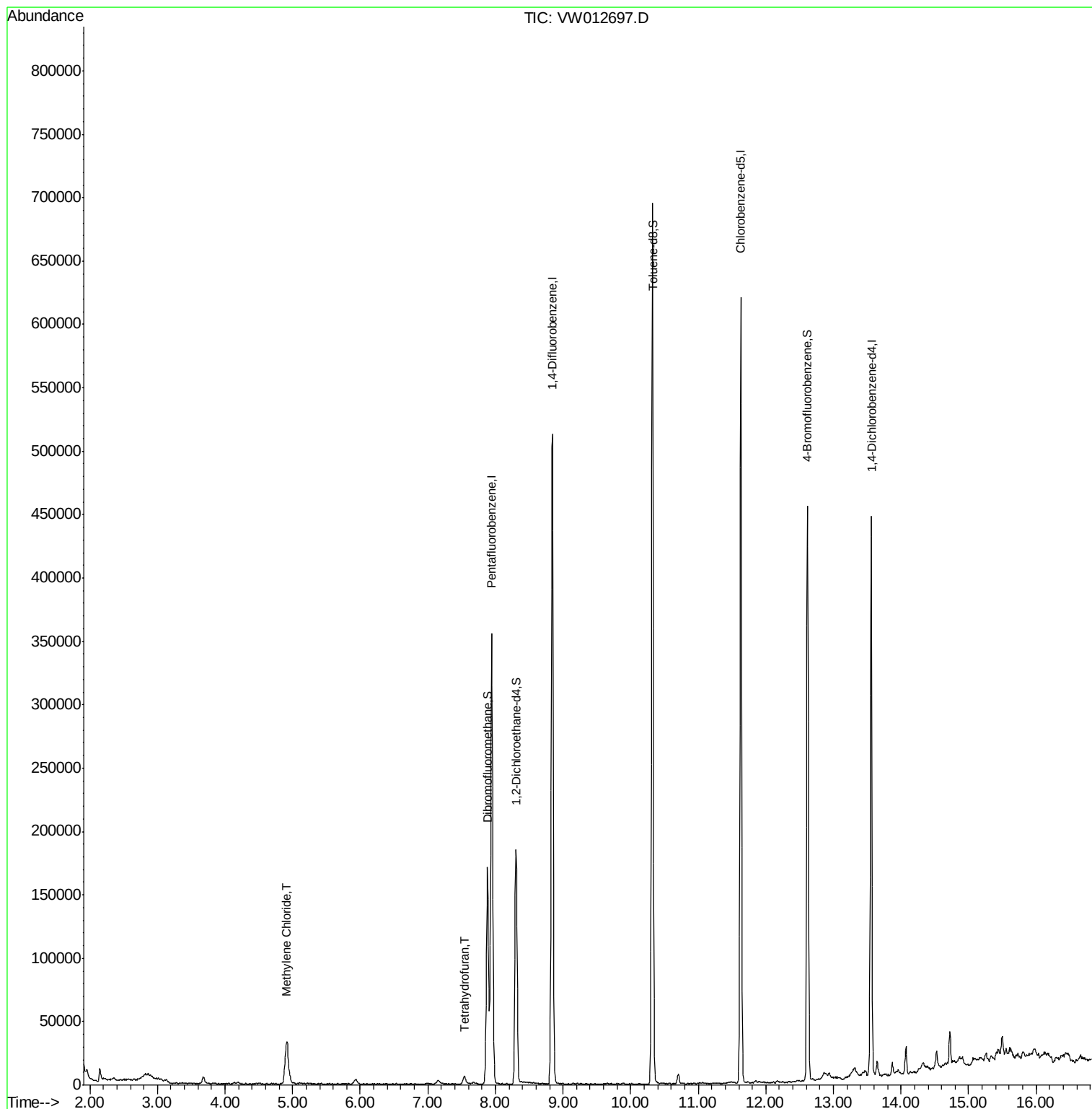
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	260872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	415200	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	315891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	113051	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	155003	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
35) Dibromofluoromethane	7.88	113	119221	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
50) Toluene-d8	10.32	98	455598	45.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.68%	
62) 4-Bromofluorobenzene	12.62	95	143700	40.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.14%	
Target Compounds						
20) Methylene Chloride	4.91	84	25671	8.566	ug/l	93
29) Tetrahydrofuran	7.55	42	5540	8.572	ug/l	93

