

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081719\
 Data File : VW011974.D
 Acq On : 16 Aug 2019 19:08
 Operator : SY/VA
 Sample : K4389-01
 Misc : 5.13G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T6-E1-(2)

Quant Time: Aug 17 05:43:39 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

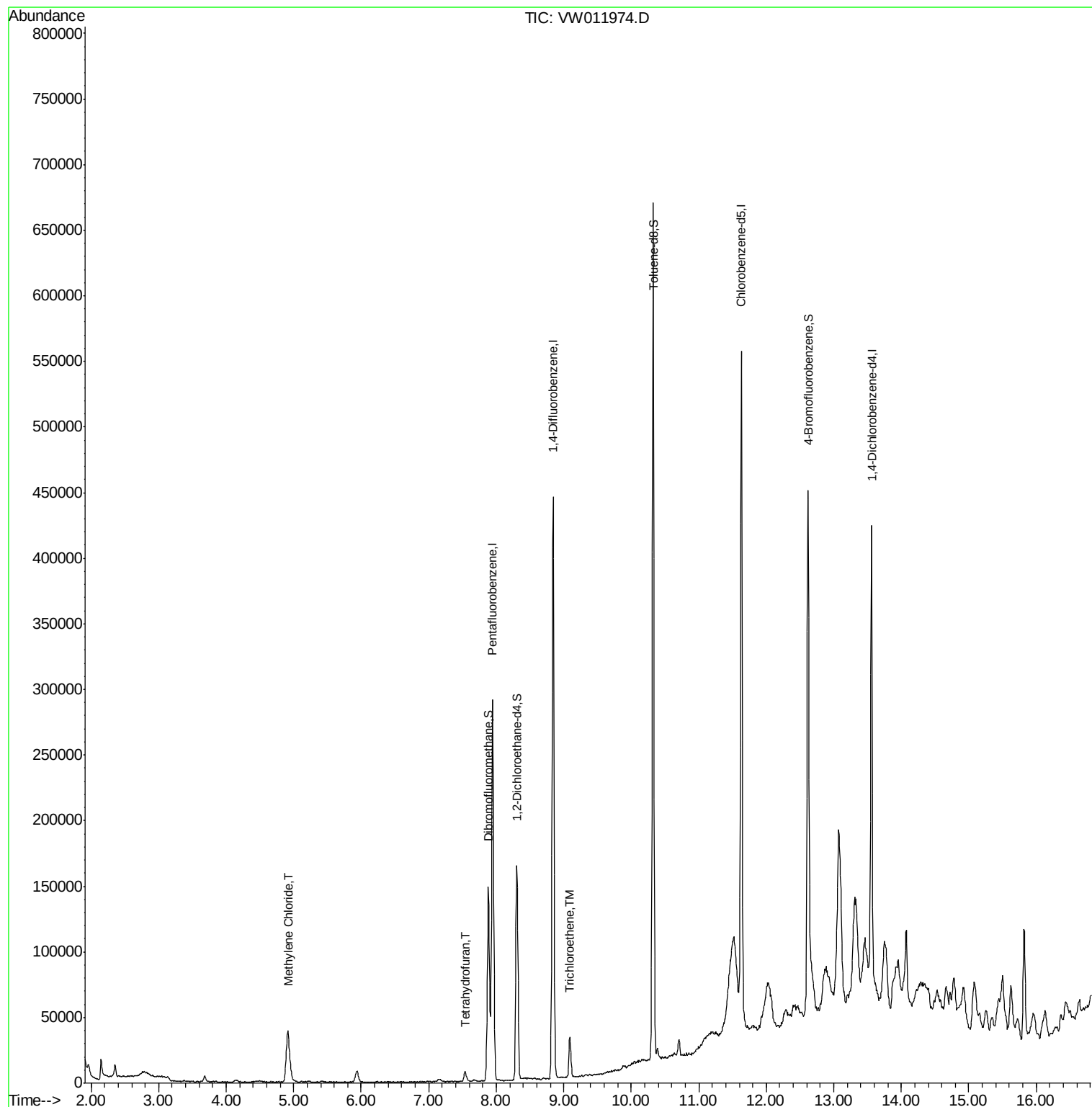
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	208242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	348477	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	269538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	88031	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	130413	54.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.08%	
35) Dibromofluoromethane	7.88	113	104382	53.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.78%	
50) Toluene-d8	10.32	98	419487	52.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.82%	
62) 4-Bromofluorobenzene	12.62	95	134016	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
Target Compounds						
20) Methylene Chloride	4.92	84	31376	11.961	ug/l	95
29) Tetrahydrofuran	7.54	42	6945	12.207	ug/l	97
44) Trichloroethene	9.09	130	10579	4.337	ug/l	96

