

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW053119\
 Data File : VW010640.D
 Acq On : 31 May 2019 16:51
 Operator : SY/VA
 Sample : K3097-17
 Misc : 5.03G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 0437-HR-17(HACKENSACK)

Quant Time: Jun 01 05:38:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	156123	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	276938	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	247796	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	111990	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	89379	55.46	ug/l	0.00
Spiked Amount			Recovery	=	110.92%	
35) Dibromofluoromethane	7.88	113	82367	49.02	ug/l	0.00
Spiked Amount			Recovery	=	98.04%	
50) Toluene-d8	10.32	98	337693	52.60	ug/l	0.00
Spiked Amount			Recovery	=	105.20%	
62) 4-Bromofluorobenzene	12.62	95	127136	49.72	ug/l	0.00
Spiked Amount			Recovery	=	99.44%	

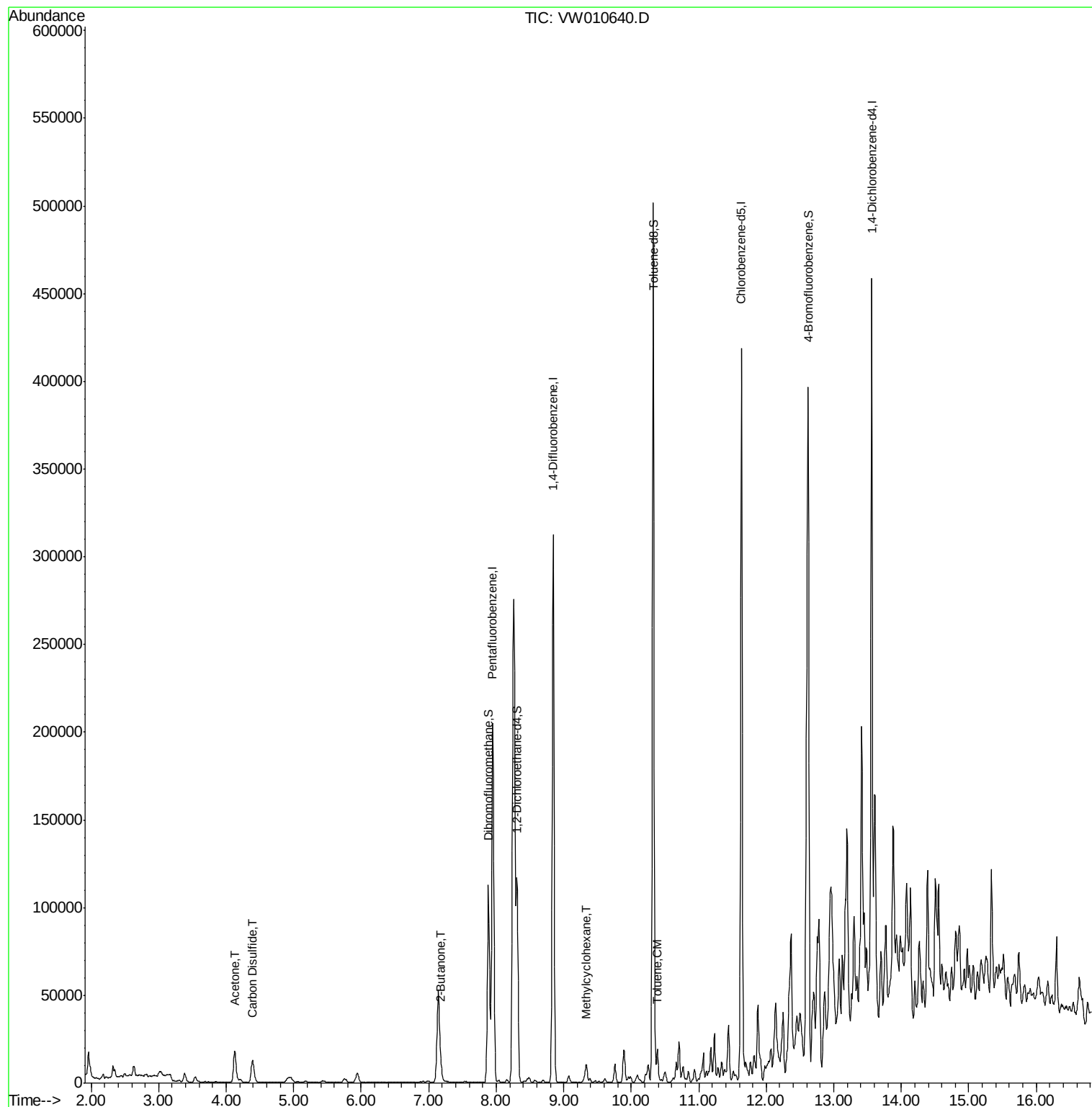
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	32343	98.327	ug/l	97
17) Carbon Disulfide	4.38	76	7036	1.430	ug/l	96
25) 2-Butanone	7.18	43	11920	25.322	ug/l	90
39) Methylcyclohexane	9.34	83	4055	1.173	ug/l	93
52) Toluene	10.39	92	7882	1.637	ug/l	97