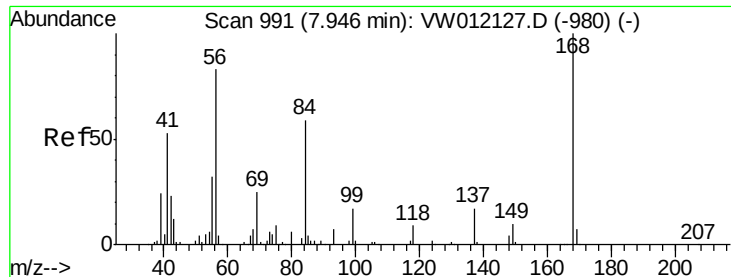
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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MSVOA_W

ClientSampleId :

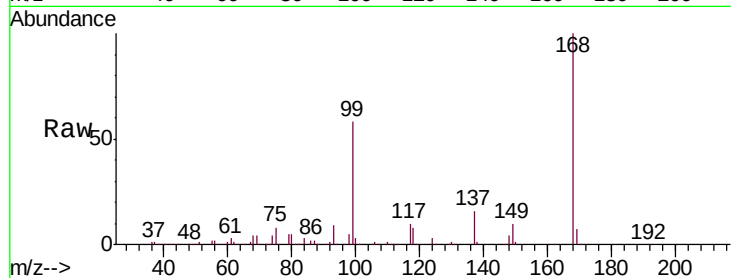
T12-A2-(3.5)

Tgt Ion:168 Resp: 260872

Ion Ratio Lower Upper

168 100

99 57.6 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

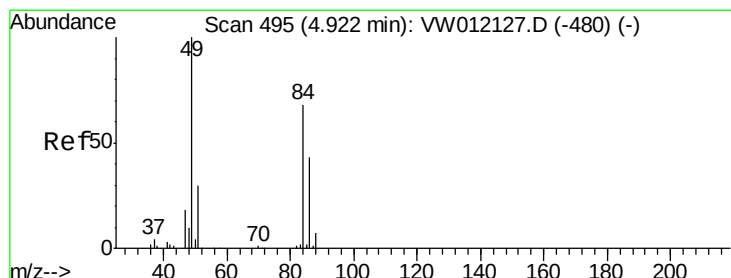
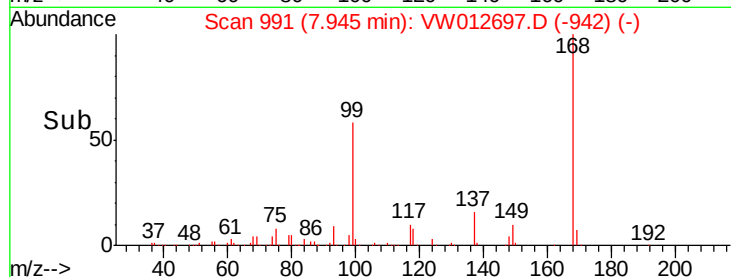
7.95

