

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041819\
 Data File : VW010044.D
 Acq On : 18 Apr 2019 14:44
 Operator : SY/VA
 Sample : K2411-06
 Misc : 6.02G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-14-S2

Quant Time: Apr 18 15:55:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 02:23:40 2019
 Response via : Initial Calibration

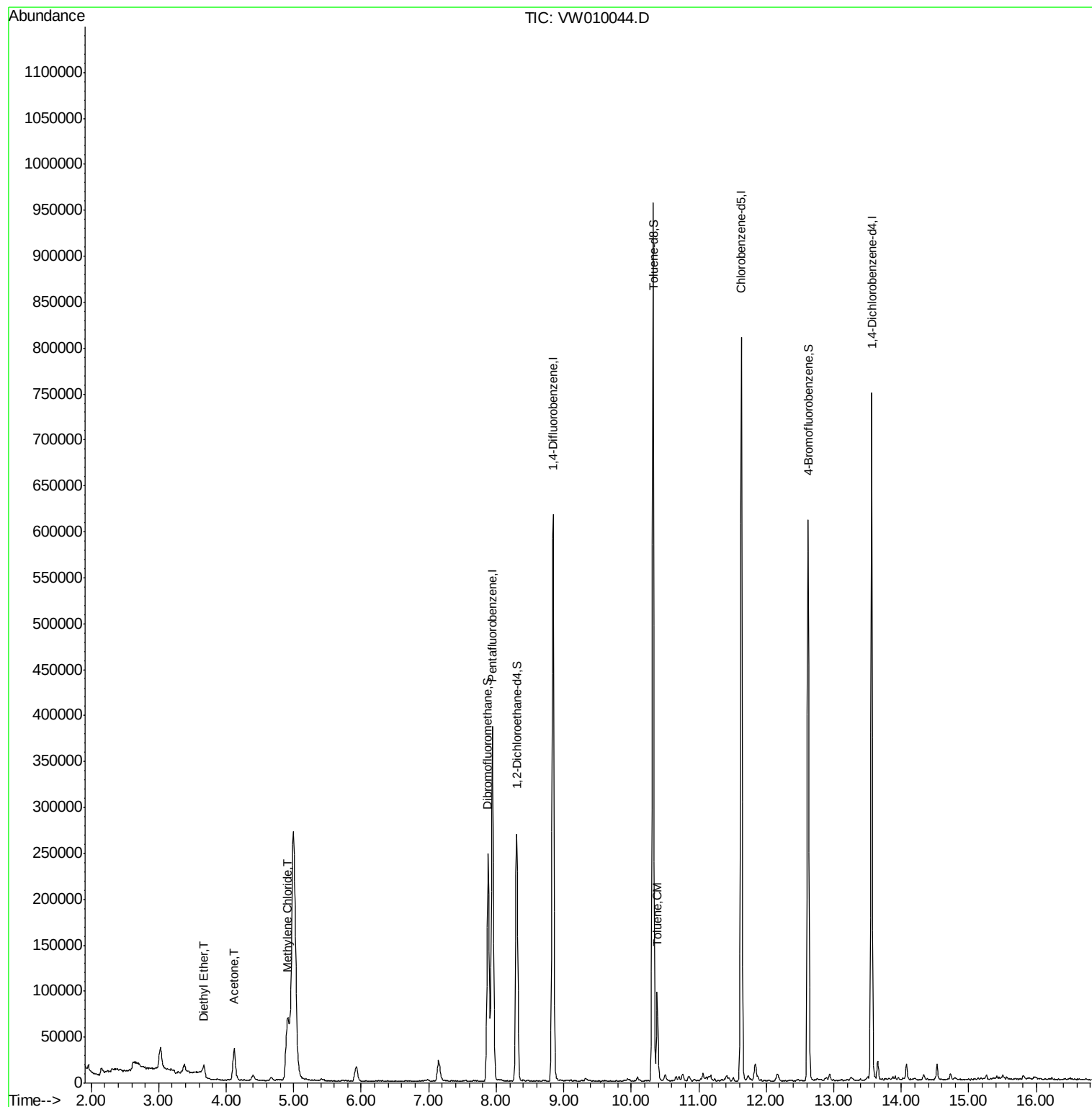
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	261963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	478702	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	422424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	179022	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	217793	67.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	134.74%	
35) Dibromofluoromethane	7.88	113	170274	55.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.90%	
50) Toluene-d8	10.32	98	585665	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
62) 4-Bromofluorobenzene	12.62	95	188435	45.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.92%	
Target Compounds						
8) Diethyl Ether	3.68	74	5545	4.152	ug/l	96
16) Acetone	4.12	43	61834	82.438	ug/l	97
20) Methylene Chloride	4.92	84	68903	21.141	ug/l	98
52) Toluene	10.38	92	38554	4.629	ug/l	97