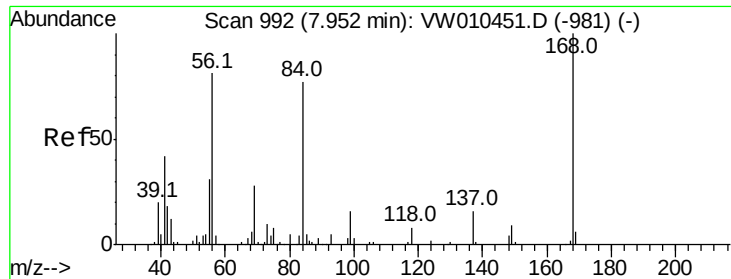
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010640.D

Acq: 31 May 2019 16:51

Instrument :

MSVOA_W

ClientSampleId :

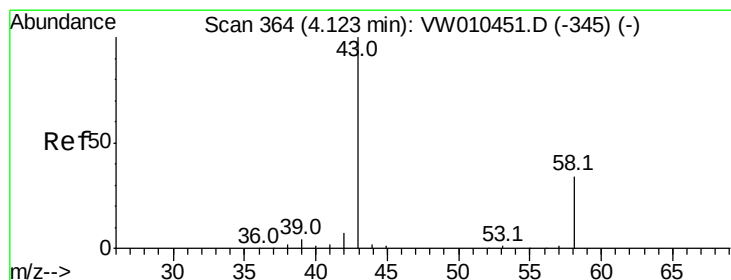
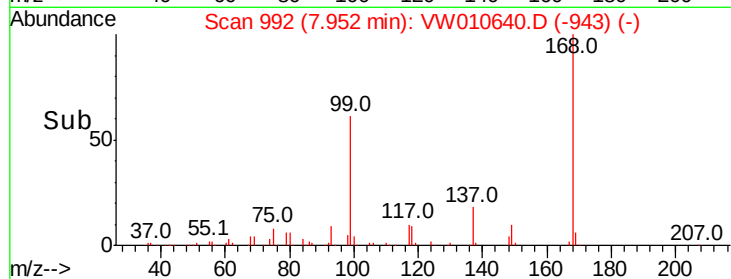
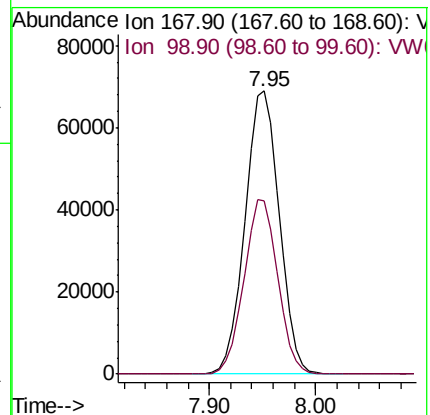
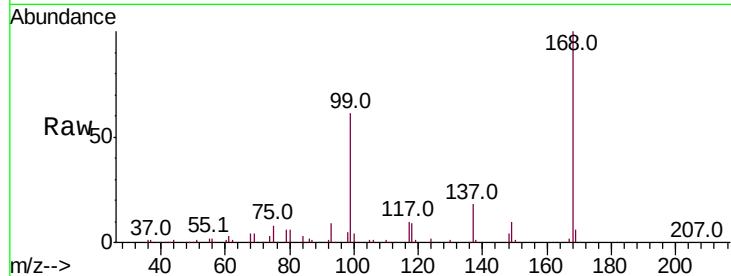
0437-HR-17(HACKENSACK)

Tot Ion:168 Resp: 156123

Ion Ratio Lower Upper

168 100

99 61.1 46.1 69.1



#16

Acetone

Concen: 98.327 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010640.D

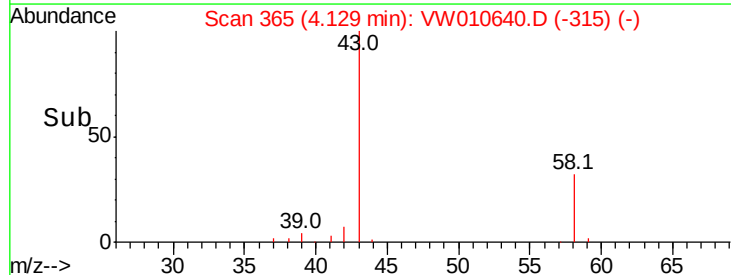
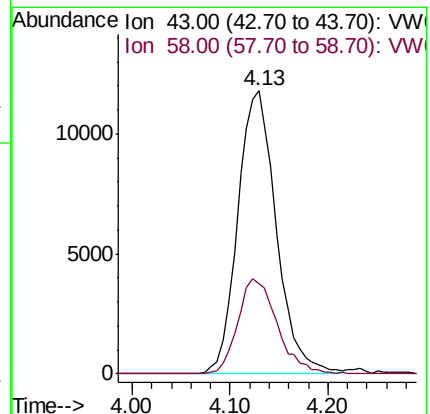
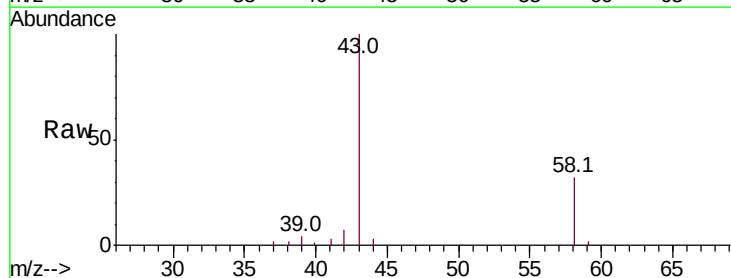
Acq: 31 May 2019 16:51