100000

50000

0

Time--> 7.80 7.90 8.00



#20

Methylene Chloride

Concen: 8.566 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012697.D

Acq: 06 Sep 2019 17:42

Tgt Ion: 84 Resp: 25671

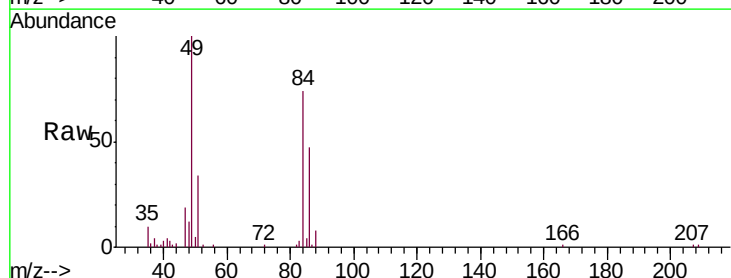
Ion Ratio Lower Upper

84 100

49 133.9 117.8 176.8

51 45.3 35.6 53.4

86 63.2 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

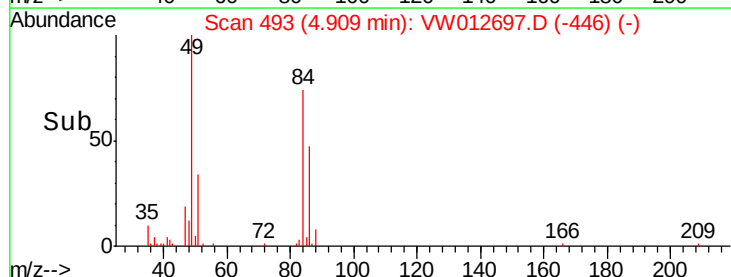
15000

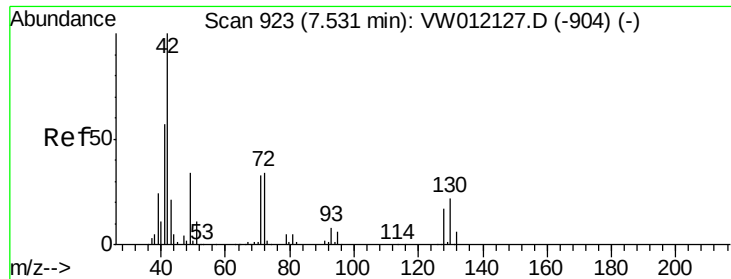
10000

5000

0

Time--> 4.80 4.90 5.00 5.10

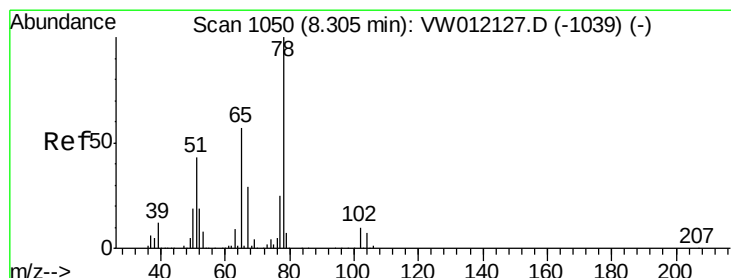
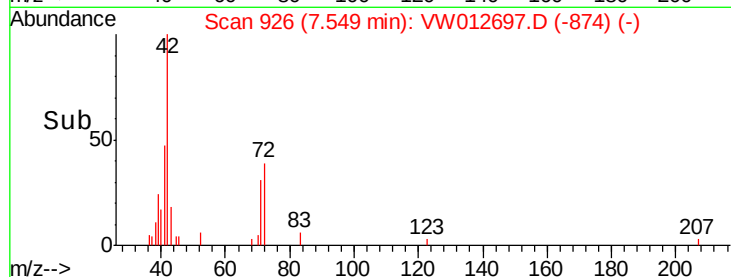
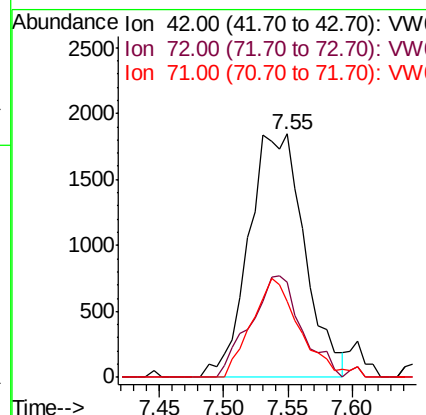
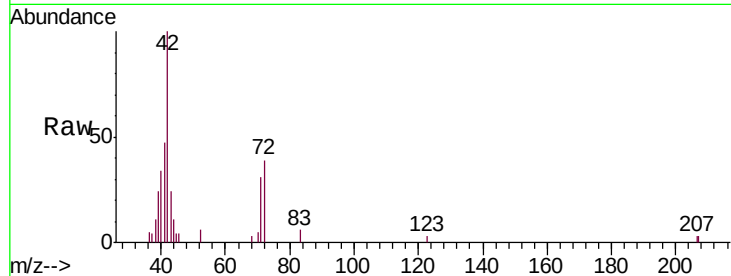




