

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061919\
 Data File : VW010864.D
 Acq On : 19 Jun 2019 21:20
 Operator : SY/VA
 Sample : K3441-01
 Misc : 5.96G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SAMPLE-3

Quant Time: Jun 20 07:00:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	174162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	299315	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	247181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	94484	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	121088	58.99	ug/l	0.00
Spiked Amount			Recovery	=	117.98%	
35) Dibromofluoromethane	7.88	113	82004	50.48	ug/l	0.00
Spiked Amount			Recovery	=	100.96%	
50) Toluene-d8	10.32	98	326466	45.83	ug/l	0.00
Spiked Amount			Recovery	=	91.66%	
62) 4-Bromofluorobenzene	12.62	95	107187	41.35	ug/l	0.00
Spiked Amount			Recovery	=	82.70%	

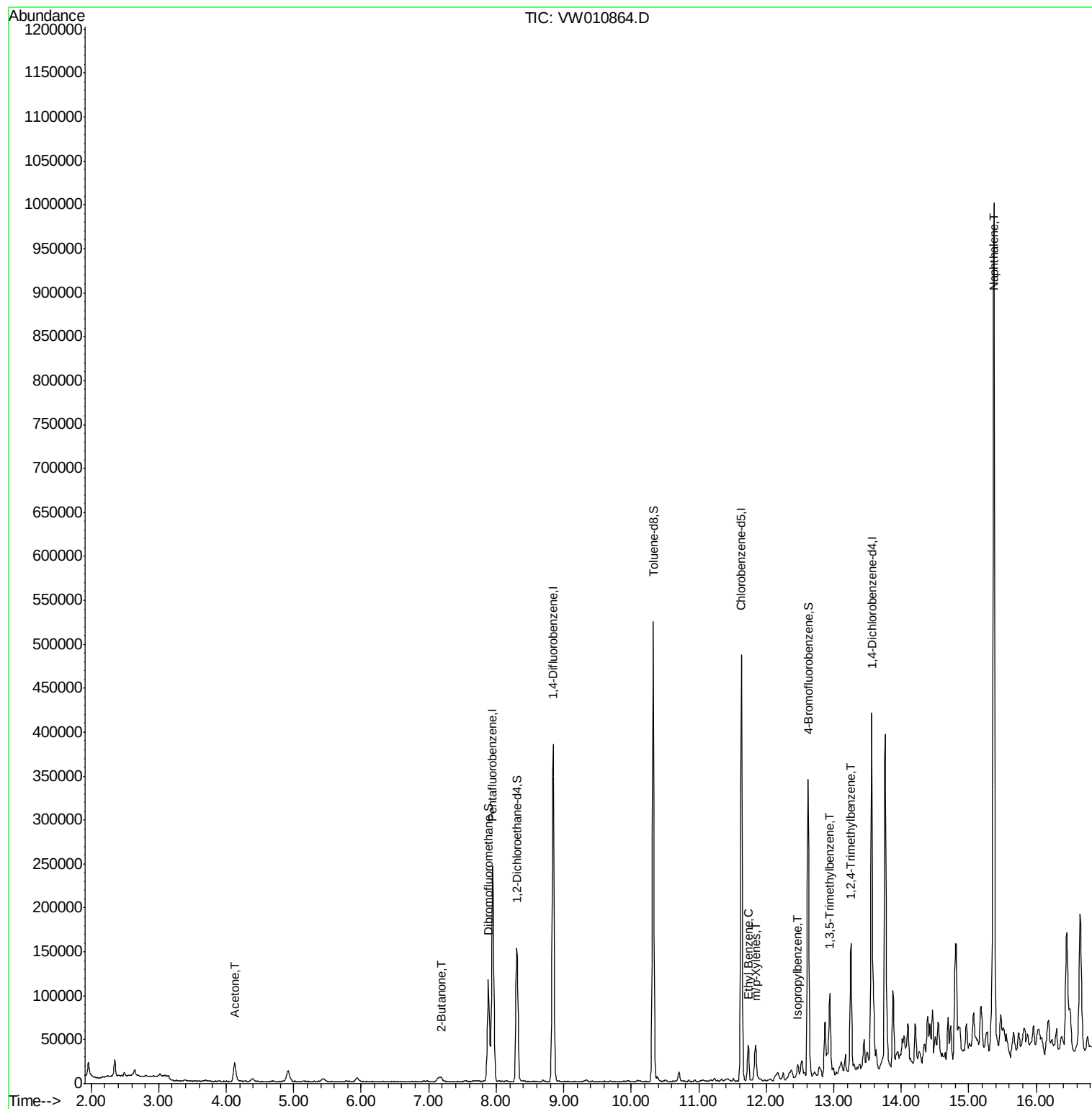
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	38507	70.007	ug/l	96
25) 2-Butanone	7.18	43	8106	10.628	ug/l	99
67) Ethyl Benzene	11.73	91	27378	2.931	ug/l	99
68) m/p-Xylenes	11.84	106	9560	2.859	ug/l	95
73) Isopropylbenzene	12.46	105	7236	1.019	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	29845	5.135	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	75807	12.963	ug/l	99
95) Naphthalene	15.37	128	777767	226.955	ug/l	99