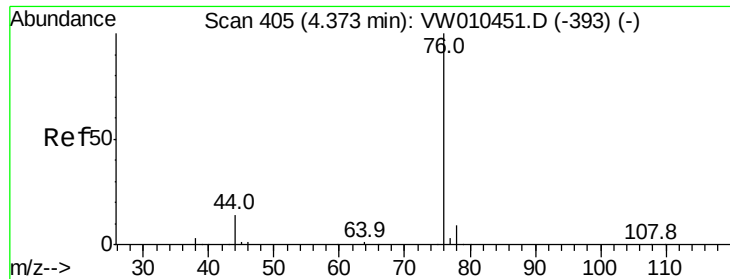
Tgt Ion: 43 Resp: 32343

Ion Ratio Lower Upper

43 100

58 31.8 27.0 40.4

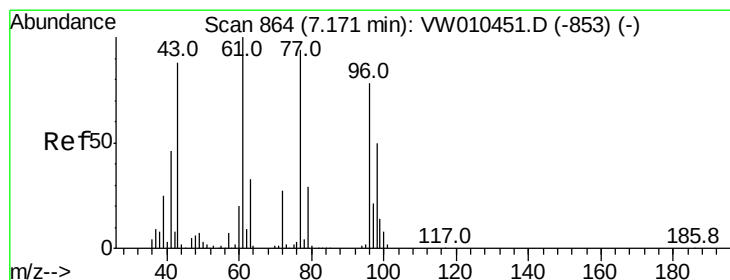
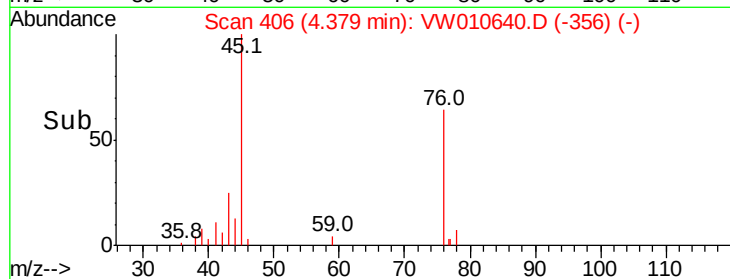
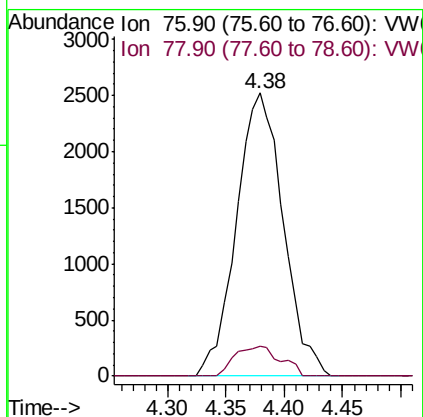
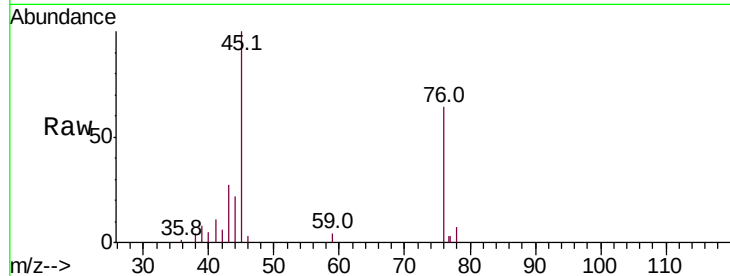




#17
Carbon Disulfide
Concen: 1.430 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW010640.D
Acq: 31 May 2019 16:51

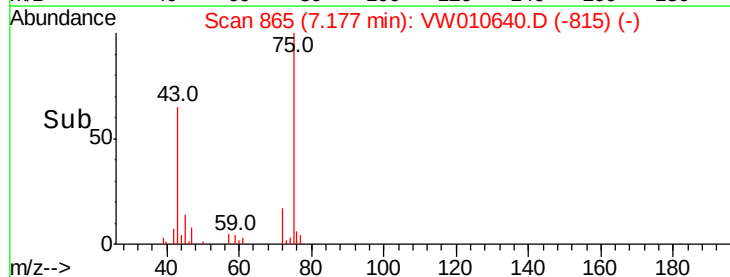
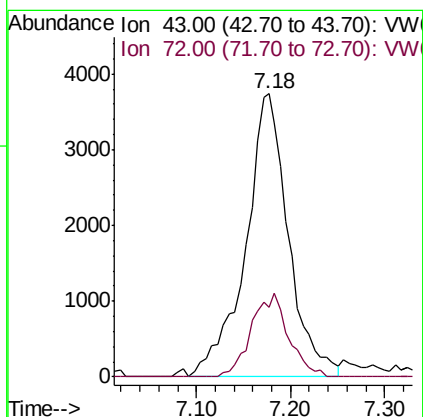
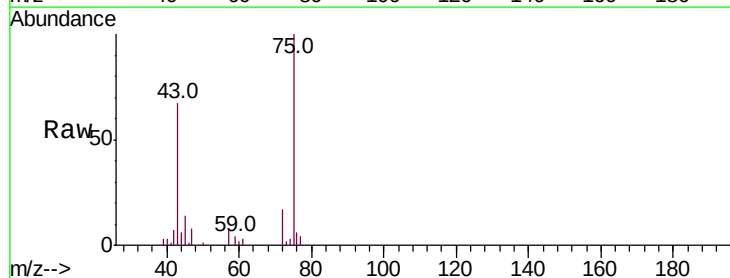
Instrument :
MSVOA_W
ClientSampleId :
0437-HR-17(HACKENSACK)

