

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082119\
 Data File : VW012095.D
 Acq On : 22 Aug 2019 02:21
 Operator : SY/VA
 Sample : K4403-19
 Misc : 6.02G/5ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-K1-(0)

Quant Time: Aug 22 07:23:04 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

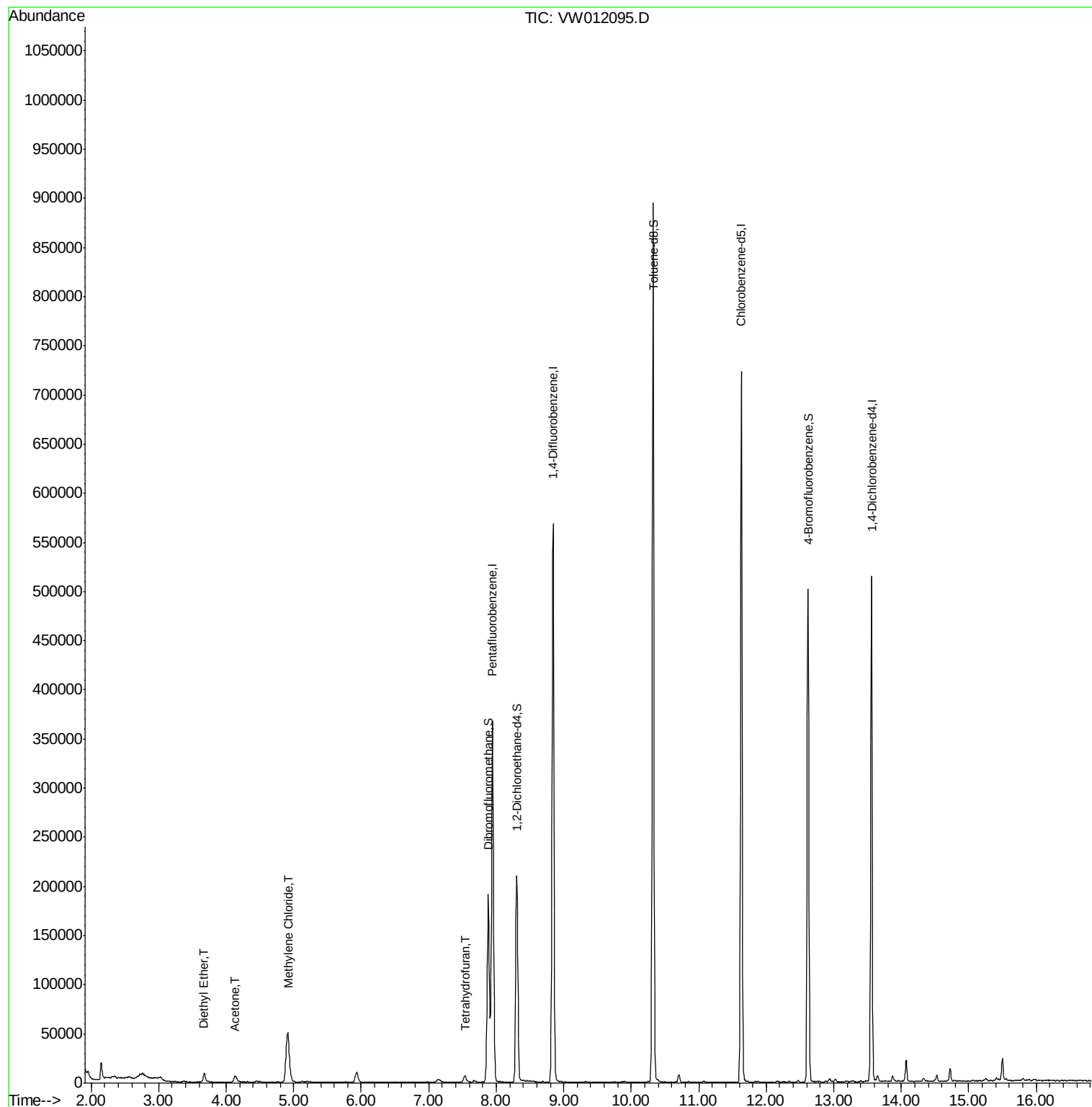
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	263508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	442313	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	373769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	127188	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	170314	56.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.58%	
35) Dibromofluoromethane	7.88	113	134440	54.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.36%	
50) Toluene-d8	10.32	98	556998	54.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.64%	
62) 4-Bromofluorobenzene	12.62	95	165718	45.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.50%	
Target Compounds						
8) Diethyl Ether	3.67	74	4305	2.771	ug/l	90
16) Acetone	4.13	43	13505	14.031	ug/l	99
20) Methylene Chloride	4.92	84	37994	11.446	ug/l	98
29) Tetrahydrofuran	7.54	42	6028	8.373	ug/l	95