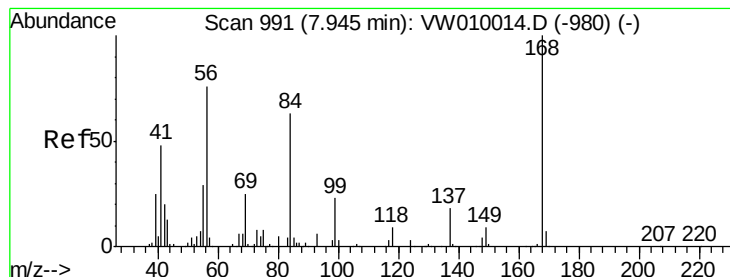
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW010044.D

Acq: 18 Apr 2019 14:44

Instrument :

MSVOA_W

ClientSampleId :

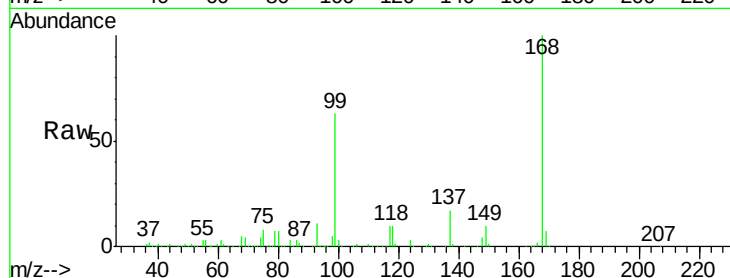
TP-14-S2

Tot Ion:168 Resp: 261963

Ion Ratio Lower Upper

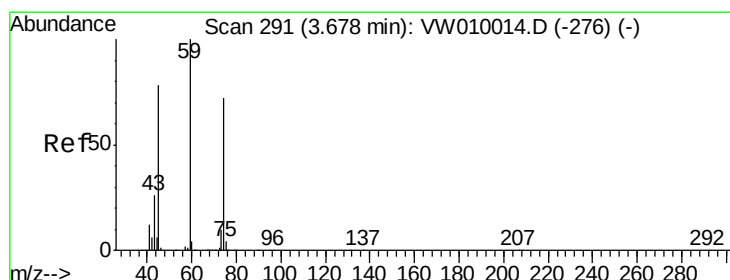
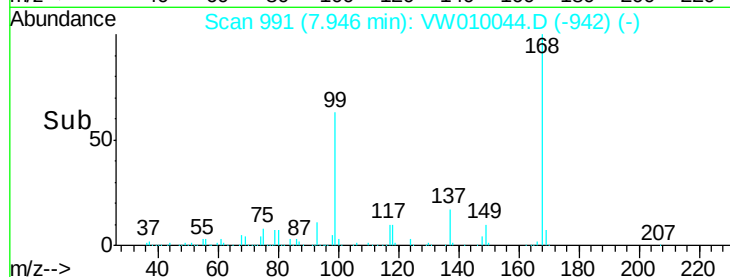
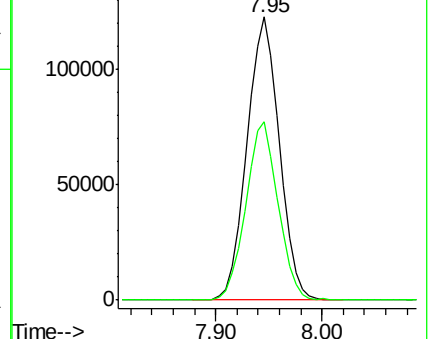
168 100

