

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081919\
 Data File : VW012012.D
 Acq On : 20 Aug 2019 01:13
 Operator : SY/VA
 Sample : K4386-07
 Misc : 5.35G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T8-E4-(2)

Quant Time: Aug 20 06:52:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

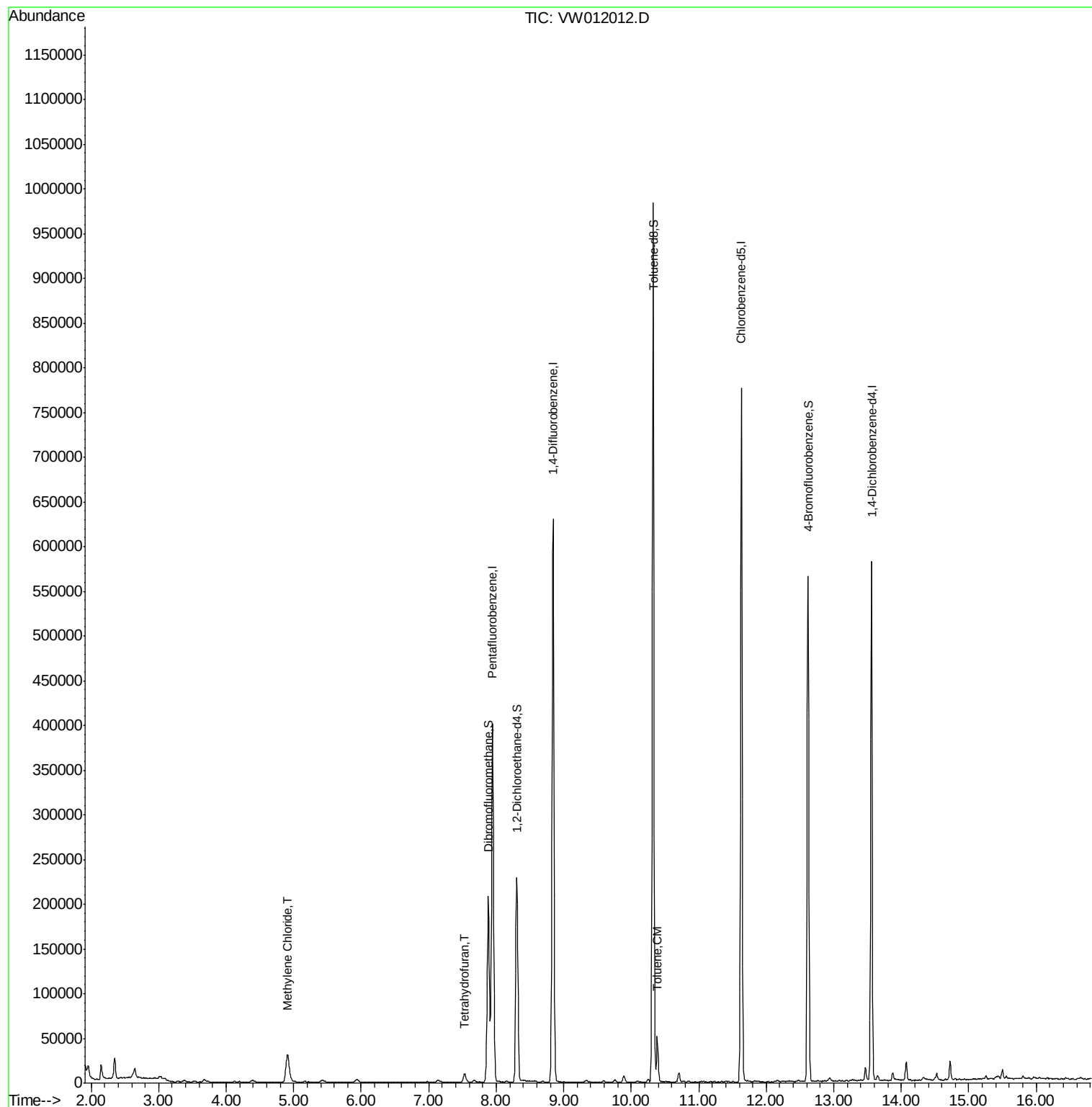
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	295977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	495560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	414674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	146859	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	180857	53.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.42%	
35) Dibromofluoromethane	7.88	113	148865	53.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.10%	
50) Toluene-d8	10.32	98	615129	54.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.08%	
62) 4-Bromofluorobenzene	12.62	95	187112	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.22%	
Target Compounds						
20) Methylene Chloride	4.91	84	23718	6.361	ug/l	95
29) Tetrahydrofuran	7.53	42	8855	10.951	ug/l	98
52) Toluene	10.38	92	21511	2.468	ug/l	98