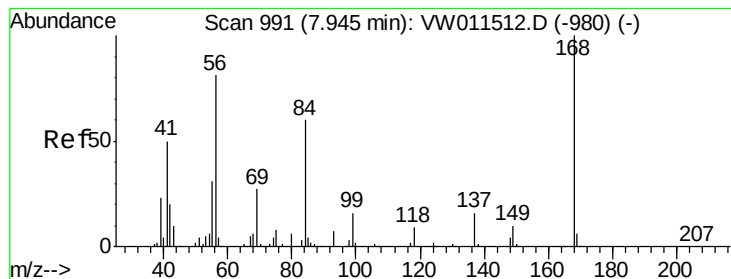
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082119\
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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: VW012095.D

Acq: 22 Aug 2019 02:21

Instrument :

MSVOA_W

ClientSampleId :

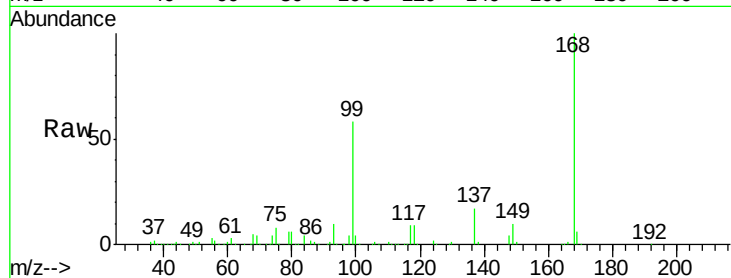
T1-K1-(0)

Tot Ion:168 Resp: 263508

Ion Ratio Lower Upper

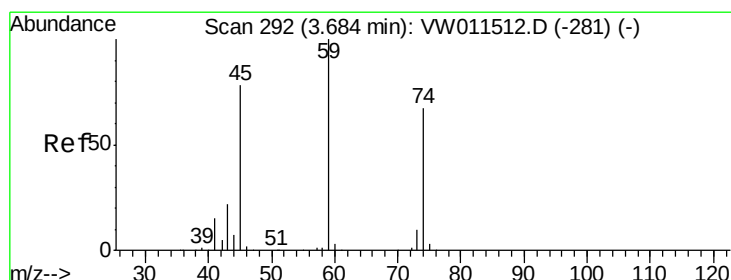
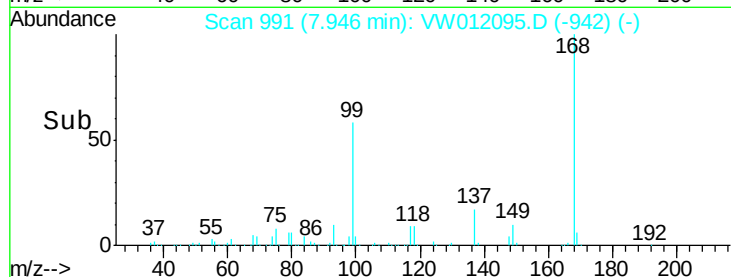
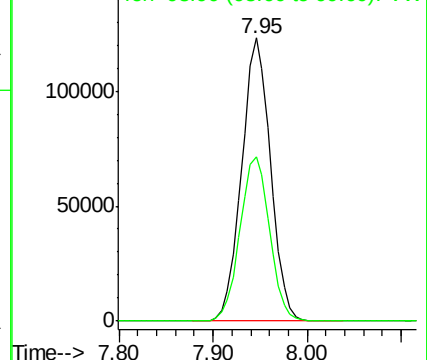
168 100

99 58.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.771 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW012095.D