#29
Tetrahydrofuran
Concen: 8.572 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.02 min
Lab File: VW012697.D
Acq: 06 Sep 2019 17:42

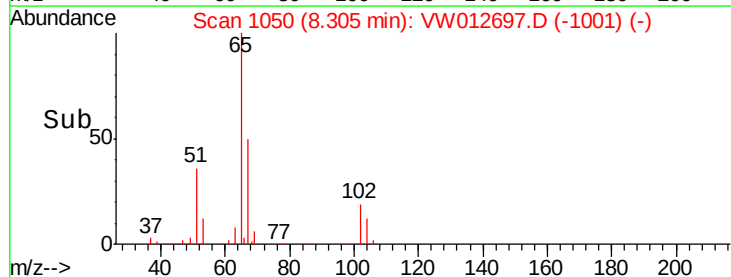
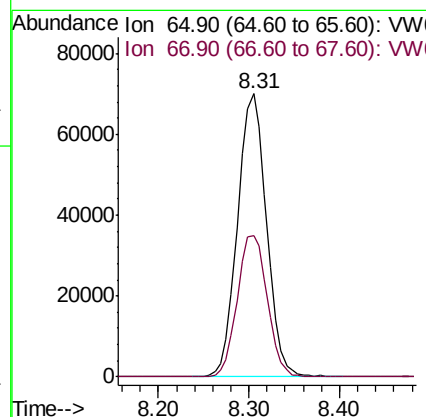
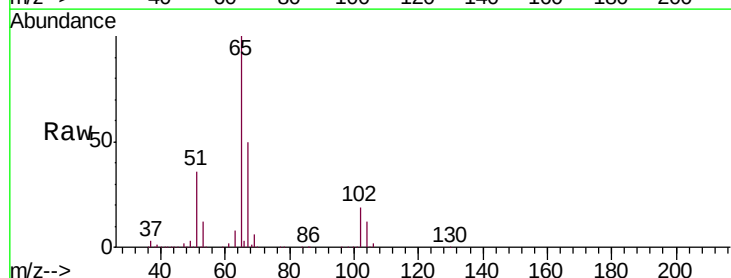
Instrument :
MSVOA_W
ClientSampleId :
T12-A2-(3.5)

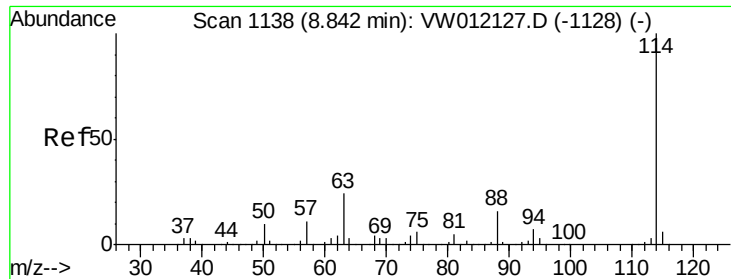
Tgt Ion: 42 Resp: 5540
Ion Ratio Lower Upper
42 100
72 38.2 27.3 40.9
71 35.4 25.5 38.3