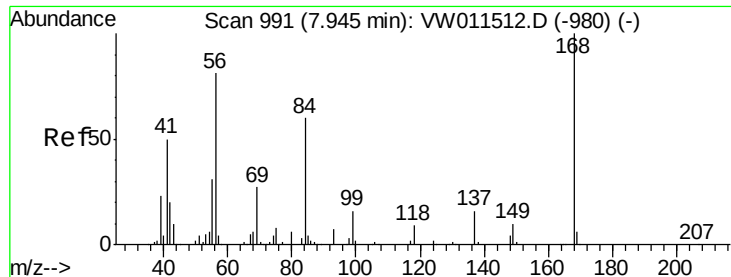
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081919\
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Acq On : 20 Aug 2019 01:13
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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 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: VW012012.D

Acq: 20 Aug 2019 01:13

Instrument :

MSVOA_W

ClientSampleId :

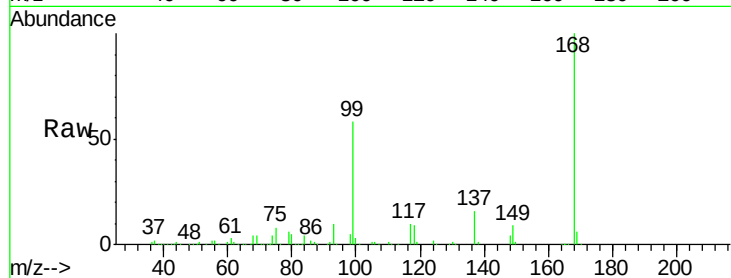
T8-E4-(2)

Tot Ion:168 Resp: 295977

Ion Ratio Lower Upper

168 100

99 58.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

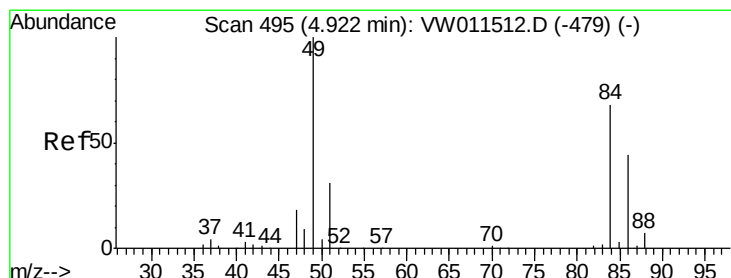
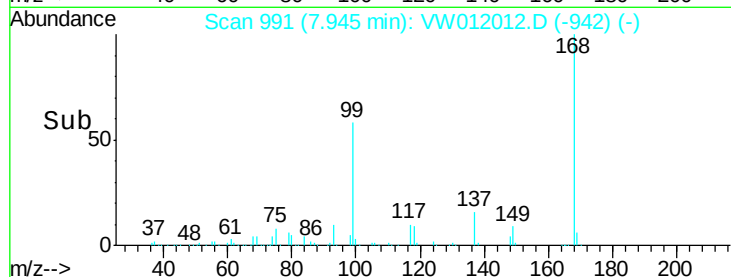
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 6.361 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012012.D