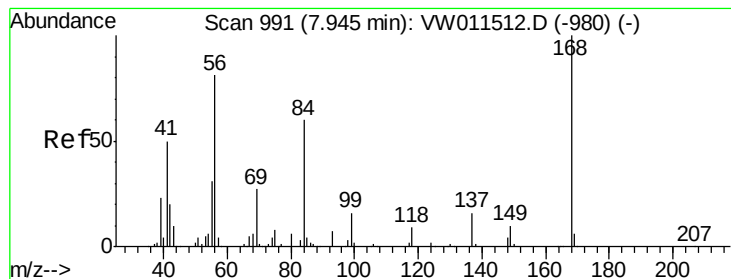
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
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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: VW011974.D

Acq: 16 Aug 2019 19:08

Instrument :

MSVOA_W

ClientSampleId :

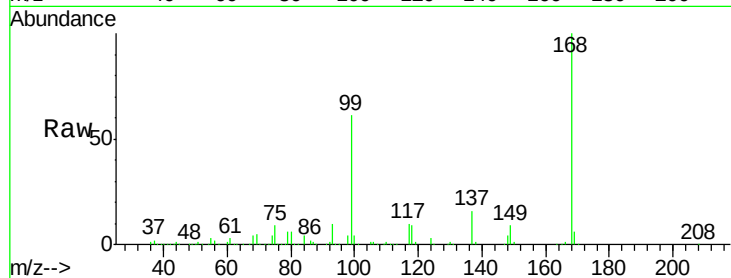
T6-E1-(2)

Tot Ion:168 Resp: 208242

Ion Ratio Lower Upper

168 100

99 61.5 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

100000

80000

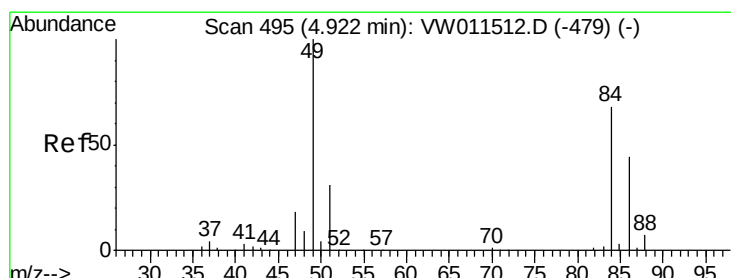
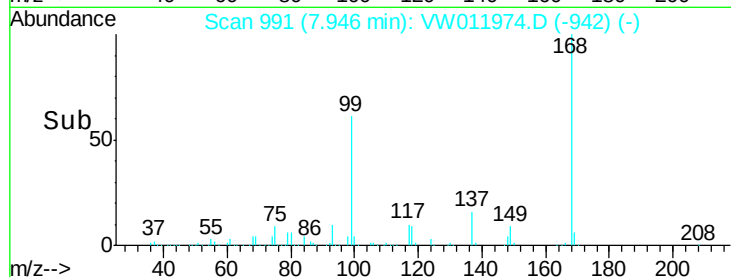
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 11.961 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW011974.D