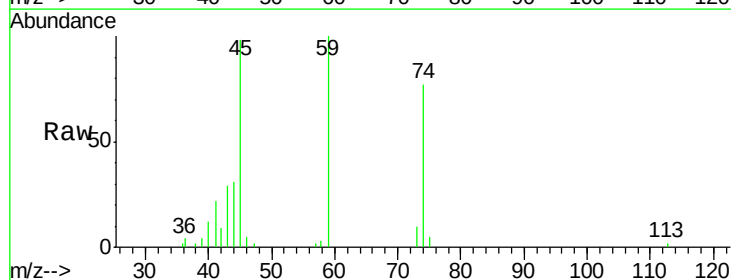
Acq: 22 Aug 2019 02:21

Tgt Ion: 74 Resp: 4305

Ion Ratio Lower Upper

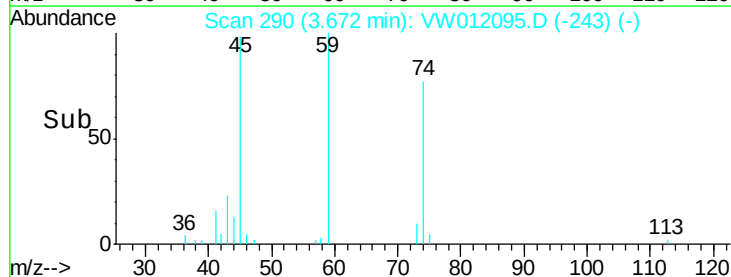
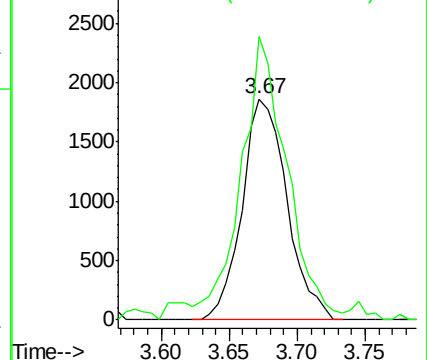
74 100

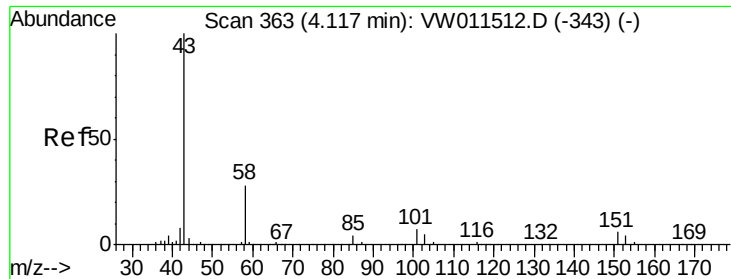
45 130.0 59.6 178.8



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 14.031 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012095.D

Acq: 22 Aug 2019 02:21

Instrument :

MSVOA_W

ClientSampleId :

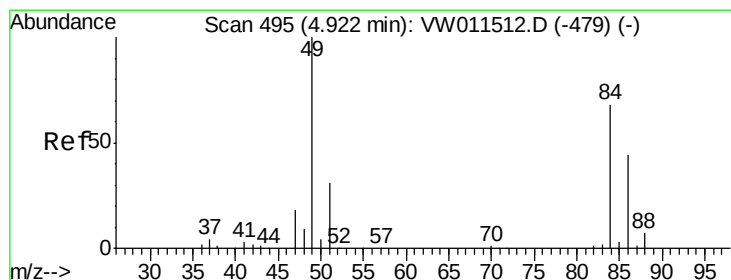
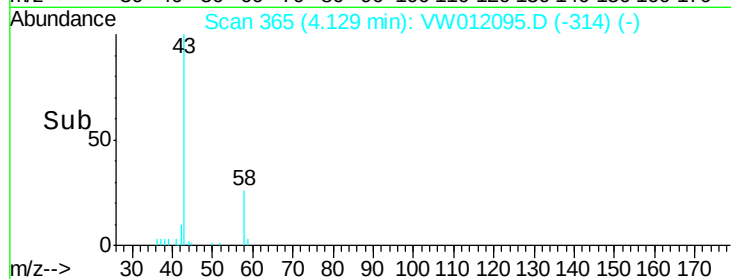
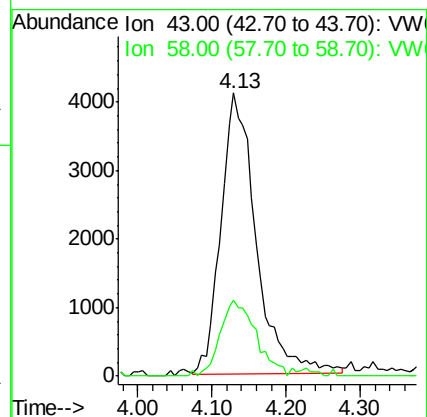
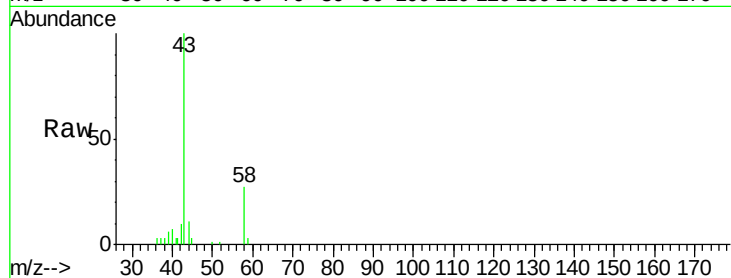
T1-K1-(0)