Acq: 20 Aug 2019 01:13

Tgt Ion: 84 Resp: 23718

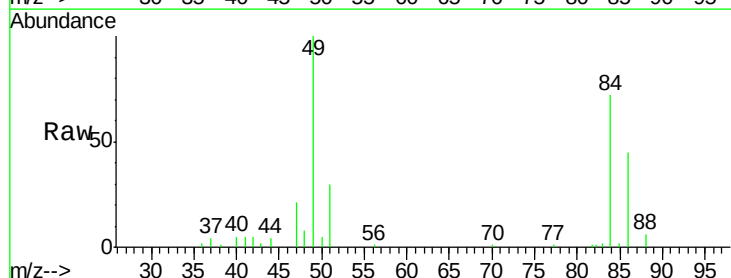
Ion Ratio Lower Upper

84 100

49 139.0 117.8 176.6

51 42.4 37.0 55.4

86 62.5 51.8 77.8



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

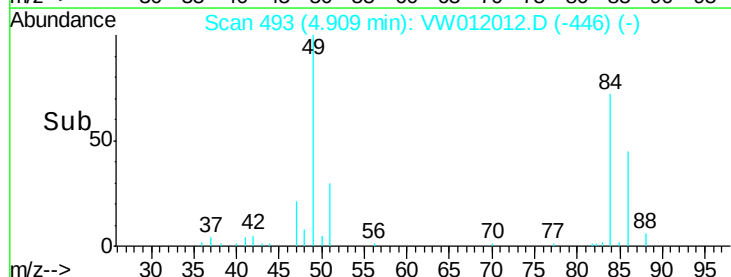
15000

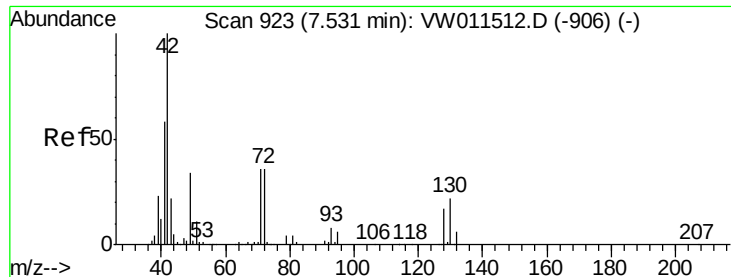
10000

5000

0

Time--> 4.80 4.90 5.00 5.10

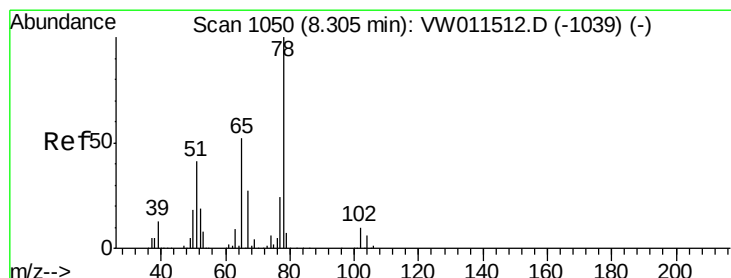
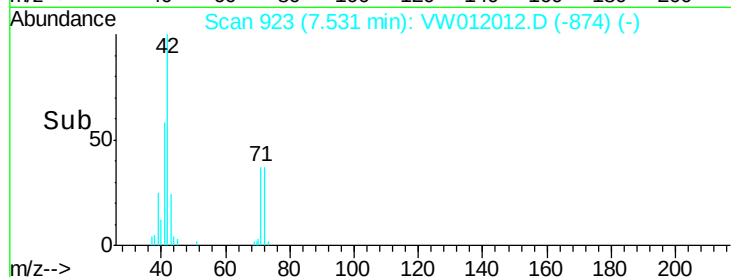
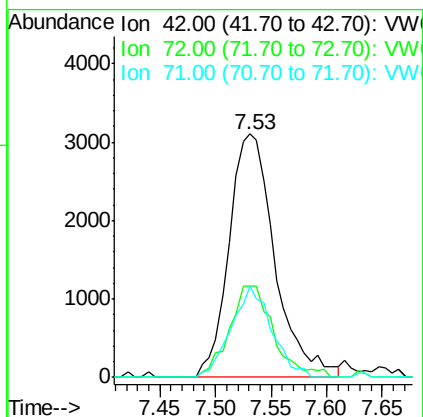
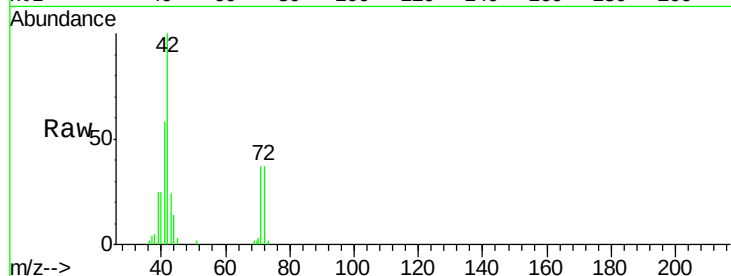




#29
Tetrahydrofuran
Concen: 10.951 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012012.D
Acq: 20 Aug 2019 01:13