Acq: 16 Aug 2019 19:08

Tgt Ion: 84 Resp: 31376

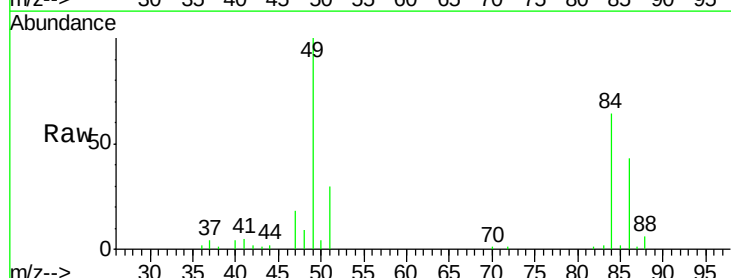
Ion Ratio Lower Upper

84 100

49 156.3 117.8 176.6

51 47.6 37.0 55.4

86 67.4 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

20000

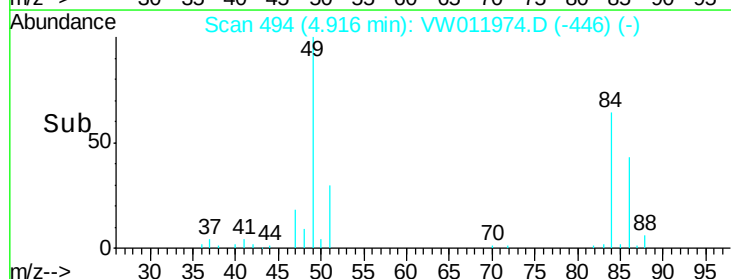
15000

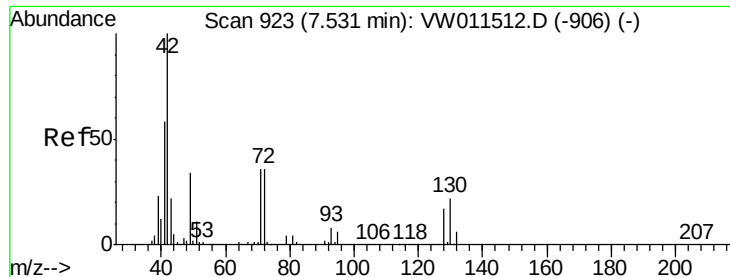
10000

5000

0

Time-->

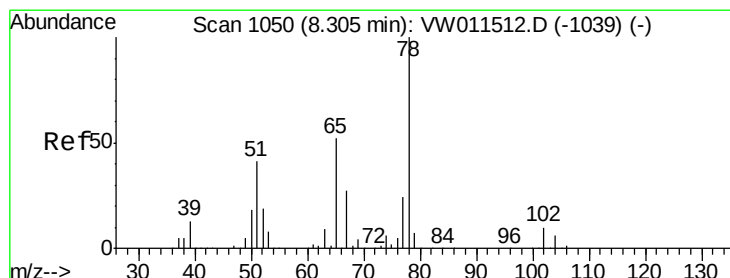
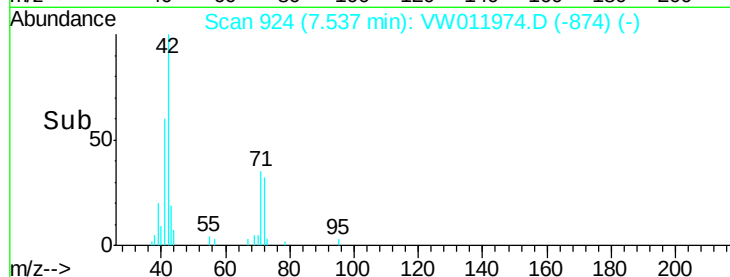
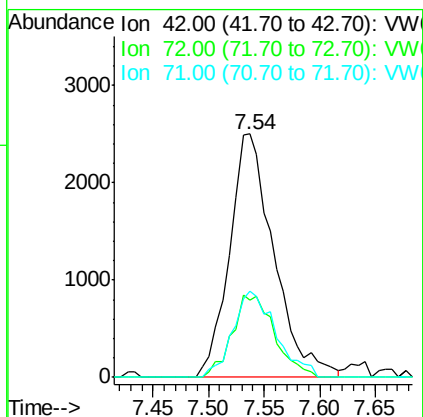
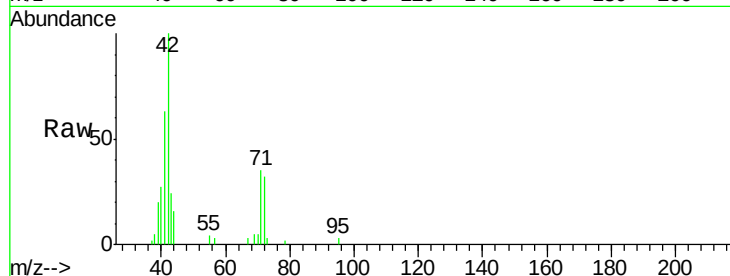