Tot Ion: 43 Resp: 13505

Ion Ratio Lower Upper

43 100

58 27.4 22.3 33.5



#20

Methylene Chloride

Concen: 11.446 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012095.D

Acq: 22 Aug 2019 02:21

Tgt Ion: 84 Resp: 37994

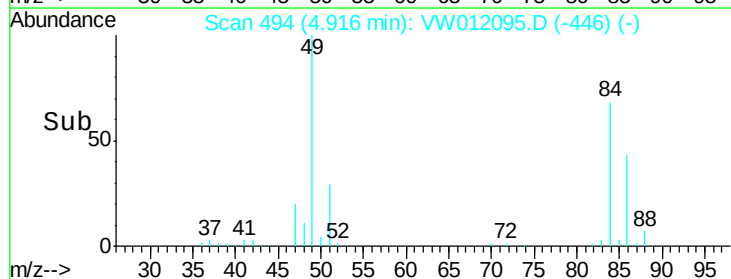
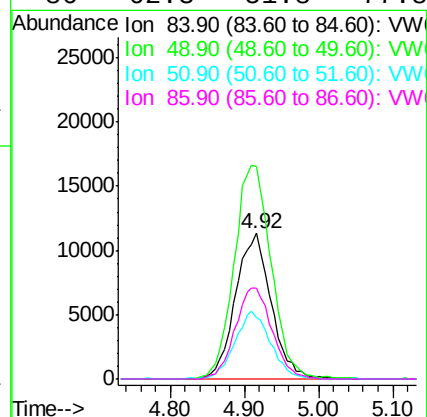
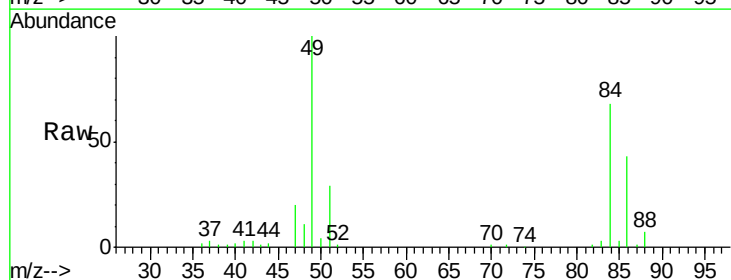
Ion Ratio Lower Upper

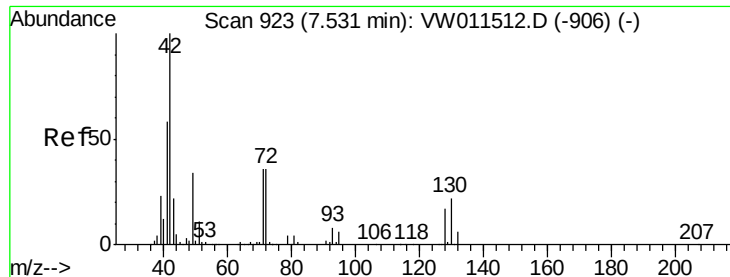
84 100

49 146.1 117.8 176.6

51 42.4 37.0 55.4

86 62.3 51.8 77.8

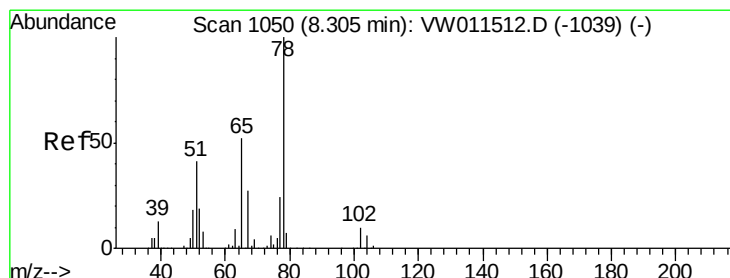
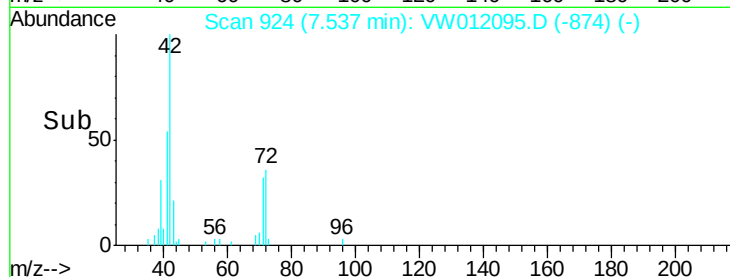
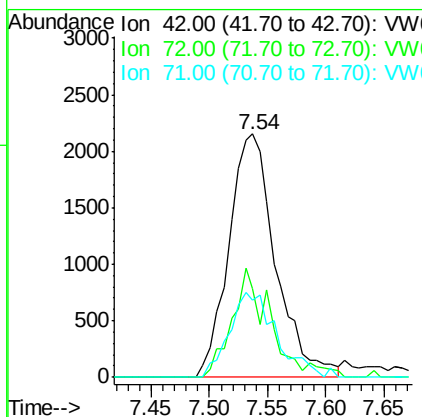
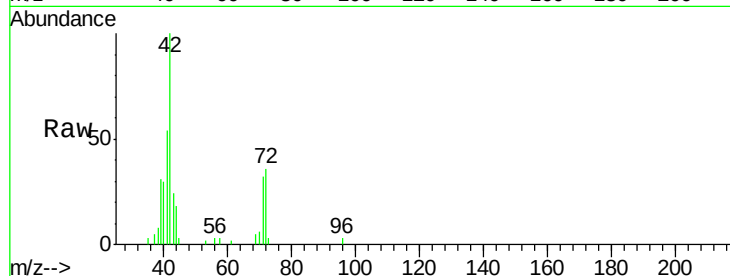