#33
1,2-Dichloroethane-d4
Concen: 49.983 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012697.D
Acq: 06 Sep 2019 17:42

Tgt Ion: 65 Resp: 155003
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.6

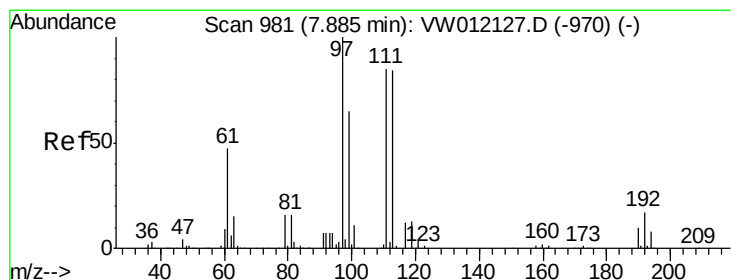
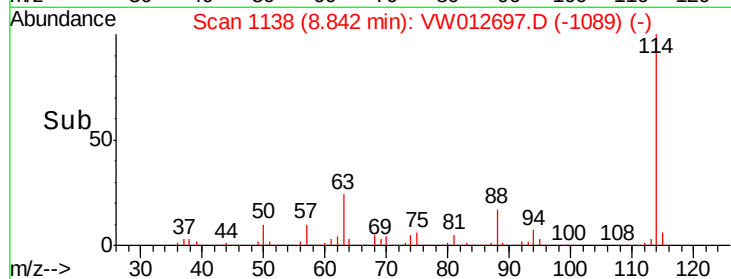
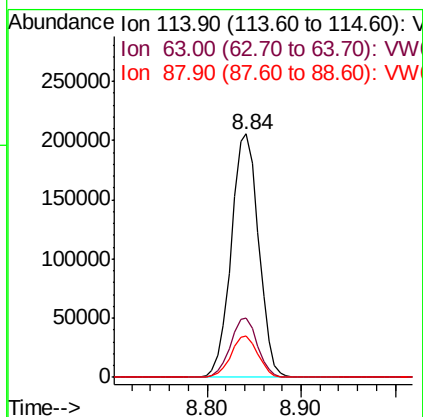
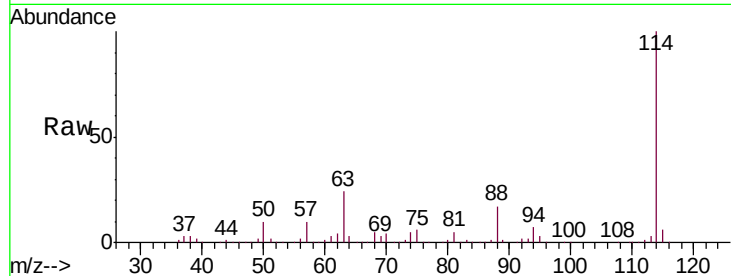




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012697.D
 Acq: 06 Sep 2019 17:42