99 62.9 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 4.152 ug/l

RT: 3.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VW010044.D

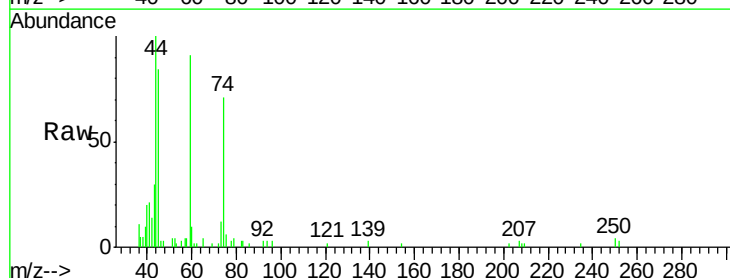
Acq: 18 Apr 2019 14:44

Tgt Ion: 74 Resp: 5545

Ion Ratio Lower Upper

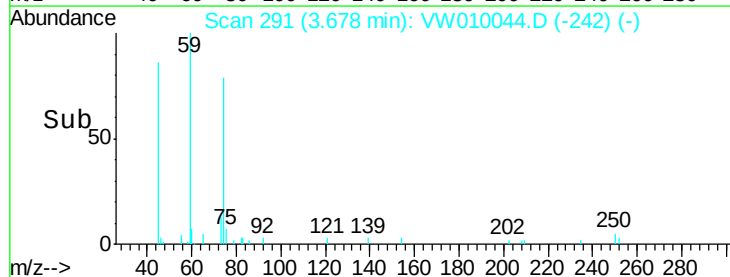
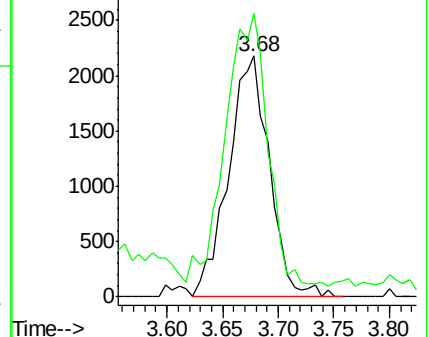
74 100

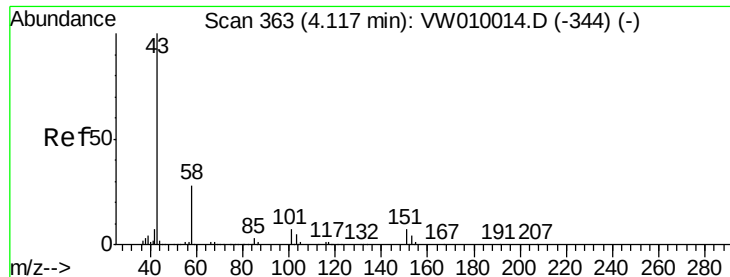
45 116.8 56.0 168.0



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 82.438 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW010044.D

Acq: 18 Apr 2019 14:44

Instrument :

MSVOA_W

ClientSampled :

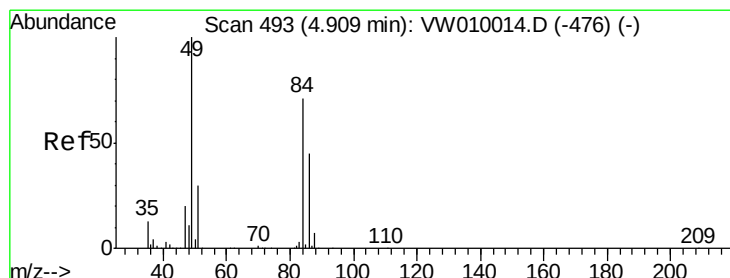
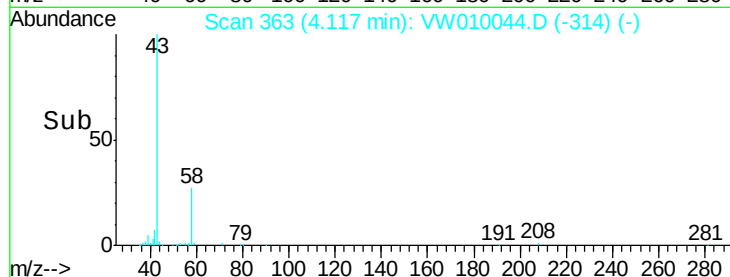
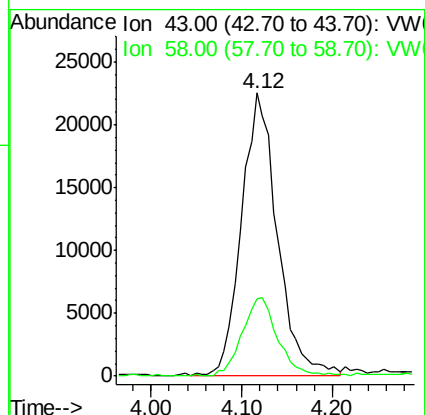
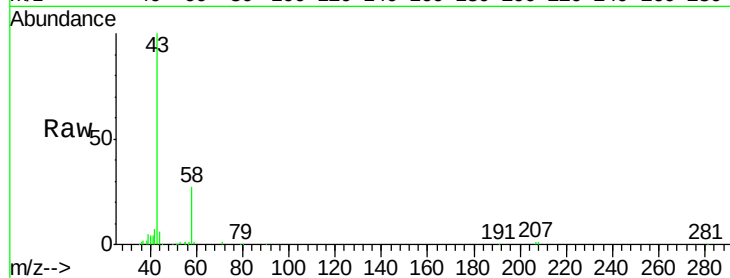
TP-14-S2