#29
Tetrahydrofuran
Concen: 8.373 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012095.D
Acq: 22 Aug 2019 02:21

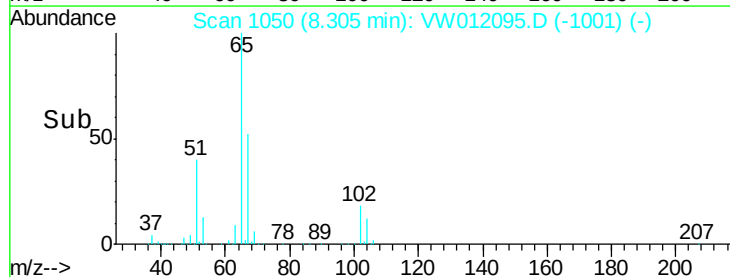
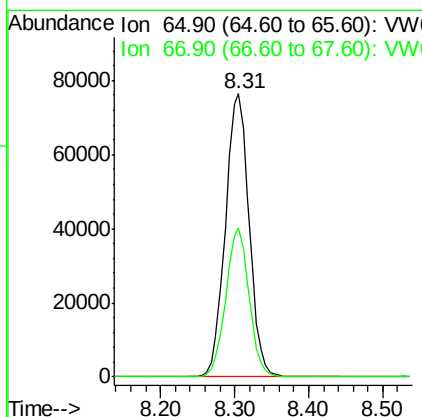
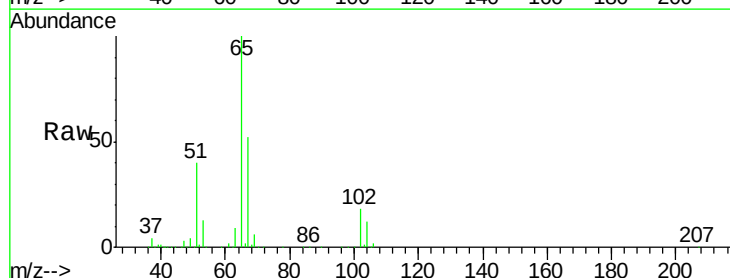
Instrument :
MSVOA_W
ClientSampled :
T1-K1-(0)

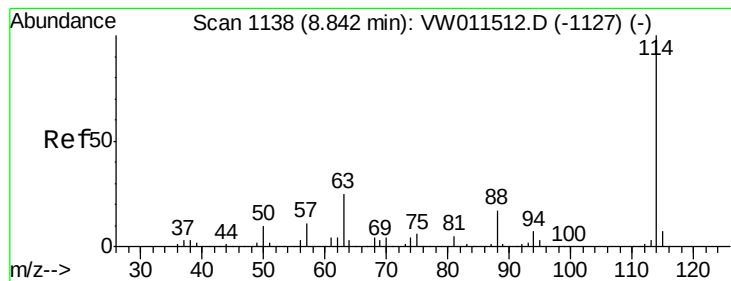
Tot Ion: 42 Resp: 6028
Ion Ratio Lower Upper
42 100
72 37.4 27.1 40.7
71 34.7 26.2 39.4



#33
1,2-Dichloroethane-d4
Concen: 56.287 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW012095.D
Acq: 22 Aug 2019 02:21

Tgt Ion: 65 Resp: 170314
Ion Ratio Lower Upper
65 100
67 51.6 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: VW012095.D

Acq: 22 Aug 2019 02:21

Instrument :

MSVOA_W

ClientSampleId :

T1-K1-(0)