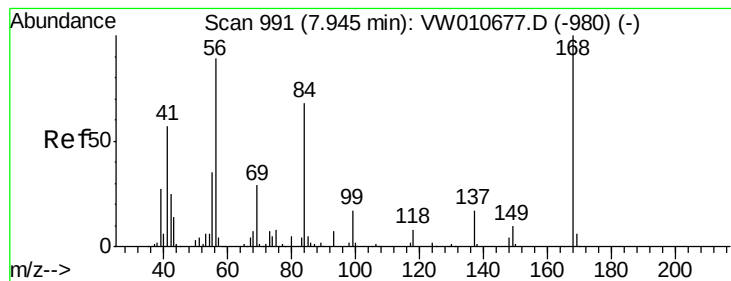
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061919\
Data File : VW010864.D
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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Quant Time: Jun 20 07:00:35 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010864.D

Acq: 19 Jun 2019 21:20

Instrument :

MSVOA_W

ClientSampleId :

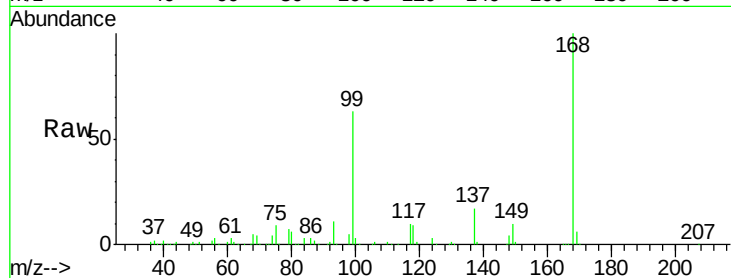
SAMPLE-3

Tot Ion:168 Resp: 174162

Ion Ratio Lower Upper

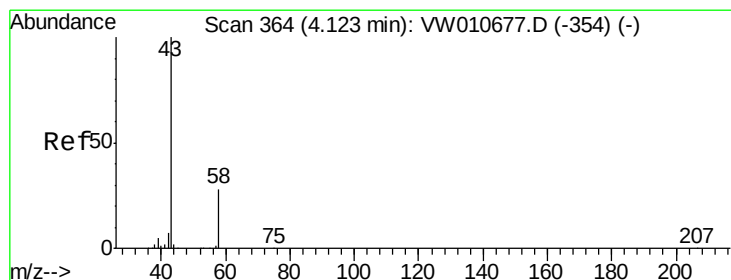
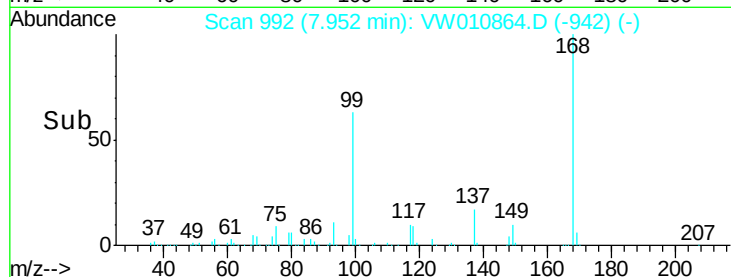
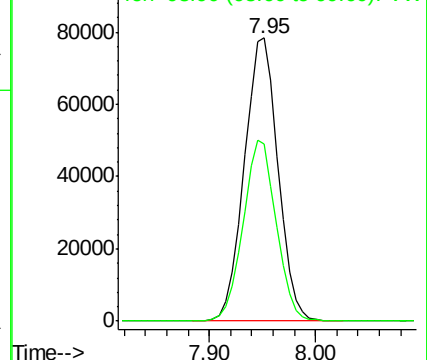
168 100

99 62.7 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 70.007 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010864.D