Tot Ion: 43 Resp: 61834

Ion Ratio Lower Upper

43 100

58 26.8 22.7 34.1



#20

Methylene Chloride

Concen: 21.141 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW010044.D

Acq: 18 Apr 2019 14:44

Tgt Ion: 84 Resp: 68903

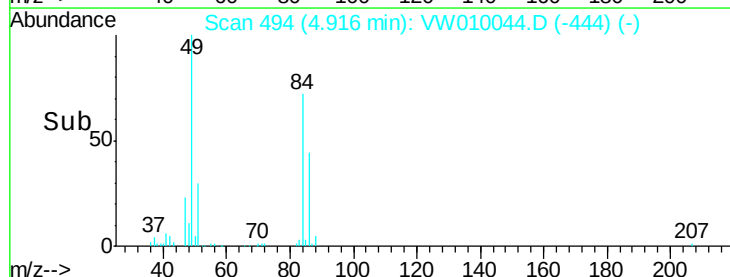
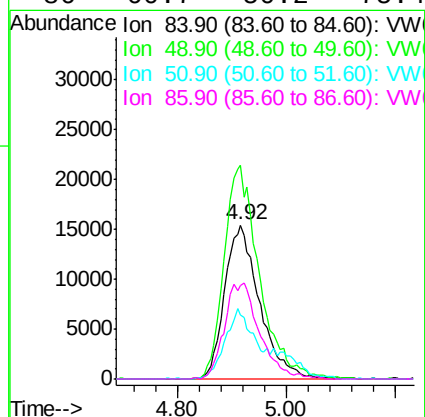
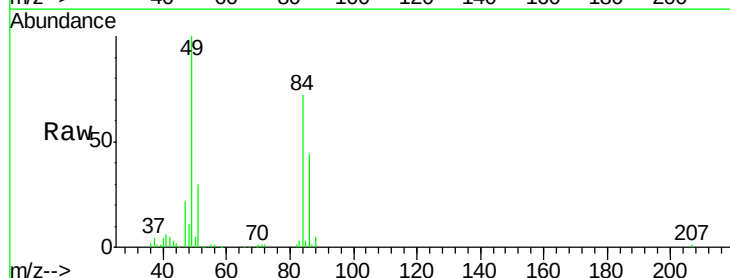
Ion Ratio Lower Upper

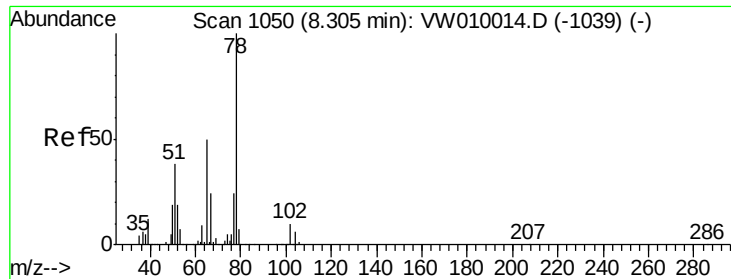
84 100

49 138.9 112.3 168.5

51 41.6 33.9 50.9

86 60.7 50.2 75.4

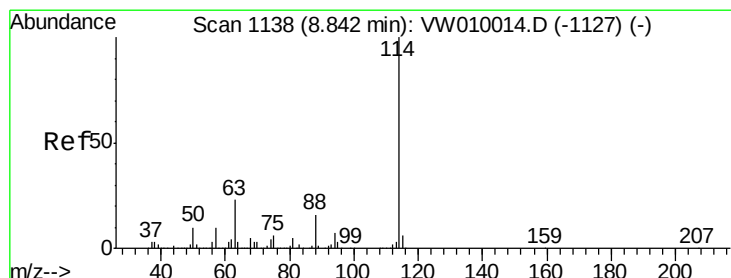
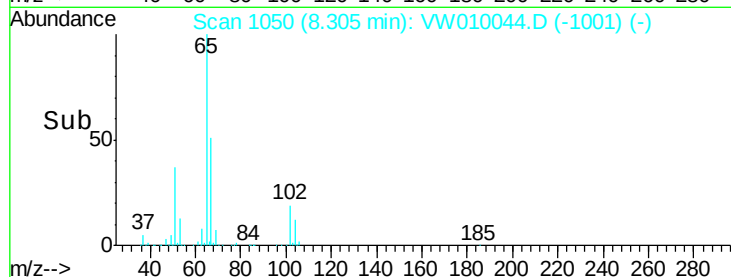
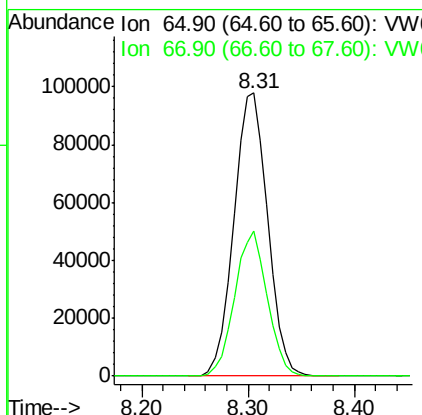
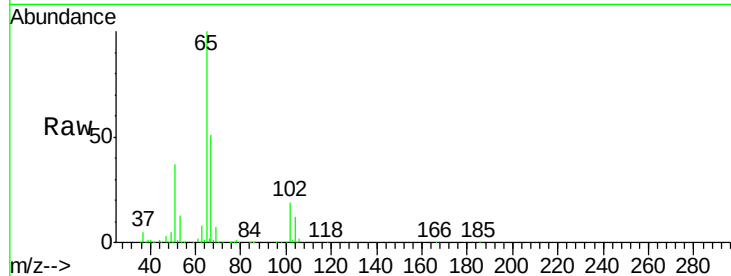