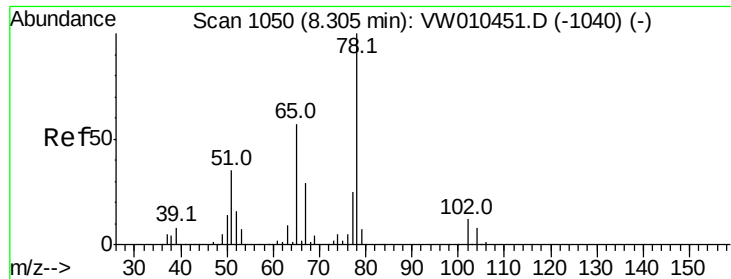
Tot Ion: 76 Resp: 7036
Ion Ratio Lower Upper
76 100
78 10.5 7.1 10.7



#25
2-Butanone
Concen: 25.322 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW010640.D
Acq: 31 May 2019 16:51

Tgt Ion: 43 Resp: 11920
Ion Ratio Lower Upper
43 100
72 24.8 24.1 36.1

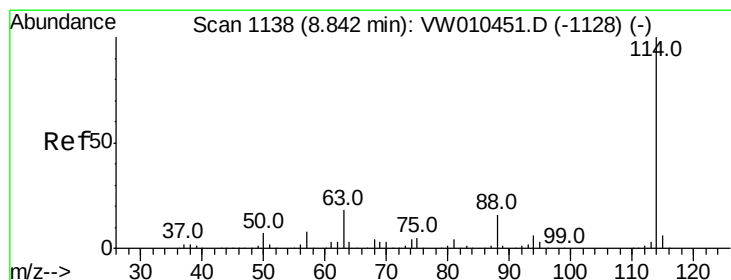
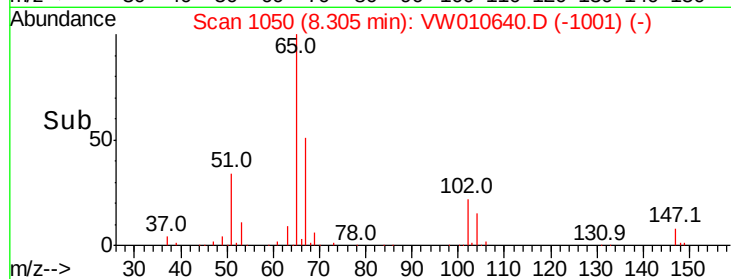
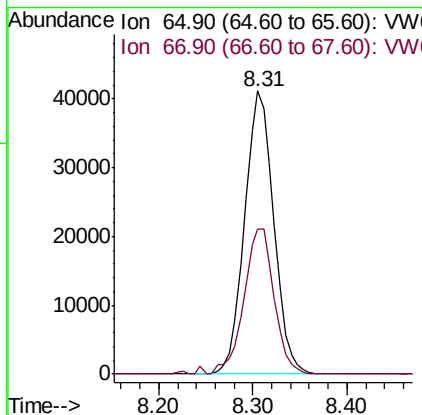
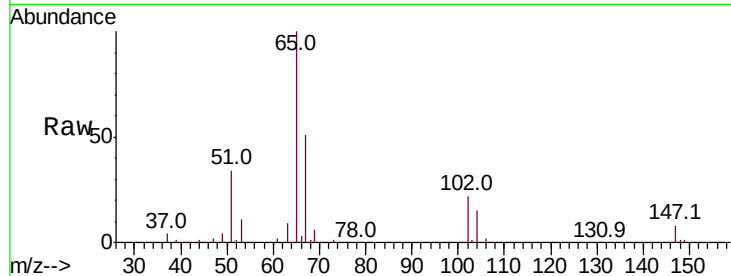




#33
 1,2-Dichloroethane-d4
 Concen: 55.465 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010640.D
 Acq: 31 May 2019 16:51