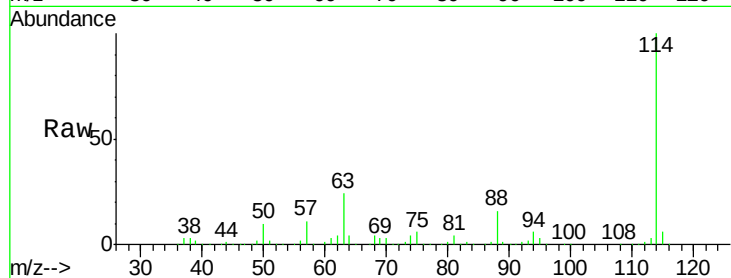
Tot Ion:114 Resp: 442313

Ion Ratio Lower Upper

114 100

63 24.4 0.0 49.2

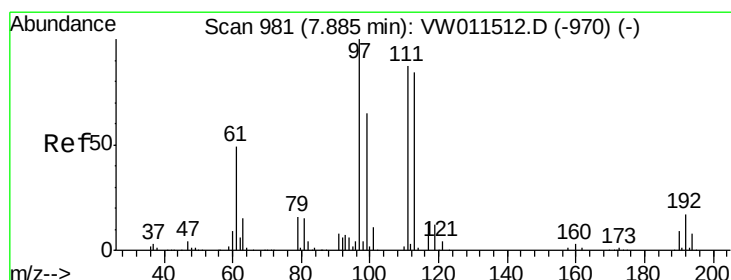
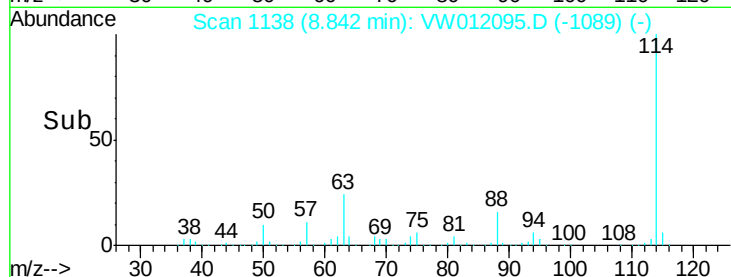
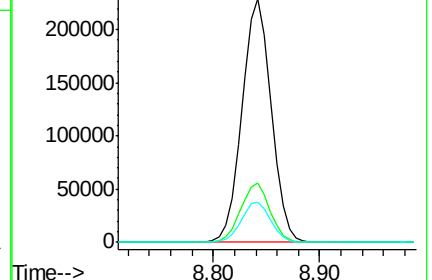
88 16.2 0.0 33.8



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: 54.178 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012095.D

Acq: 22 Aug 2019 02:21

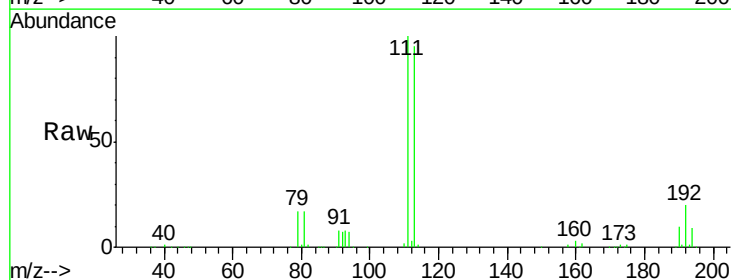
Tgt Ion:113 Resp: 134440

Ion Ratio Lower Upper

113 100

111 103.2 82.7 124.1

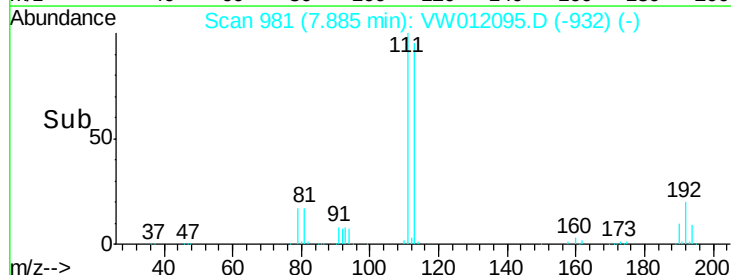
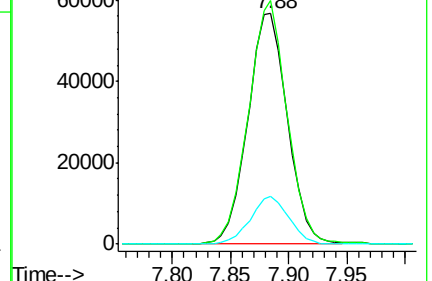
192 20.2 16.1 24.1