#29
Tetrahydrofuran
Concen: 12.207 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW011974.D
Acq: 16 Aug 2019 19:08

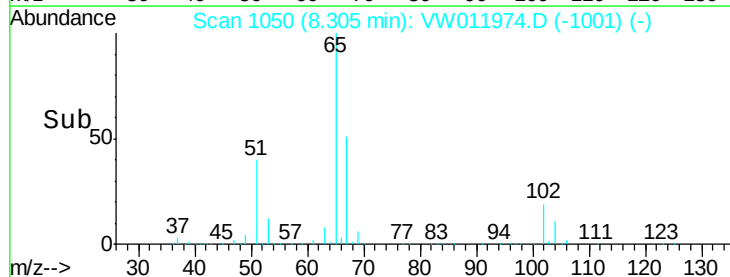
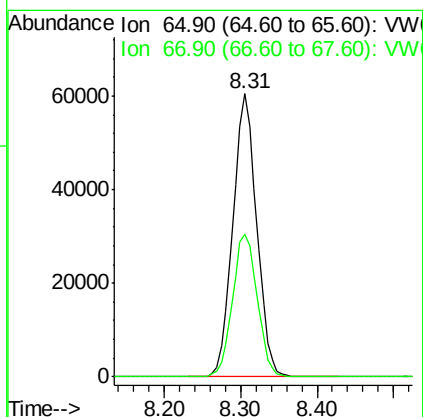
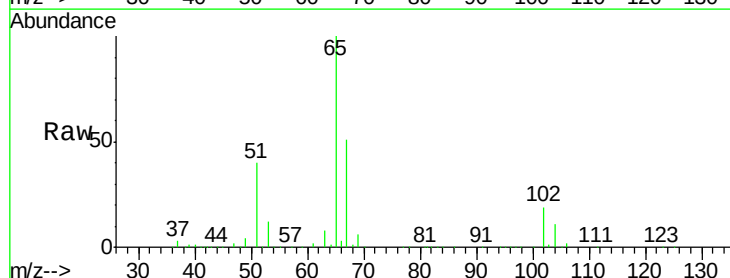
Instrument :
MSVOA_W
ClientSampleId :
T6-E1-(2)

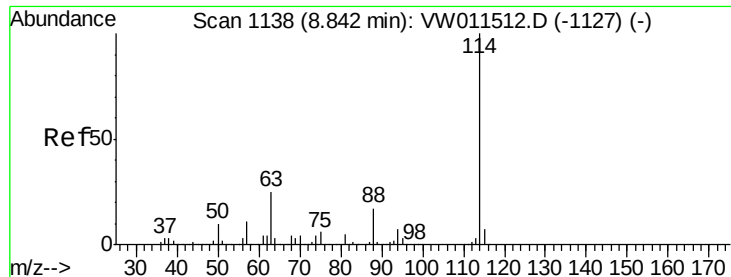
Tot Ion: 42 Resp: 6945
Ion Ratio Lower Upper
42 100
72 32.3 27.1 40.7
71 34.3 26.2 39.4



#33
1,2-Dichloroethane-d4
Concen: 54.539 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW011974.D
Acq: 16 Aug 2019 19:08