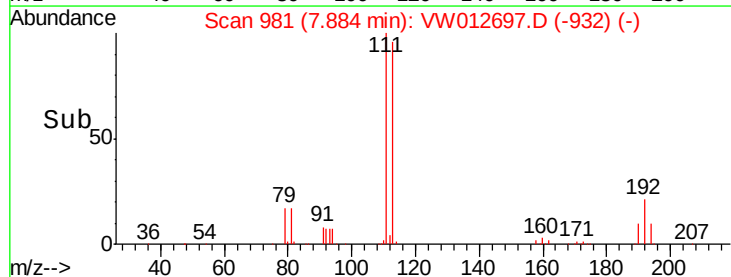
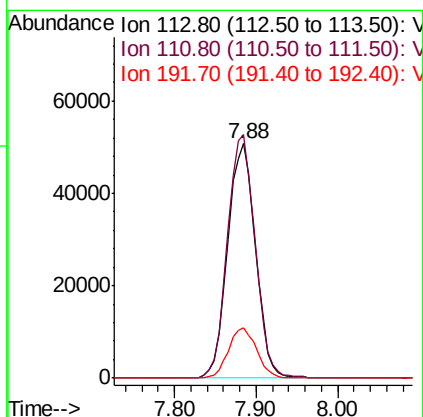
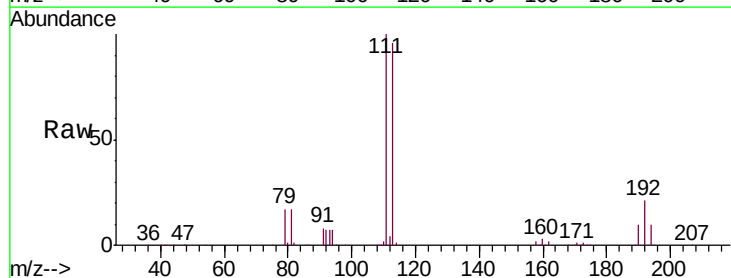
Instrument :
 MSVOA_W
 ClientSampleId :
 T12-A2-(3.5)

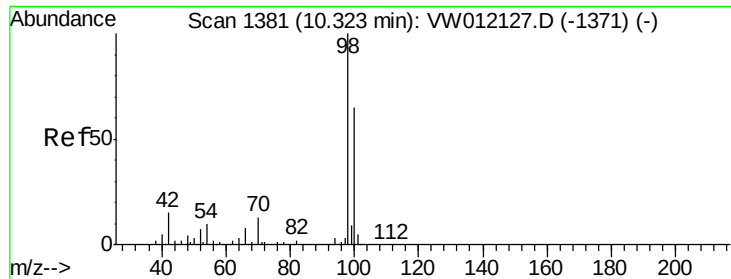
Tgt Ion:114 Resp: 415200
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 48.6
 88 17.2 0.0 32.2



#35
 Dibromofluoromethane
 Concen: 48.105 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012697.D
 Acq: 06 Sep 2019 17:42

Tgt Ion:113 Resp: 119221
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.7 124.1
 192 21.4 16.2 24.2

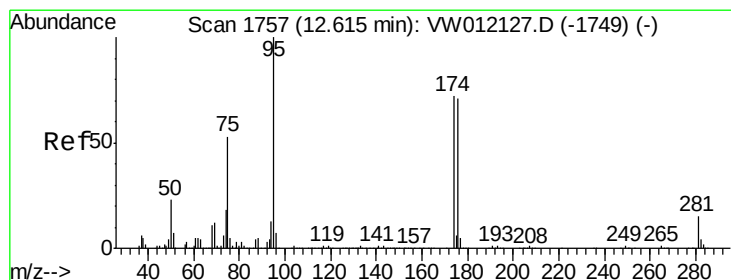
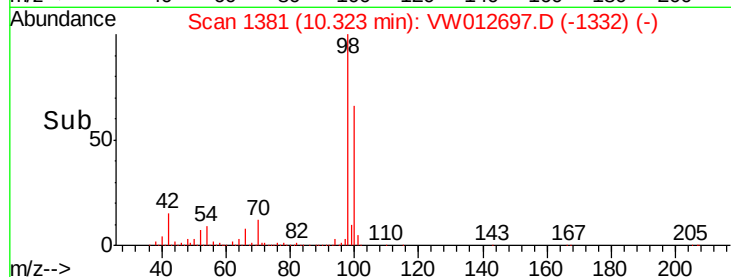
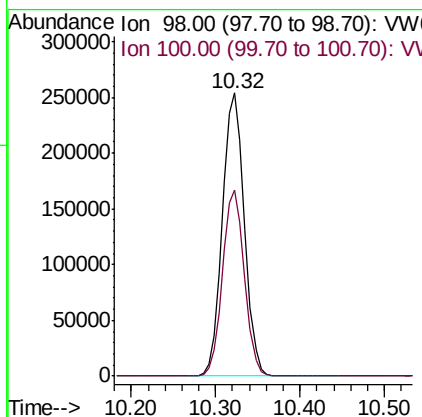
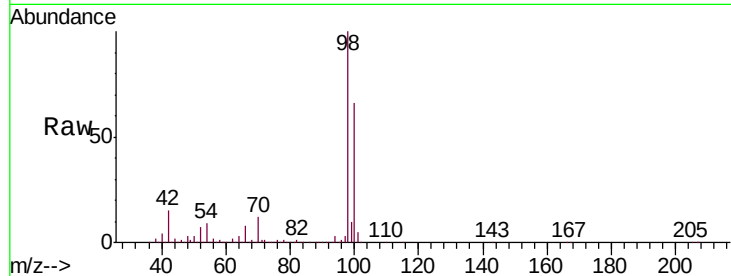