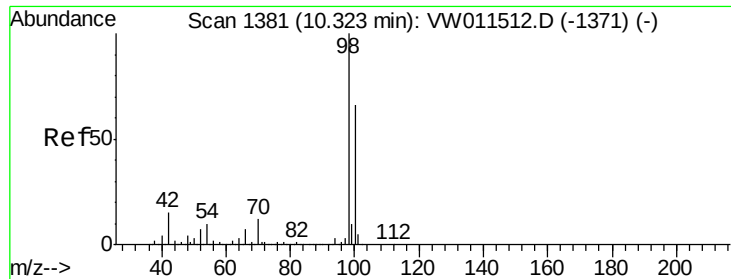


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.824 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012095.D

Acq: 22 Aug 2019 02:21

Instrument :

MSVOA_W

ClientSampleId :

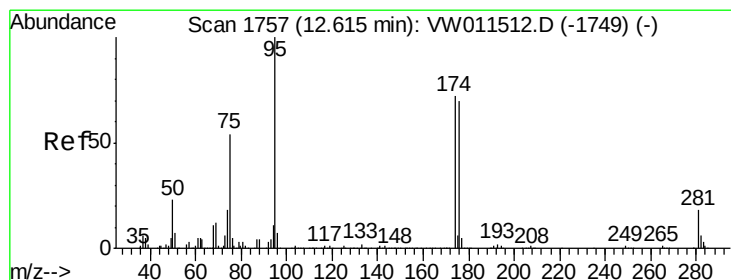
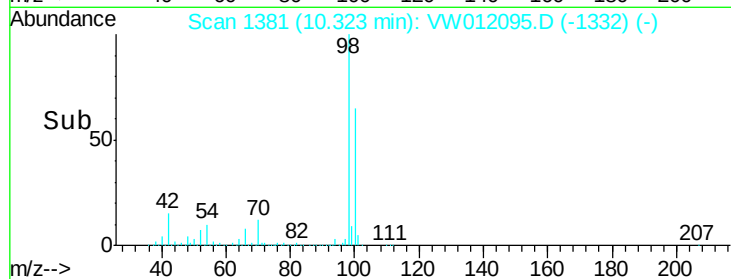
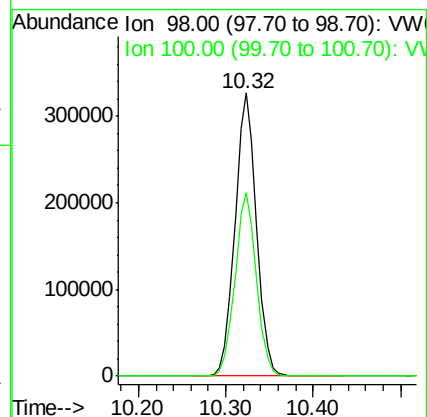
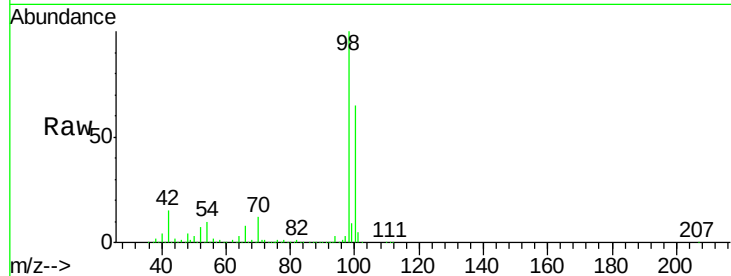
T1-K1-(0)

Tot Ion: 98 Resp: 556998

Ion Ratio Lower Upper

98 100

100 64.6 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 45.751 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW012095.D

Acq: 22 Aug 2019 02:21

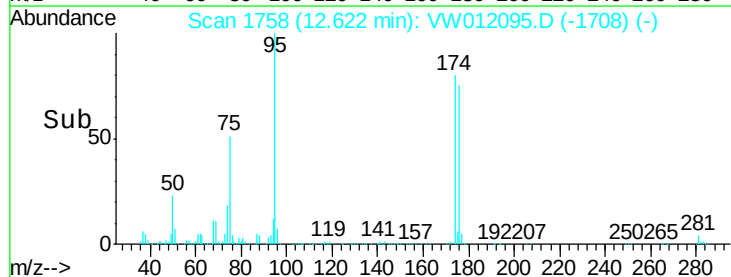
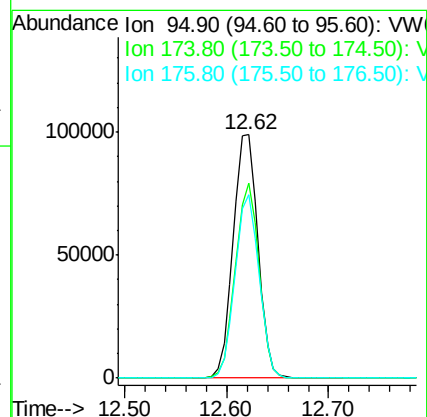
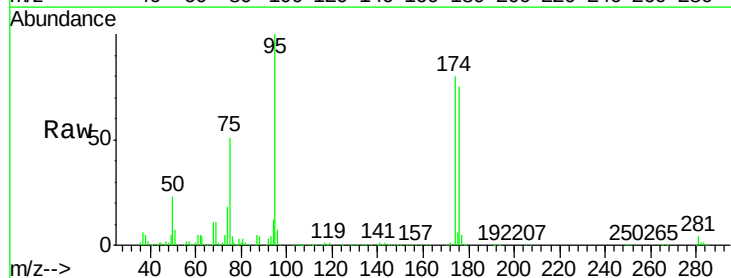
Tgt Ion: 95 Resp: 165718