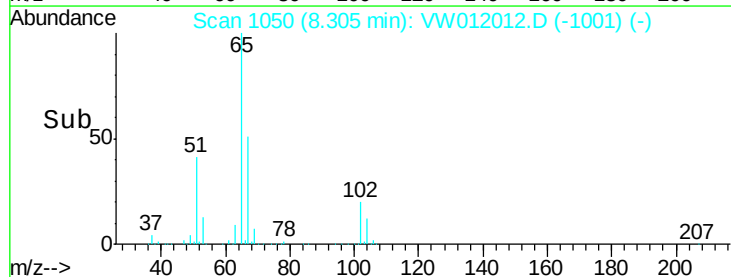
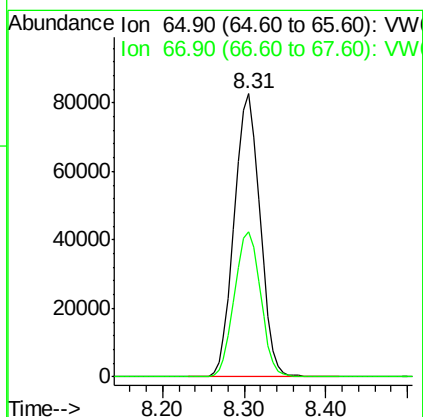
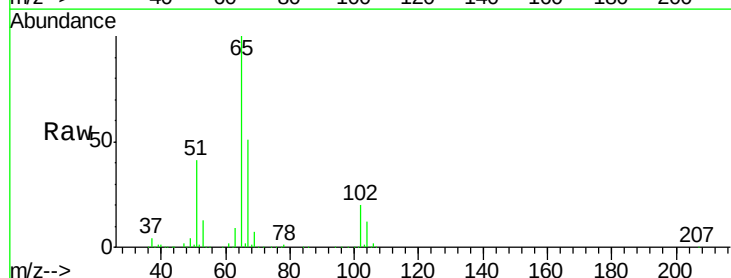
Instrument :
MSVOA_W
ClientSampleId :
T8-E4-(2)

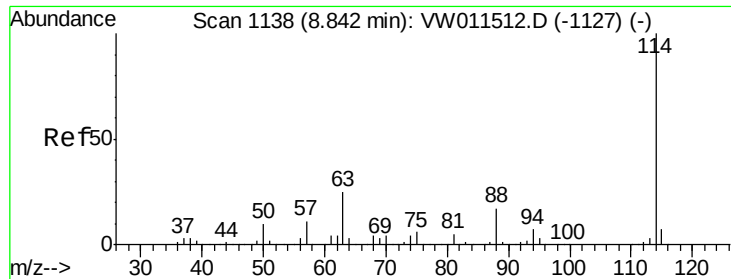
Tot Ion	Ratio	Lower	Upper
42	100		
72	36.2	27.1	40.7
71	33.0	26.2	39.4



#33
1,2-Dichloroethane-d4
Concen: 53.215 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012012.D
Acq: 20 Aug 2019 01:13