#33
 1,2-Dichloroethane-d4
 Concen: 67.371 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW010044.D
 Acq: 18 Apr 2019 14:44

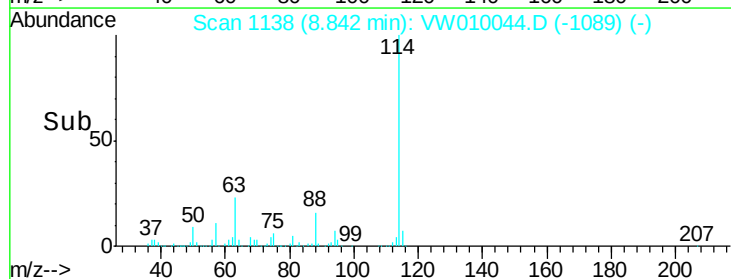
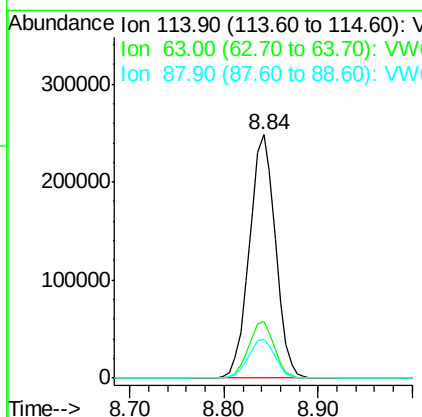
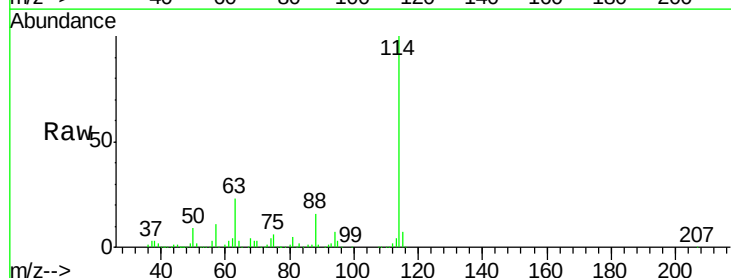
Instrument :
 MSVOA_W
 ClientSampled :
 TP-14-S2

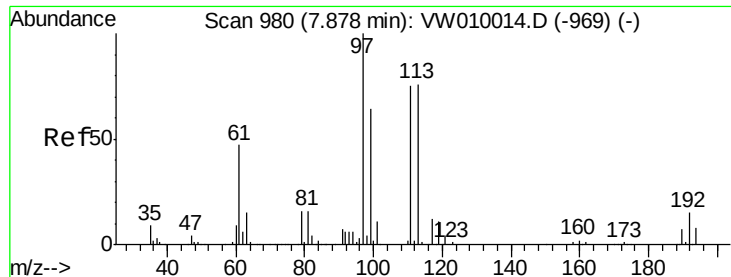
Tot Ion: 65 Resp: 217793
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010044.D
 Acq: 18 Apr 2019 14:44

Tgt Ion: 114 Resp: 478702
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 46.2
 88 16.2 0.0 32.6