#50
Toluene-d8
Concen: 45.338 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012697.D
Acq: 06 Sep 2019 17:42

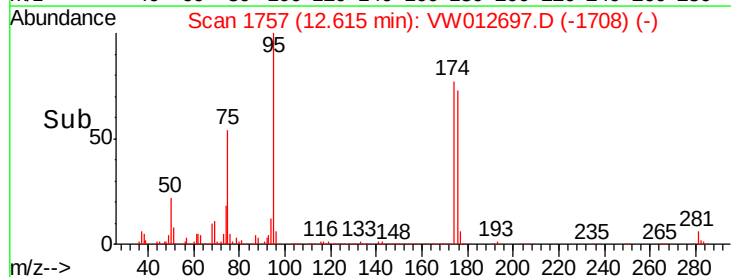
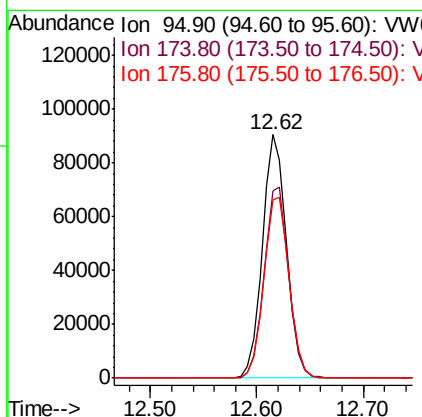
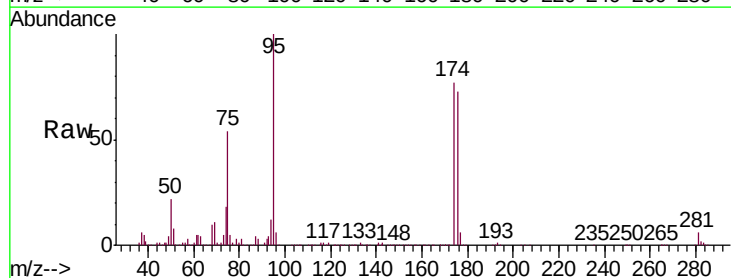
Instrument :
MSVOA_W
ClientSampled :
T12-A2-(3.5)

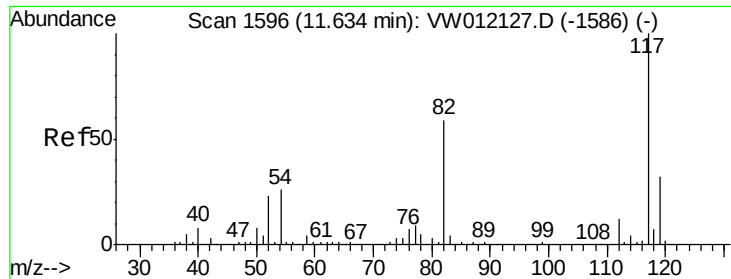
Tgt Ion: 98 Resp: 455598
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 40.567 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012697.D
Acq: 06 Sep 2019 17:42