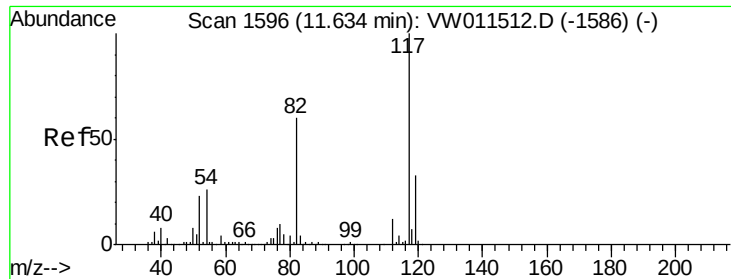
Ion Ratio Lower Upper

95 100

174 76.7 0.0 150.2

176 72.8 0.0 144.4

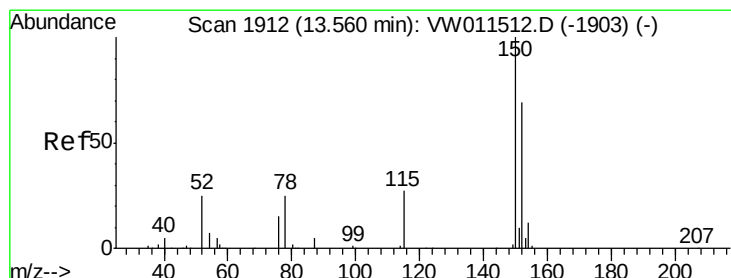
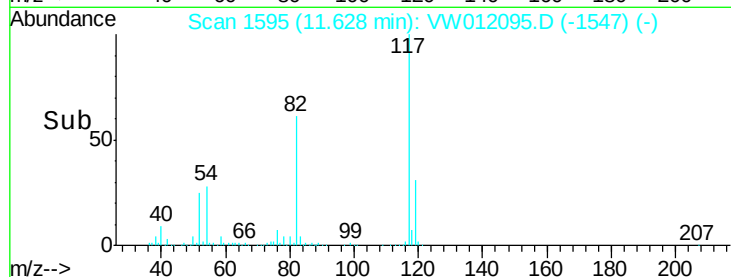
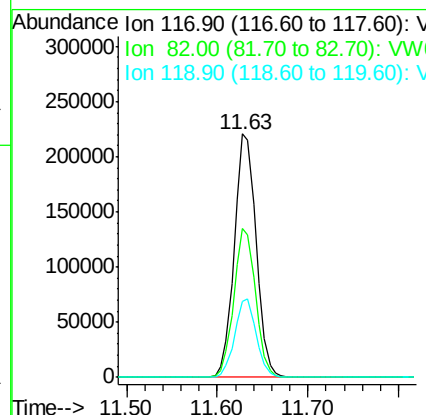
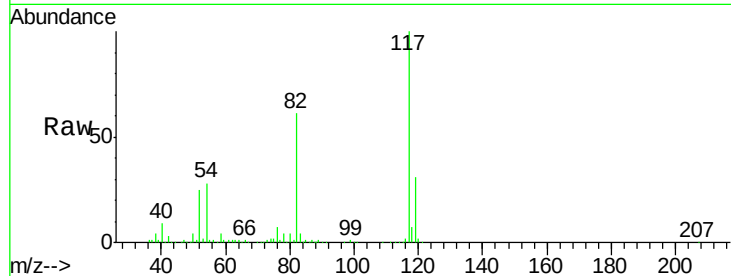




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012095.D
Acq: 22 Aug 2019 02:21

Instrument :
MSVOA_W
ClientSampleId :
T1-K1-(0)

Tot Ion:117 Resp: 373769
Ion Ratio Lower Upper
117 100
82 60.9 47.9 71.9
119 31.3 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012095.D
Acq: 22 Aug 2019 02:21

Tgt Ion:152 Resp: 127188
Ion Ratio Lower Upper
152 100
115 60.3 30.5 91.5
150 157.3 0.0 352.6