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	105.2

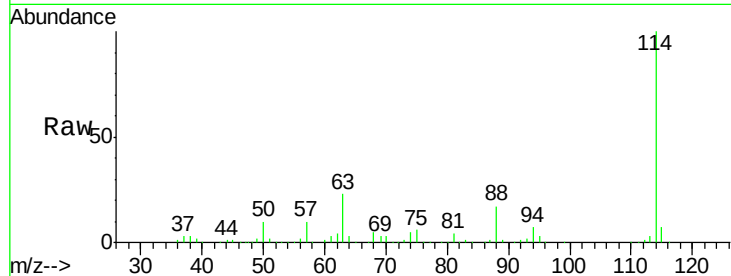




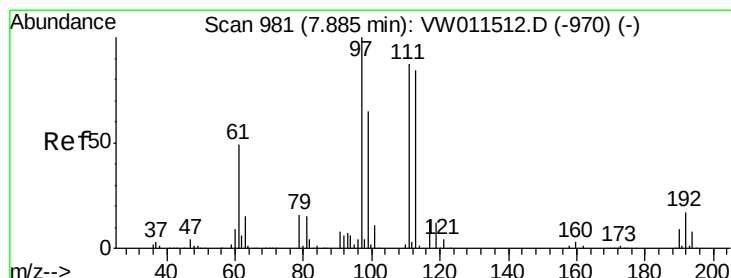
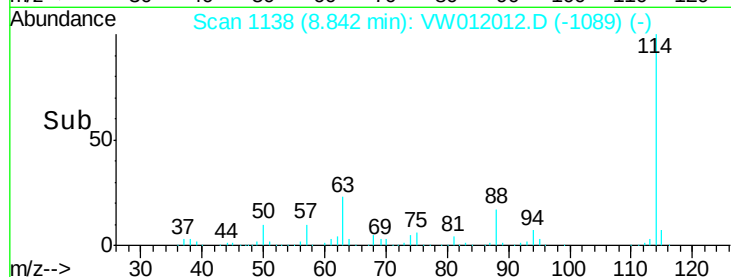
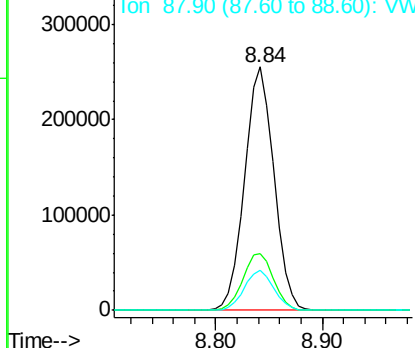
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW012012.D
Acq: 20 Aug 2019 01:13

Instrument :
MSVOA_W
ClientSampleId :
T8-E4-(2)

Tot Ion:114 Resp: 495560
Ion Ratio Lower Upper
114 100
63 23.3 0.0 49.2
88 16.7 0.0 33.8

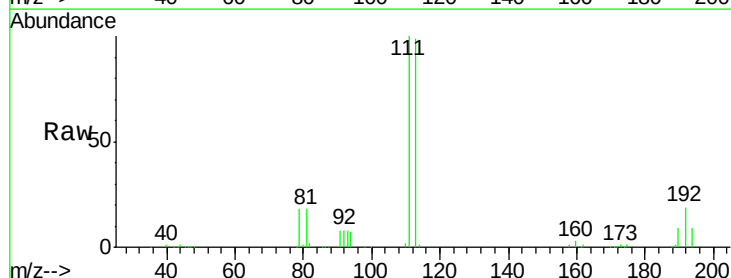


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

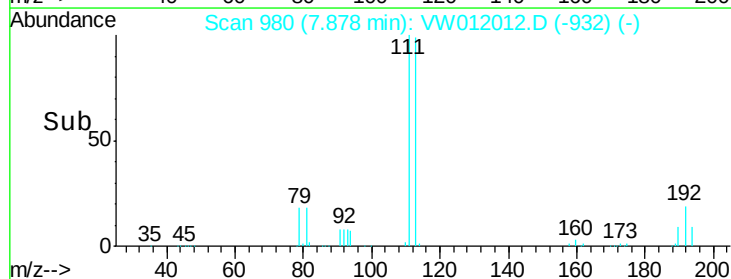
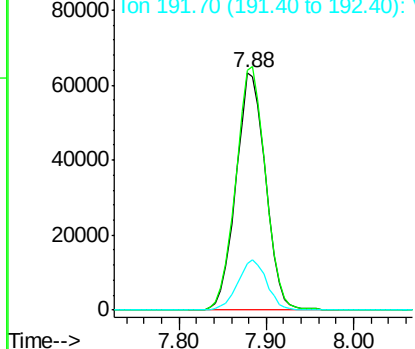


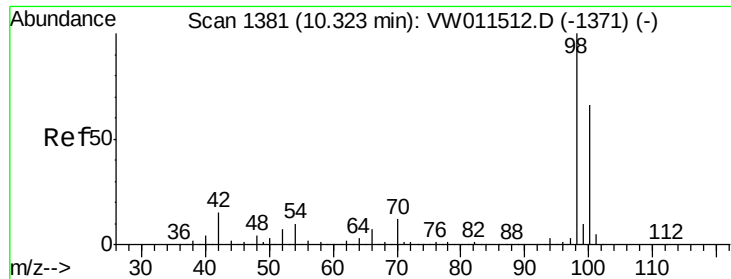
#35
Dibromofluoromethane
Concen: 53.545 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW012012.D
Acq: 20 Aug 2019 01:13

Tgt Ion:113 Resp: 148865
Ion Ratio Lower Upper
113 100
111 102.8 82.7 124.1
192 20.7 16.1 24.1