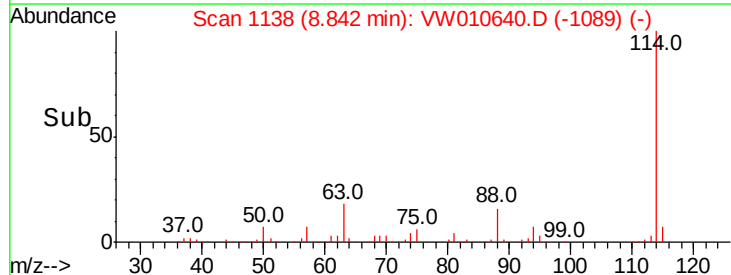
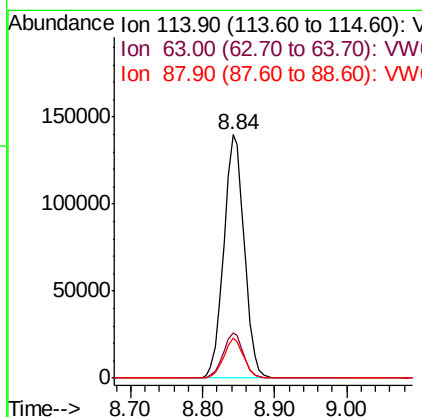
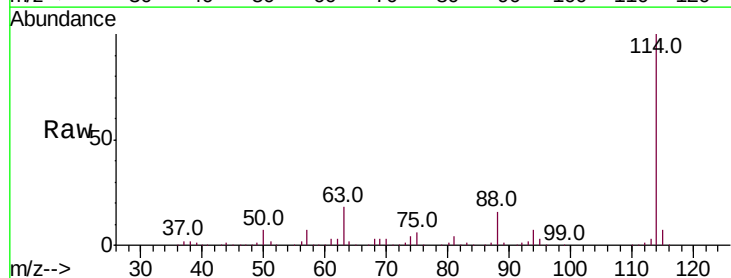
Instrument :
 MSVOA_W
 ClientSampleId :
 0437-HR-17(HACKENSACK)

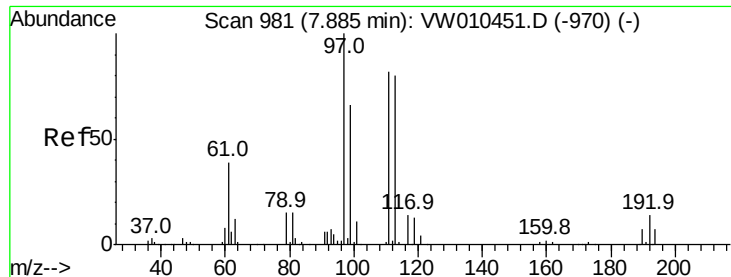
Tot Ion: 65 Resp: 89379
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010640.D
 Acq: 31 May 2019 16:51

Tgt Ion: 114 Resp: 276938
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.0
 88 16.3 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.016 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010640.D

Acq: 31 May 2019 16:51

Instrument :

MSVOA_W

ClientSampleId :

0437-HR-17(HACKENSACK)

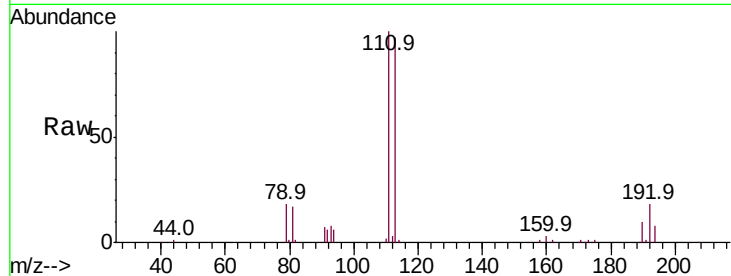
Tot Ion:113 Resp: 82367

Ion Ratio Lower Upper

113 100

111 104.7 82.2 123.4

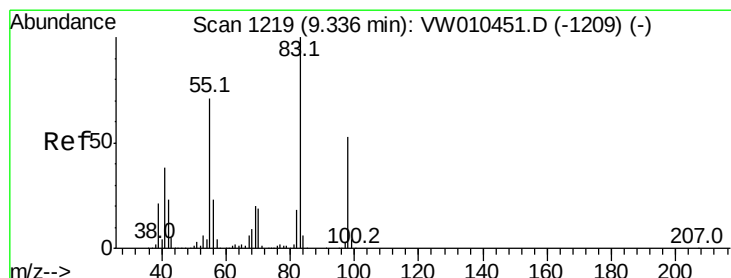
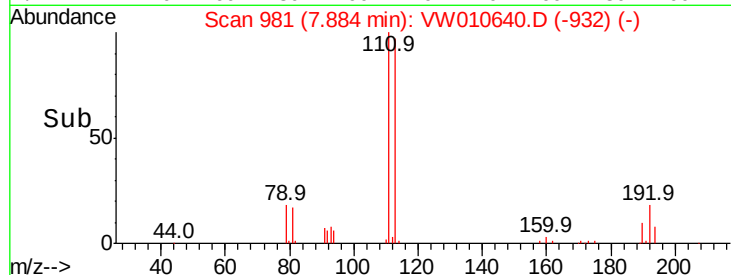
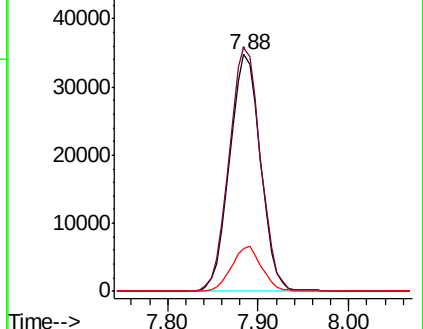
192 18.4 14.3 21.5