Tgt Ion: 95 Resp: 143700
Ion Ratio Lower Upper
95 100
174 79.9 0.0 150.8
176 77.7 0.0 148.6

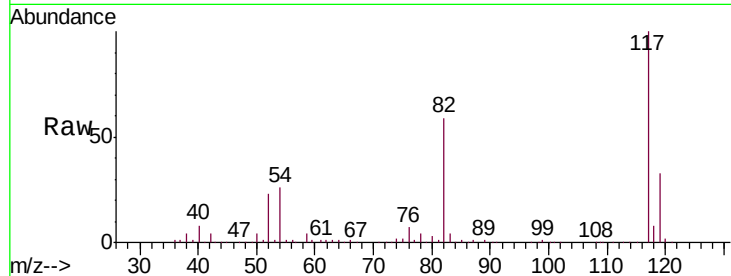




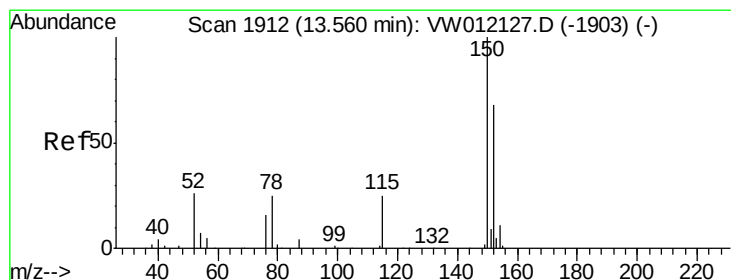
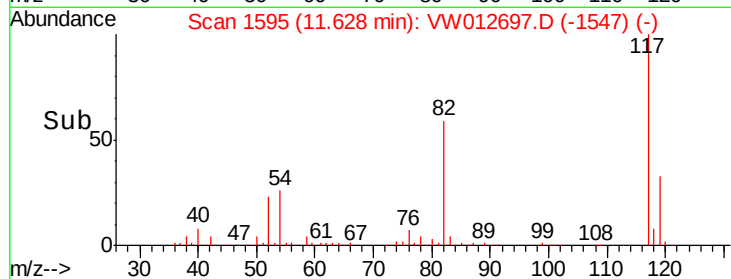
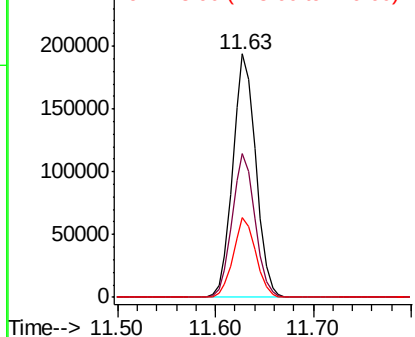
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012697.D
Acq: 06 Sep 2019 17:42

Instrument :
MSVOA_W
ClientSampleId :
T12-A2-(3.5)

Tgt Ion:117 Resp: 315891
Ion Ratio Lower Upper
117 100
82 59.2 47.4 71.2
119 32.5 25.4 38.2

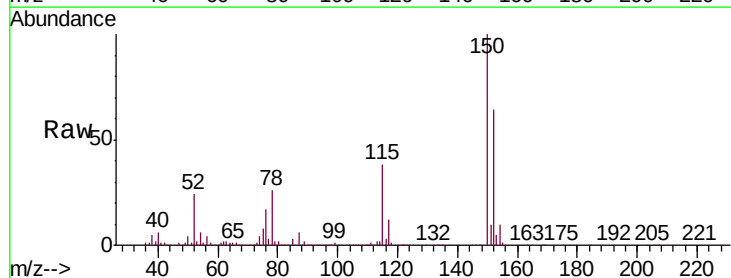


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012697.D
Acq: 06 Sep 2019 17:42

Tgt Ion:152 Resp: 113051
Ion Ratio Lower Upper
152 100
115 57.7 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