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

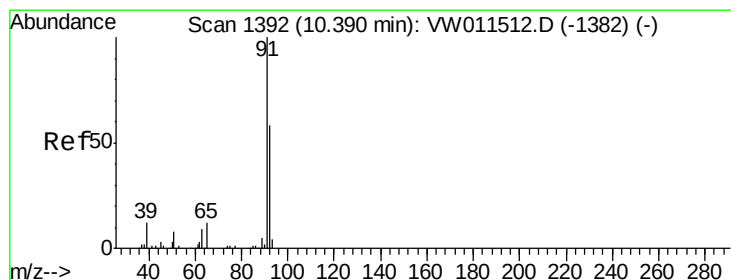
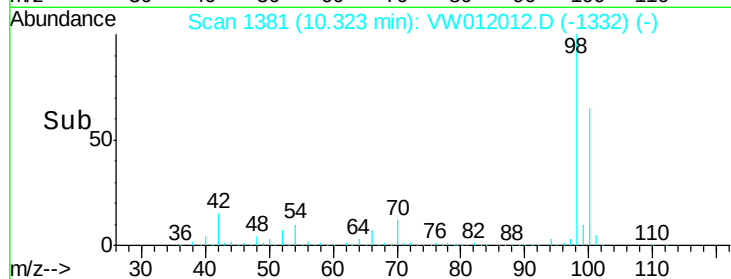
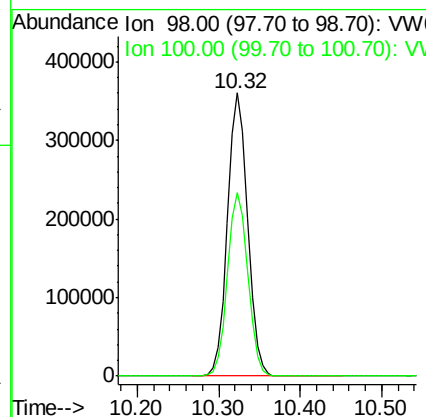
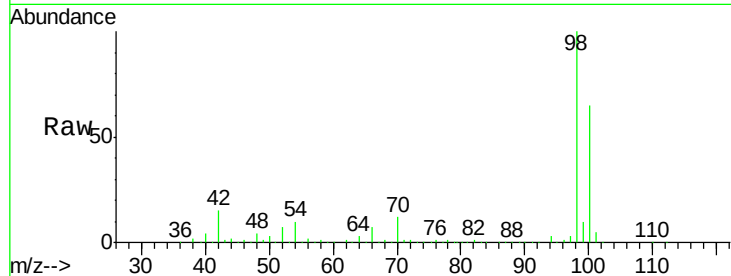




#50
Toluene-d8
Concen: 54.040 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012012.D
Acq: 20 Aug 2019 01:13

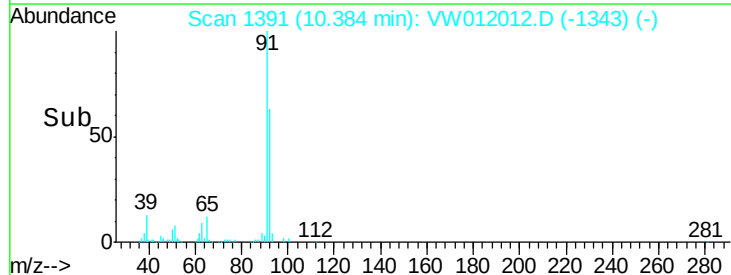
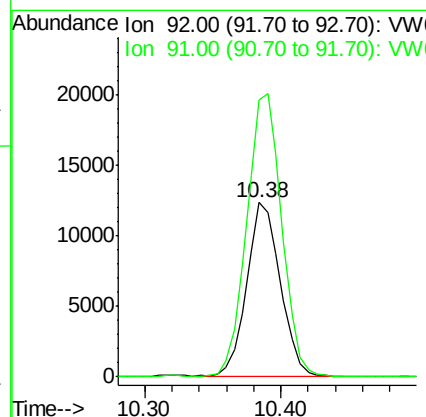
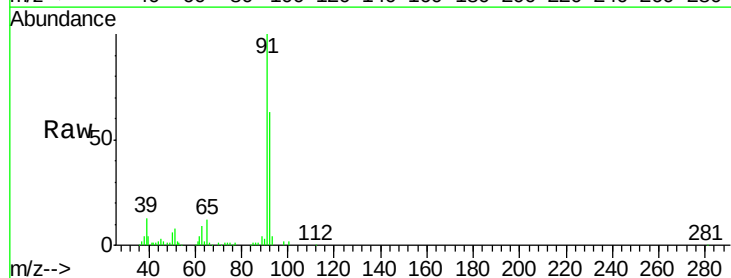
Instrument :
MSVOA_W
ClientSampleId :
T8-E4-(2)