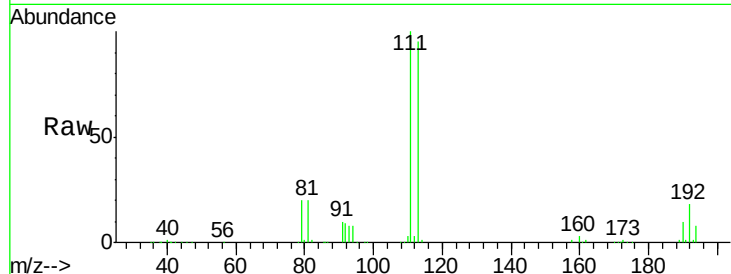




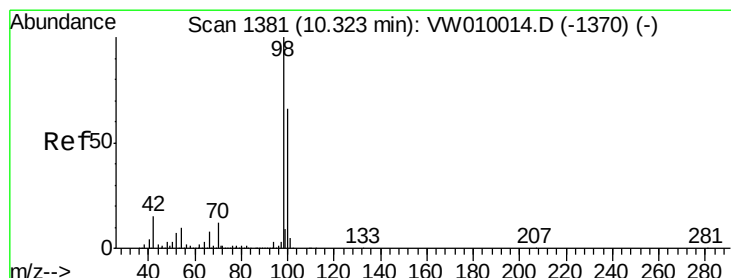
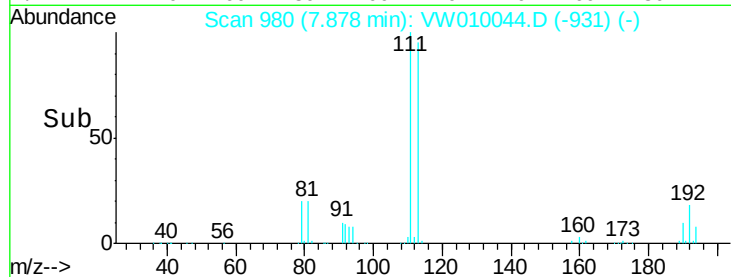
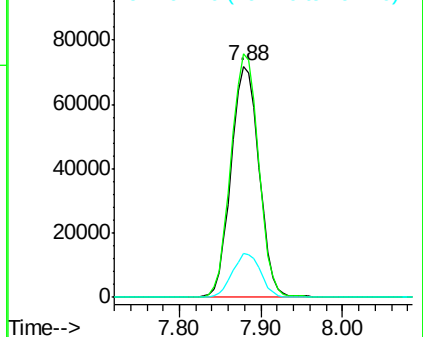
#35
 Dibromofluoromethane
 Concen: 55.948 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW010044.D
 Acq: 18 Apr 2019 14:44

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-14-S2

Tot Ion:113 Resp: 170274
 Ion Ratio Lower Upper
 113 100
 111 104.1 82.6 123.8
 192 19.2 15.4 23.2

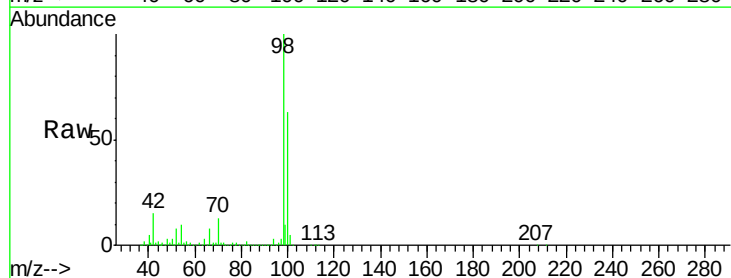


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

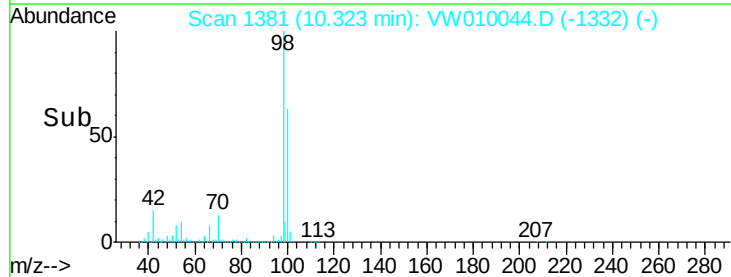
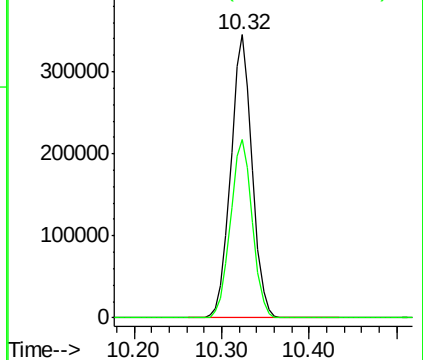


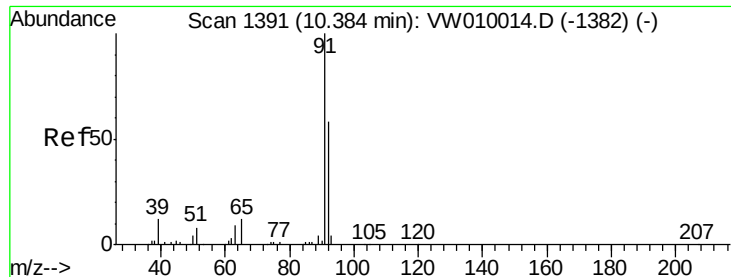
#50
 Toluene-d8
 Concen: 51.355 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW010044.D
 Acq: 18 Apr 2019 14:44