Tgt Ion: 65 Resp: 130413
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.2

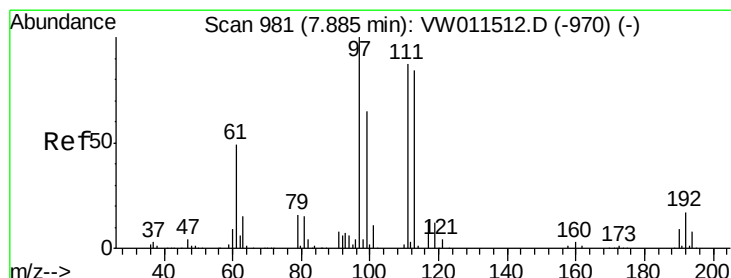
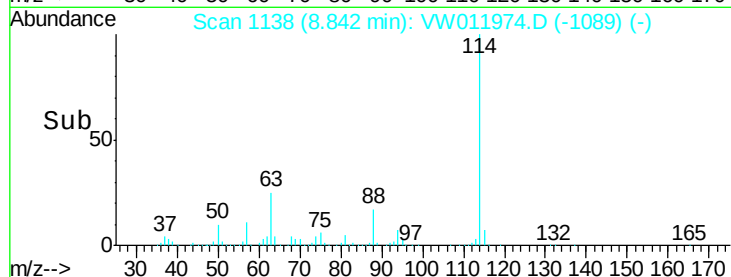
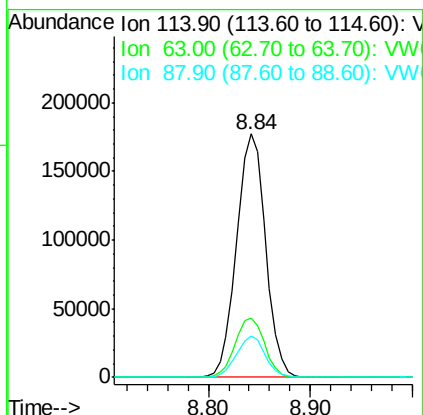
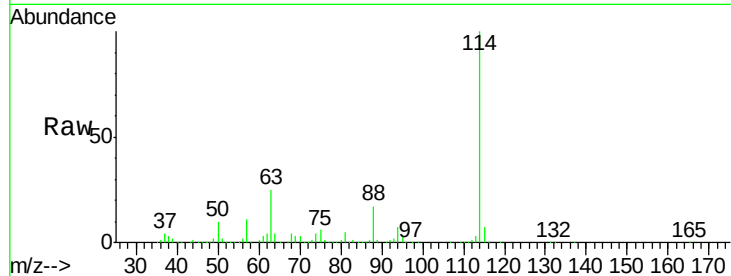




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011974.D
 Acq: 16 Aug 2019 19:08

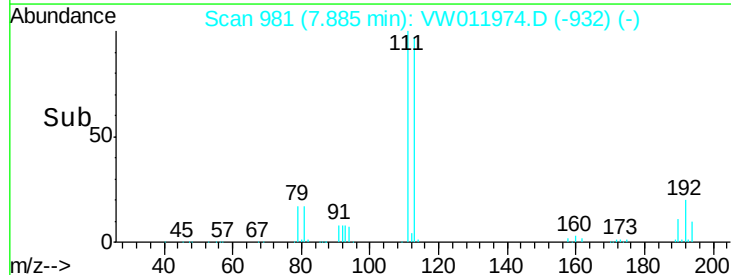
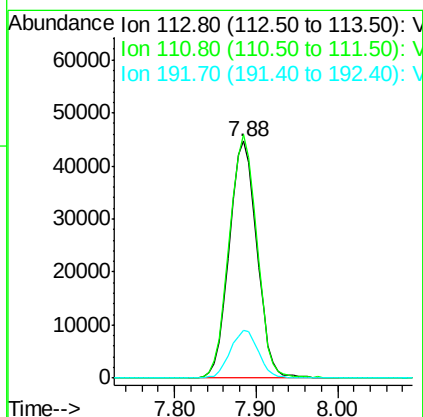
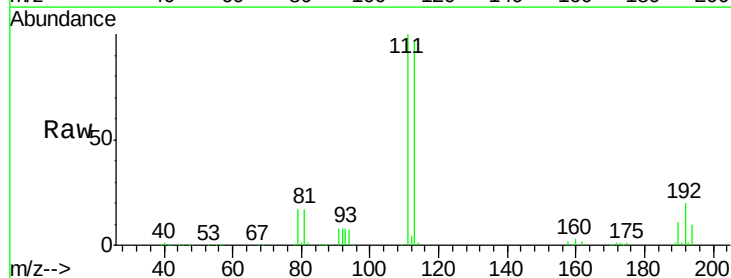
Instrument :
 MSVOA_W
 ClientSampleId :
 T6-E1-(2)

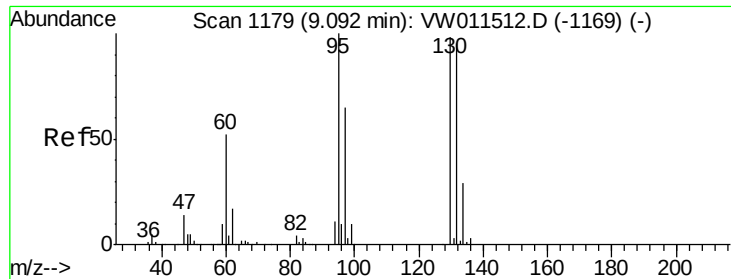
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.5	0.0	49.2
88	16.8	0.0	33.8