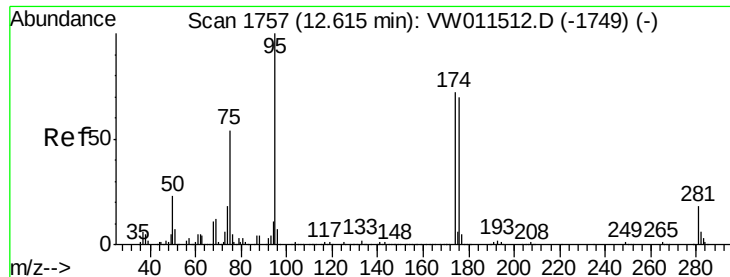
Tot Ion: 98 Resp: 615129
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1



#52
Toluene
Concen: 2.468 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW012012.D
Acq: 20 Aug 2019 01:13

Tgt Ion: 92 Resp: 21511
Ion Ratio Lower Upper
92 100
91 168.3 136.7 205.1

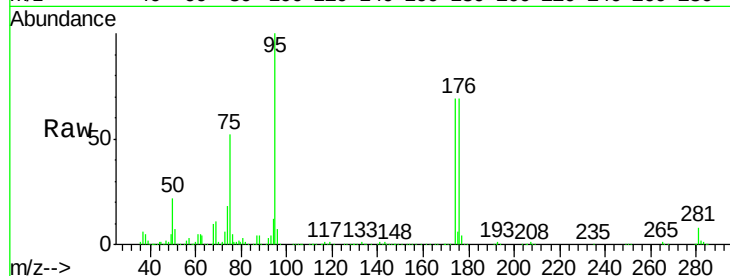




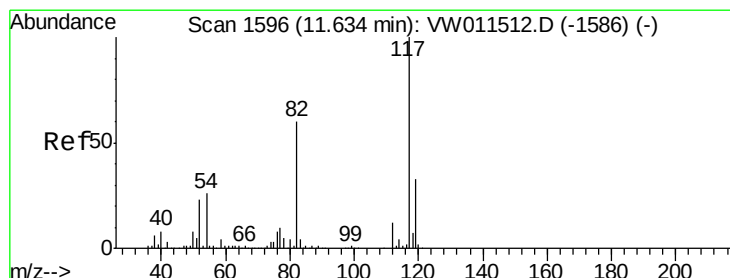
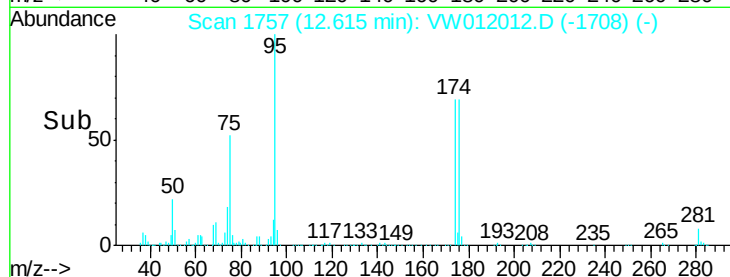
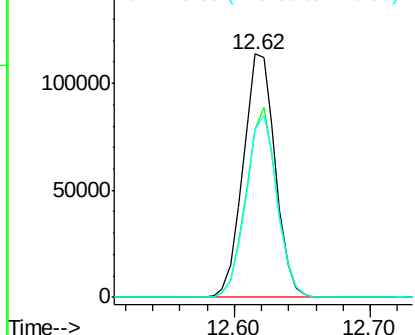
#62
4-Bromofluorobenzene
Concen: 46.107 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012012.D
Acq: 20 Aug 2019 01:13

Instrument :
MSVOA_W
ClientSampleId :
T8-E4-(2)

Tot Ion: 95 Resp: 187112
Ion Ratio Lower Upper
95 100
174 74.8 0.0 150.2
176 73.6 0.0 144.4