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



#39

Methylcyclohexane

Concen: 1.173 ug/l

RT: 9.34 min Scan# 1220

Delta R.T. 0.01 min

Lab File: VW010640.D

Acq: 31 May 2019 16:51

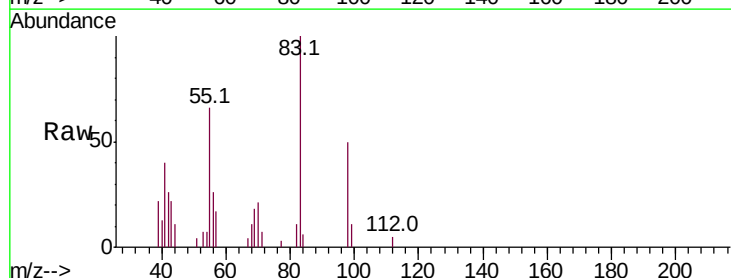
Tgt Ion: 83 Resp: 4055

Ion Ratio Lower Upper

83 100

55 62.8 57.0 85.6

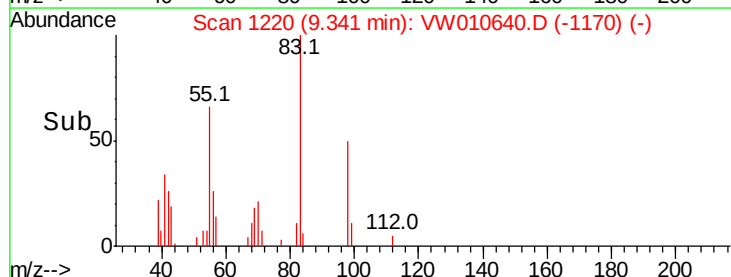
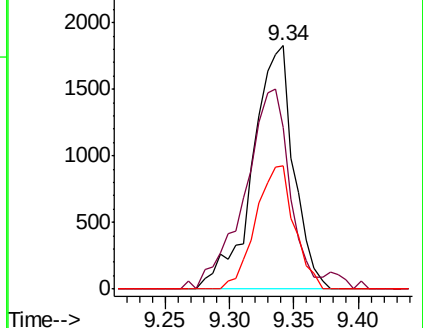
98 50.4 42.0 63.0

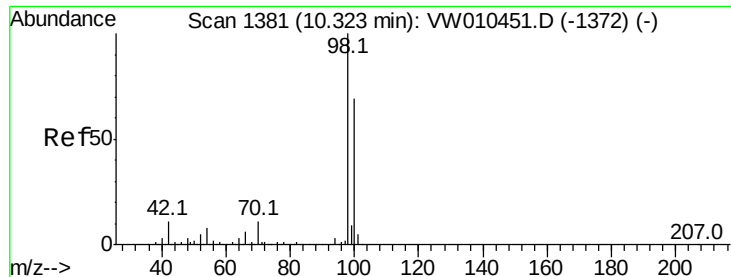


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#50

Toluene-d8

Concen: 52.604 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010640.D

Acq: 31 May 2019 16:51

Instrument :

MSVOA_W

ClientSampleId :

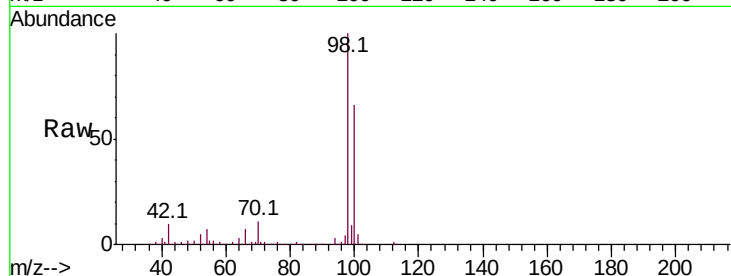
0437-HR-17(HACKENSACK)

Tot Ion: 98 Resp: 337693

Ion Ratio Lower Upper

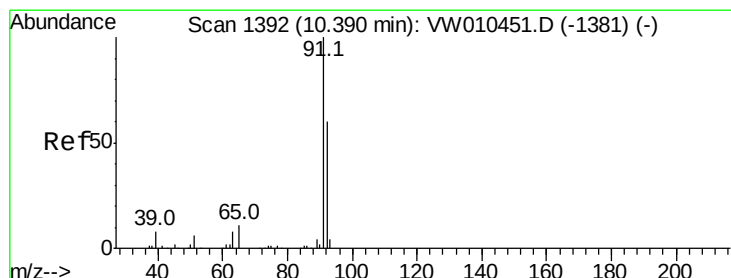
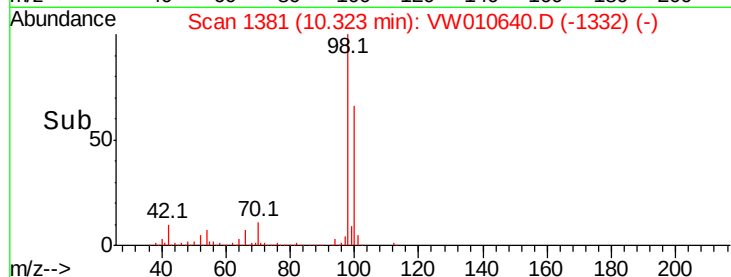
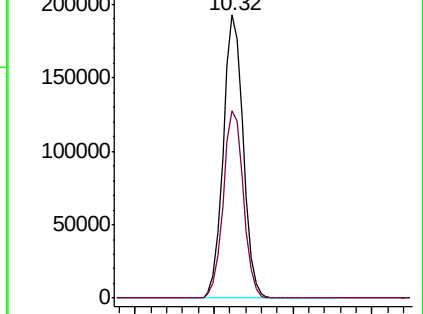
98 100