Tgt Ion: 98 Resp: 585665
 Ion Ratio Lower Upper
 98 100
 100 64.4 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 4.629 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW010044.D

Acq: 18 Apr 2019 14:44

Instrument :

MSVOA_W

ClientSampled :

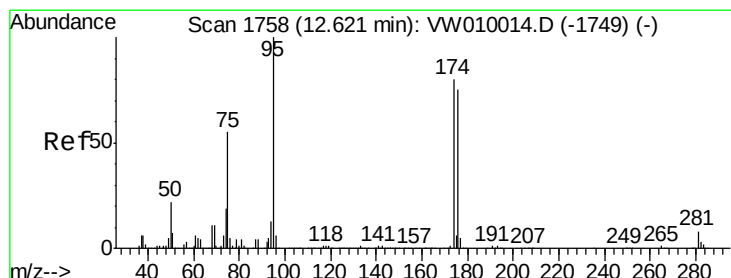
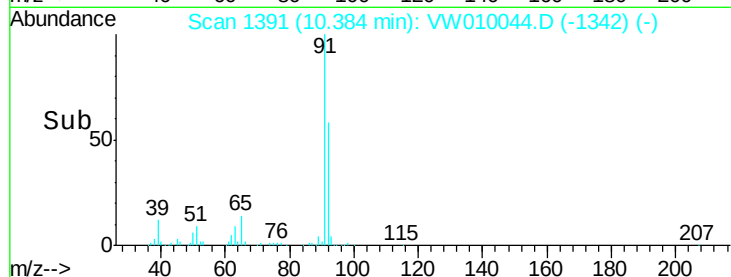
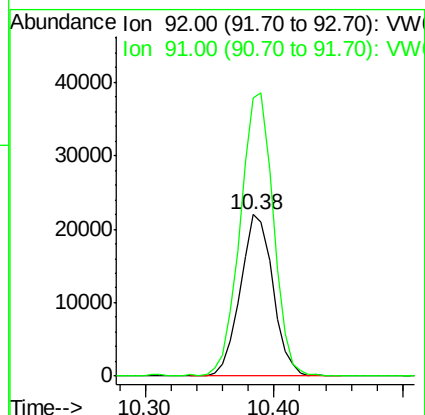
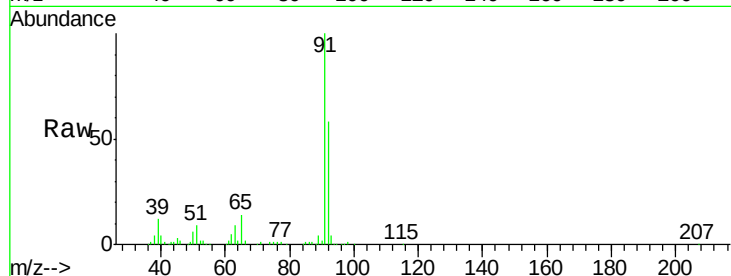
TP-14-S2

Tot Ion: 92 Resp: 38554

Ion Ratio Lower Upper

92 100

91 177.6 138.5 207.7



#62

4-Bromofluorobenzene

Concen: 45.456 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010044.D

Acq: 18 Apr 2019 14:44

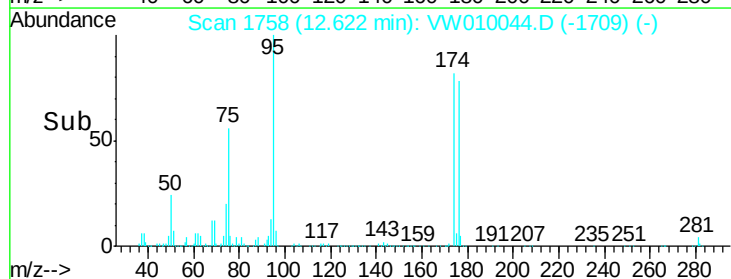
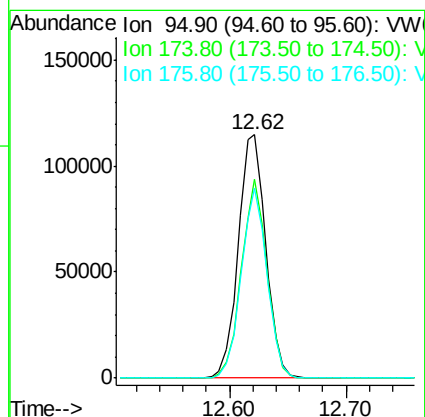
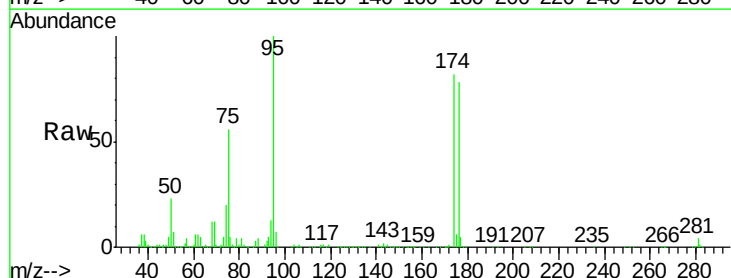
Tgt Ion: 95 Resp: 188435