#35
 Dibromofluoromethane
 Concen: 53.392 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011974.D
 Acq: 16 Aug 2019 19:08

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.7	124.1
192	20.4	16.1	24.1





#44

Trichloroethene

Concen: 4.337 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW011974.D

Acq: 16 Aug 2019 19:08

Instrument :

MSVOA_W

ClientSampleId :

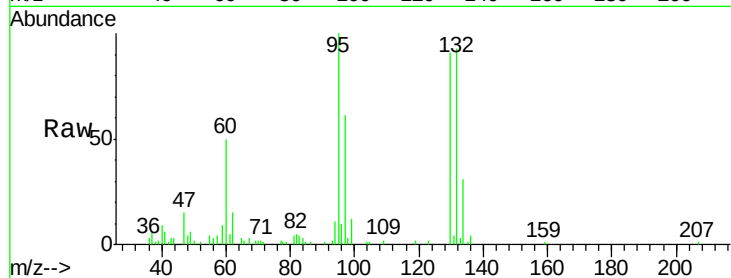
T6-E1-(2)

Tot Ion:130 Resp: 10579

Ion Ratio Lower Upper

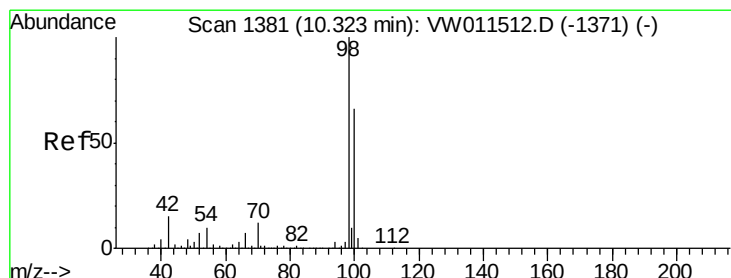
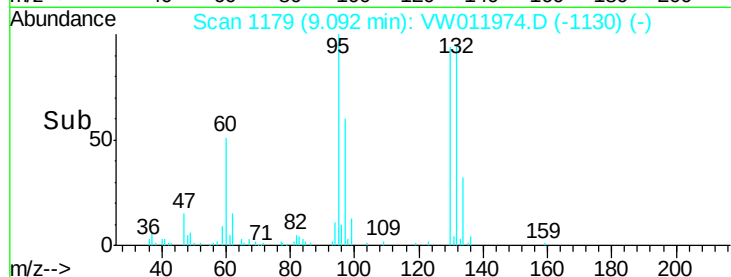
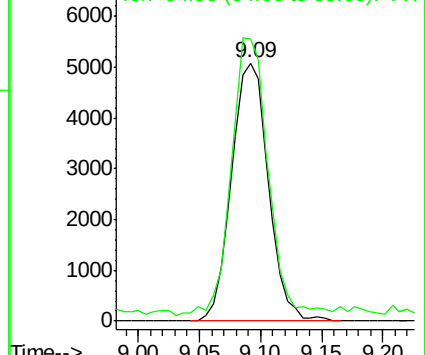
130 100