100 66.8 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#52

Toluene

Concen: 1.637 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010640.D

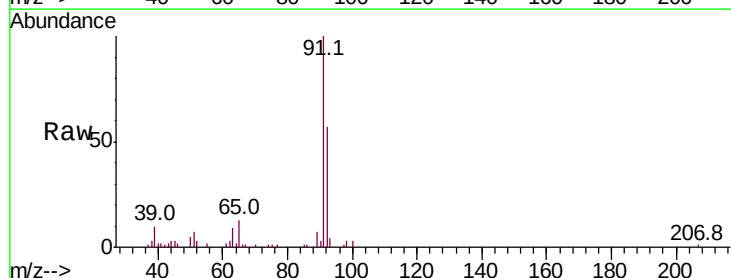
Acq: 31 May 2019 16:51

Tgt Ion: 92 Resp: 7882

Ion Ratio Lower Upper

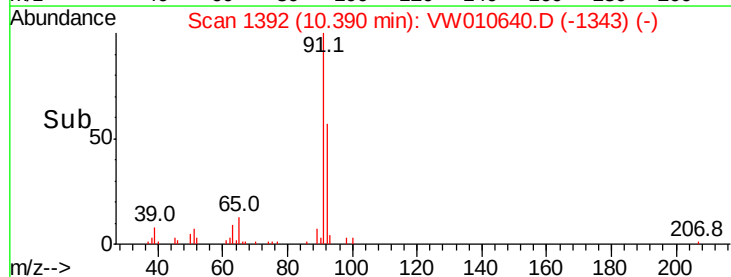
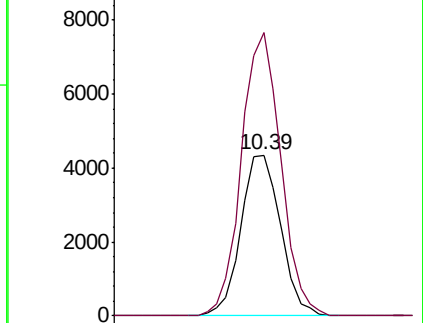
92 100

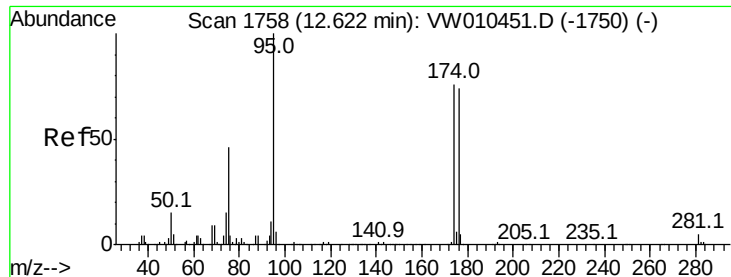
91 173.7 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

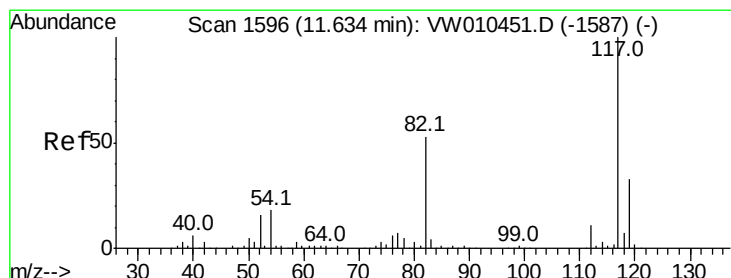
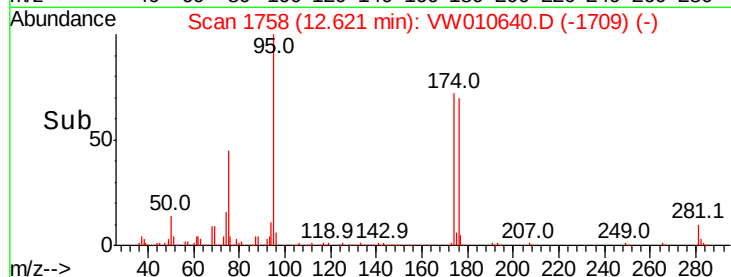
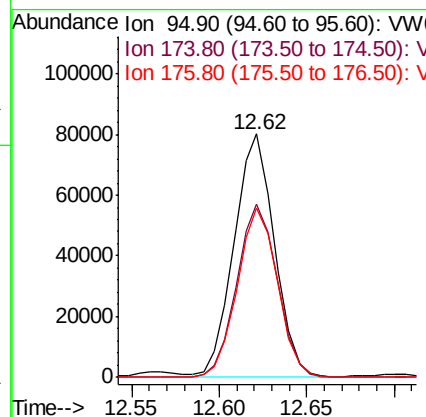
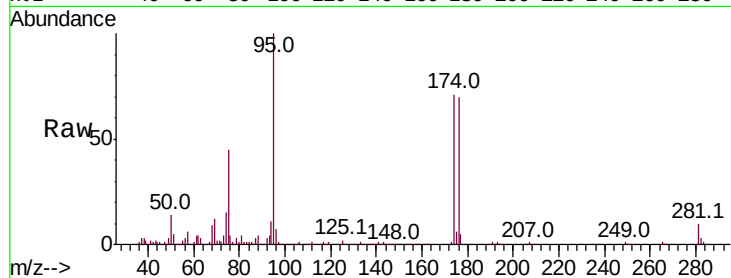