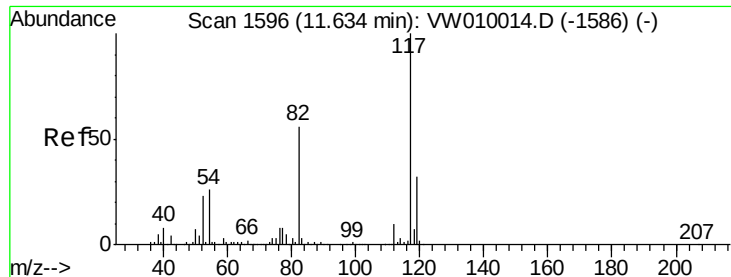
Ion Ratio Lower Upper

95 100

174 76.0 0.0 151.4

176 73.2 0.0 146.2

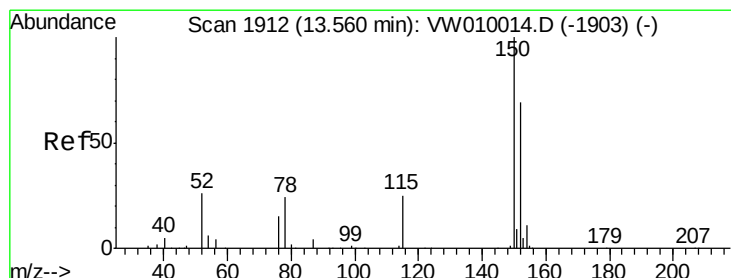
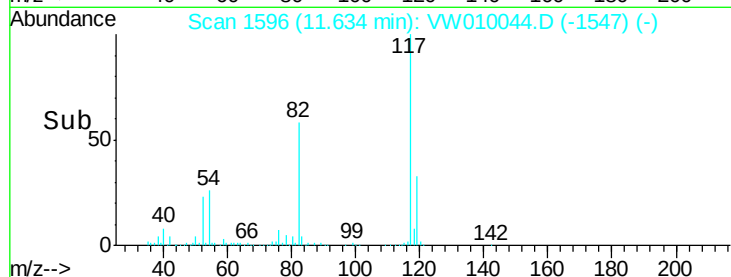
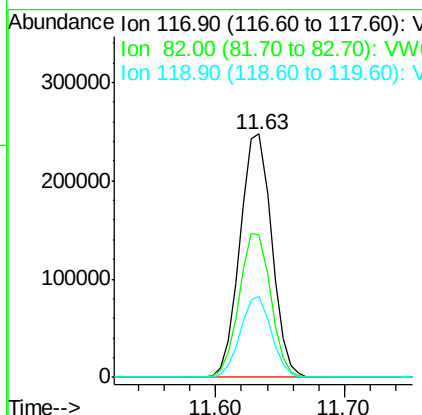
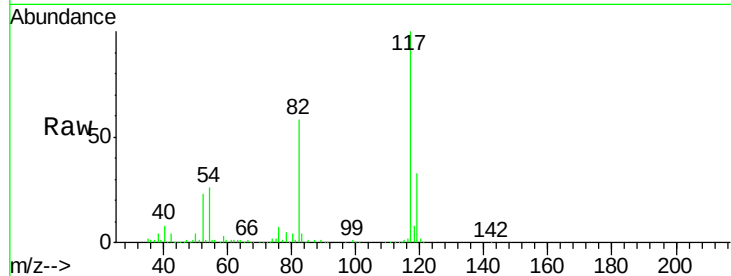




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010044.D
Acq: 18 Apr 2019 14:44

Instrument :
MSVOA_W
ClientSampleId :
TP-14-S2

Tot Ion:117 Resp: 422424
Ion Ratio Lower Upper
117 100
82 58.4 45.2 67.8
119 33.5 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: VW010044.D
Acq: 18 Apr 2019 14:44

Tgt Ion:152 Resp: 179022
Ion Ratio Lower Upper
152 100
115 59.3 30.4 91.2
150 154.8 0.0 347.0