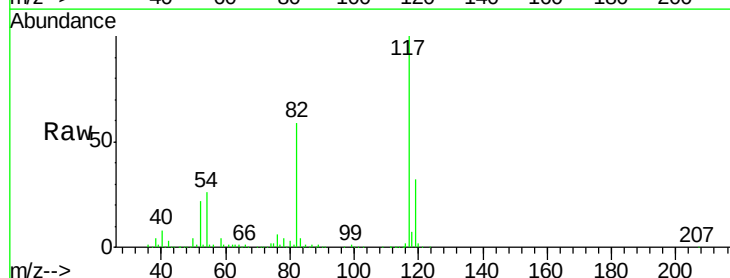


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

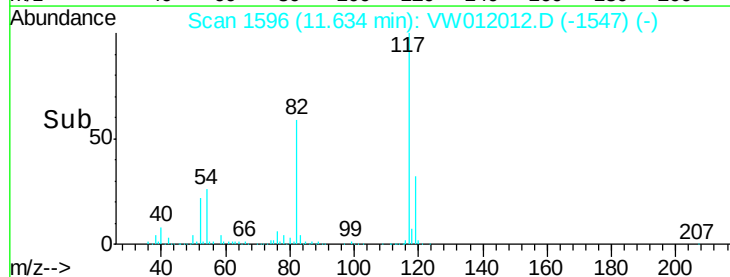
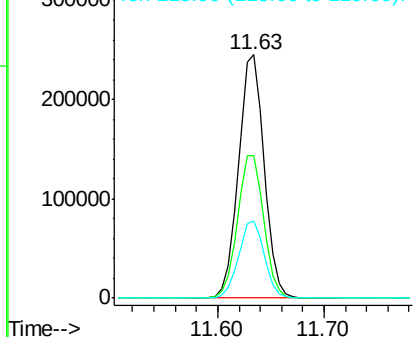


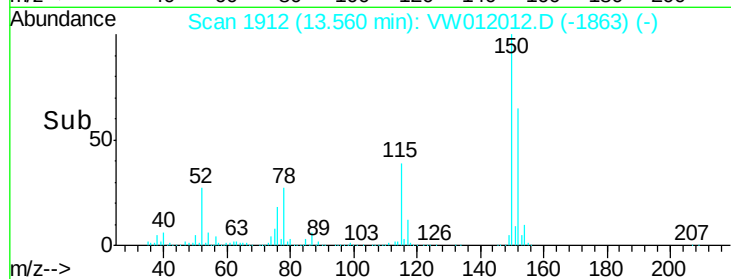
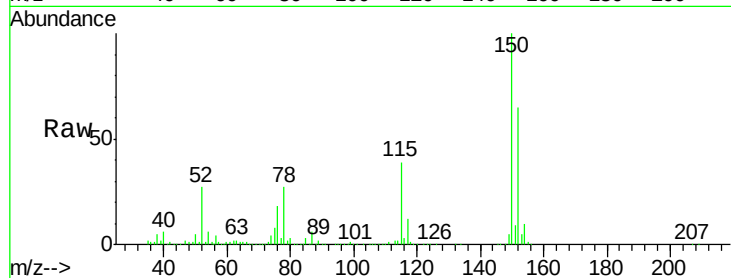
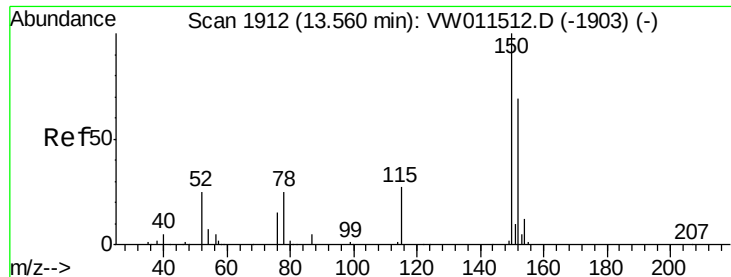
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012012.D
Acq: 20 Aug 2019 01:13

Tgt Ion: 117 Resp: 414674
Ion Ratio Lower Upper
117 100
82 58.6 47.9 71.9
119 32.0 26.2 39.2



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012012.D

Acq: 20 Aug 2019 01:13

Instrument :

MSVOA_W

ClientSampleId :

T8-E4-(2)

Tot Ion:152 Resp: 146859

Ion Ratio Lower Upper

152 100

115 59.4 30.5 91.5

150 155.7 0.0 352.6

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