#62
4-Bromofluorobenzene
Concen: 49.721 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010640.D
Acq: 31 May 2019 16:51

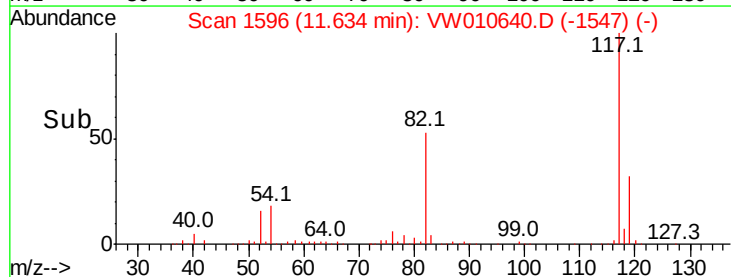
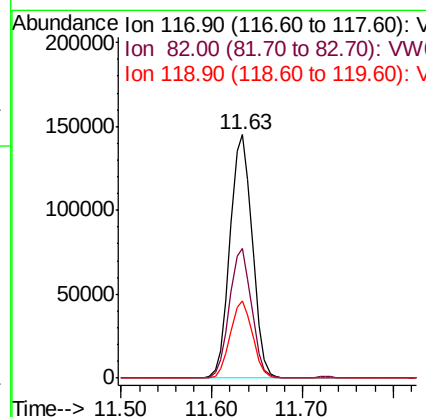
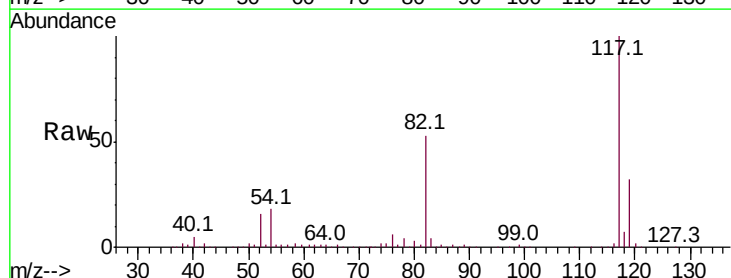
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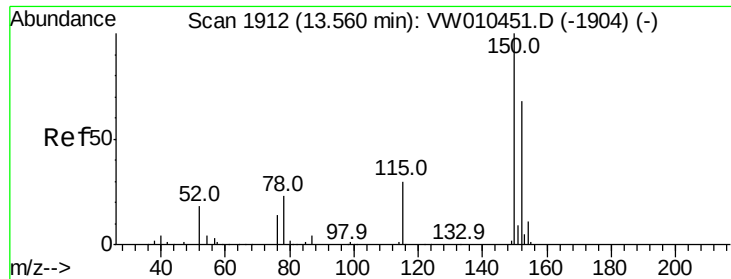
Tot Ion	Ratio	Lower	Upper
95	100		
174	72.3	0.0	148.6
176	69.9	0.0	144.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010640.D
Acq: 31 May 2019 16:51

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.8	64.2
119	31.7	26.3	39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010640.D

Acq: 31 May 2019 16:51

Instrument :

MSVOA_W

ClientSampleId :

0437-HR-17(HACKENSACK)

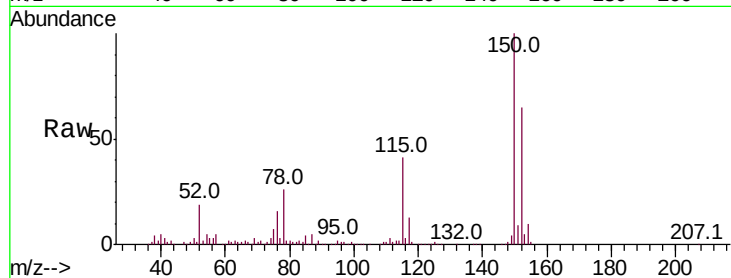
Tot Ion:152 Resp: 111990

Ion Ratio Lower Upper

152 100

115 61.0 30.3 91.0

150 154.7 0.0 349.8



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