95 106.4 0.0 204.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW



#50

Toluene-d8

Concen: 52.407 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011974.D

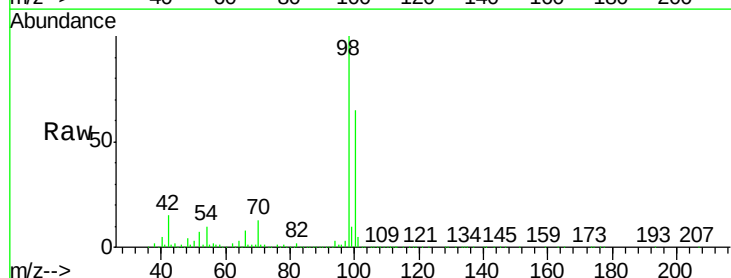
Acq: 16 Aug 2019 19:08

Tgt Ion: 98 Resp: 419487

Ion Ratio Lower Upper

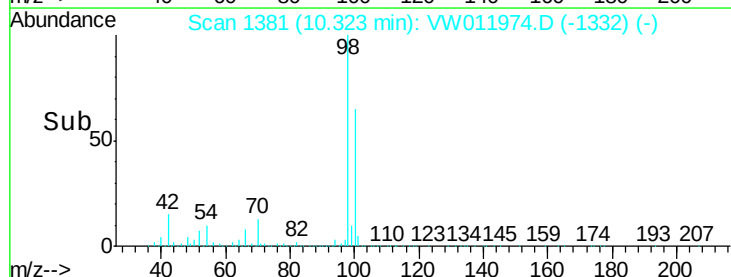
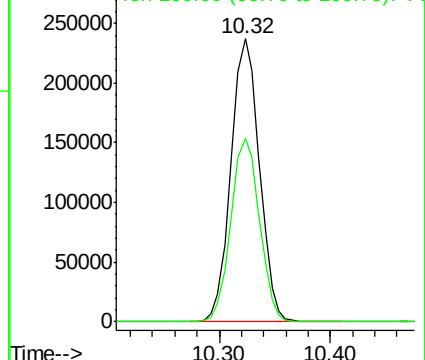
98 100

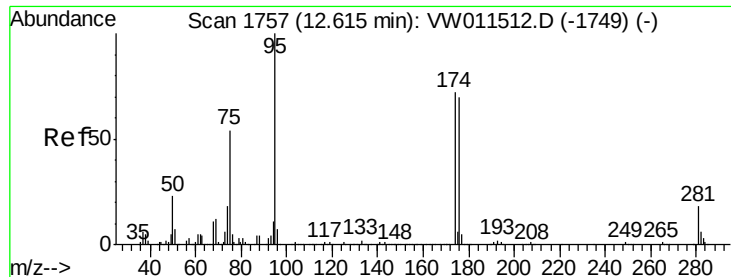
100 65.3 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 46.962 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW011974.D

Acq: 16 Aug 2019 19:08

Instrument :

MSVOA_W

ClientSampleId :

T6-E1-(2)

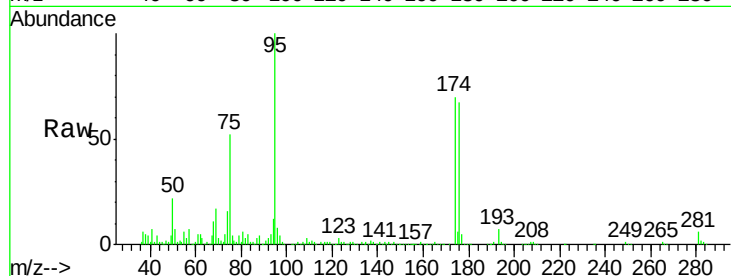
Tot Ion: 95 Resp: 134016

Ion Ratio Lower Upper

95 100

174 68.7 0.0 150.2

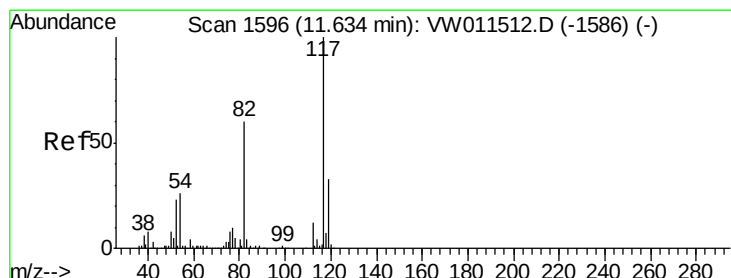
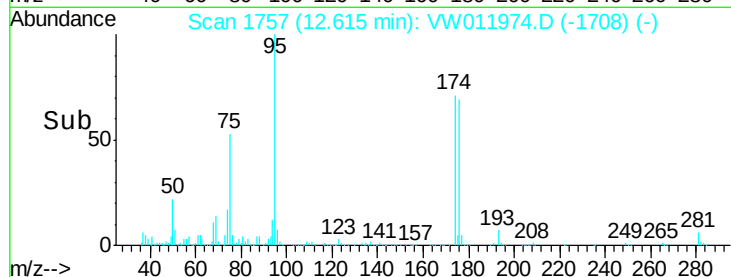
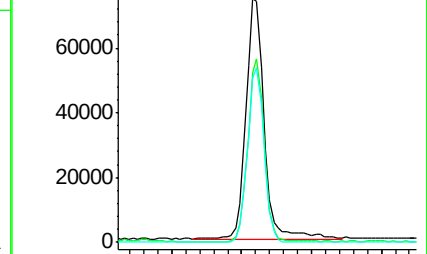
176 65.5 0.0 144.4



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: VW011974.D

Acq: 16 Aug 2019 19:08

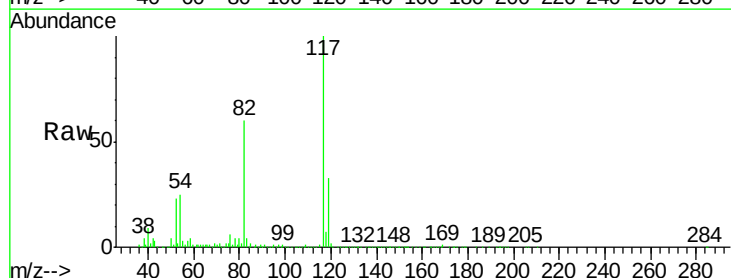
Tgt Ion: 117 Resp: 269538

Ion Ratio Lower Upper

117 100

82 60.0 47.9 71.9

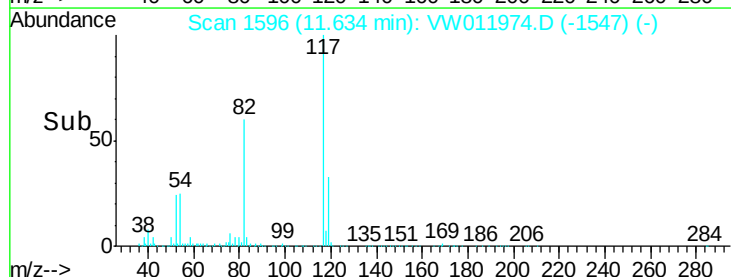
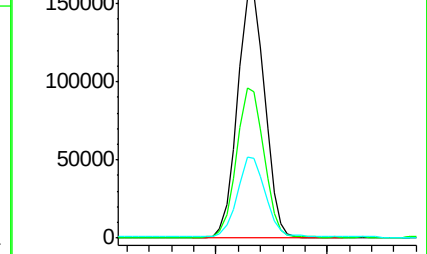
119 32.5 26.2 39.2

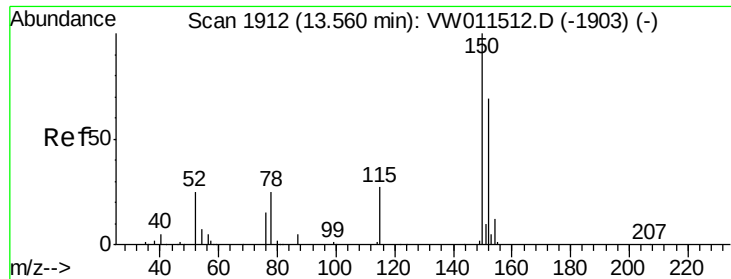


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW011974.D

Acq: 16 Aug 2019 19:08

Instrument :

MSVOA_W

ClientSampleId :

T6-E1-(2)

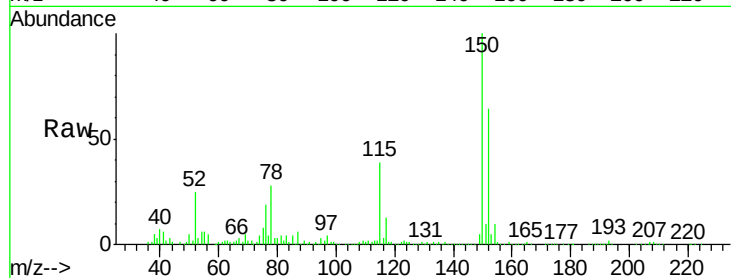
Tot Ion:152 Resp: 88031

Ion Ratio Lower Upper

152 100

115 59.8 30.5 91.5

150 157.5 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