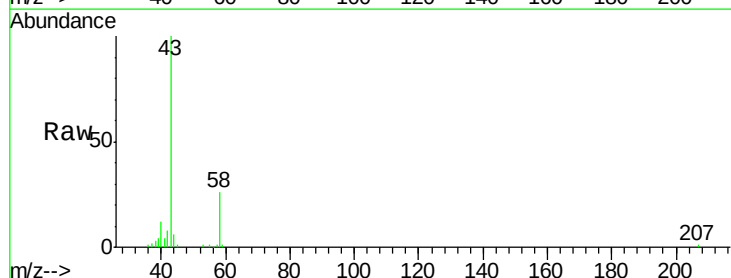
Acq: 19 Jun 2019 21:20

Tgt Ion: 43 Resp: 38507

Ion Ratio Lower Upper

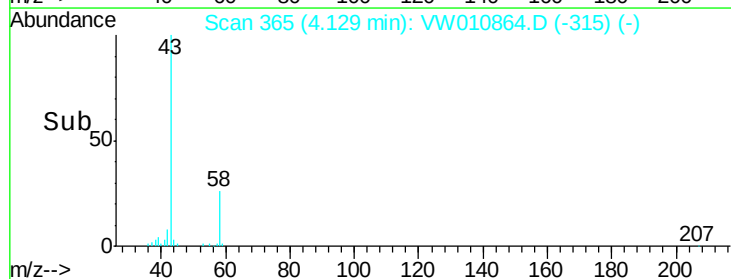
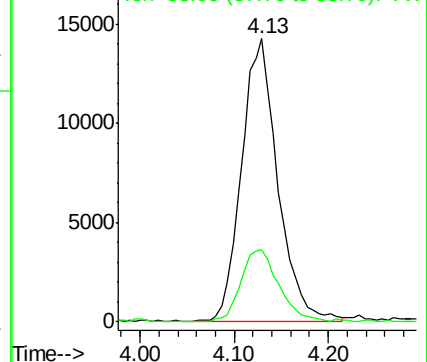
43 100

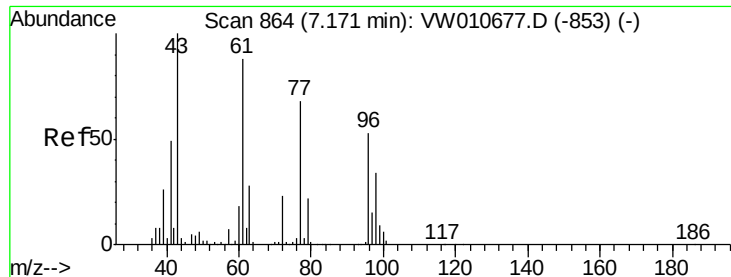
58 25.7 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#25

2-Butanone

Concen: 10.628 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW010864.D

Acq: 19 Jun 2019 21:20

Instrument :

MSVOA_W

ClientSampleId :

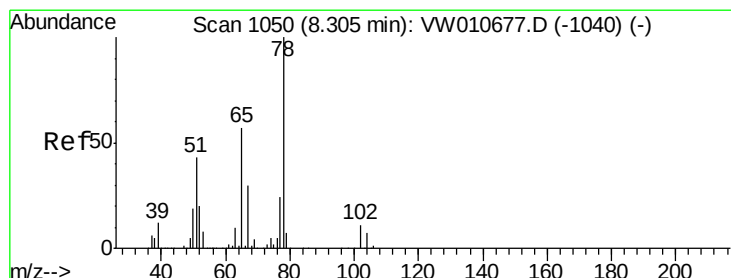
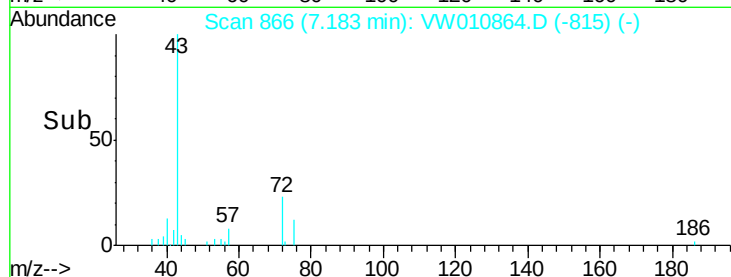
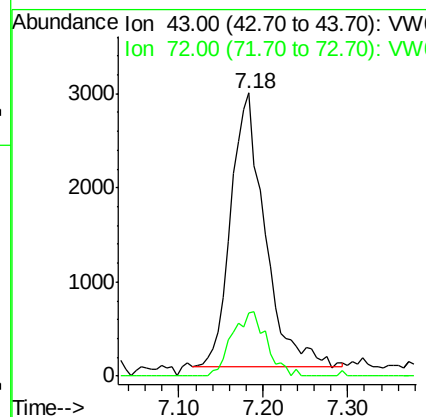
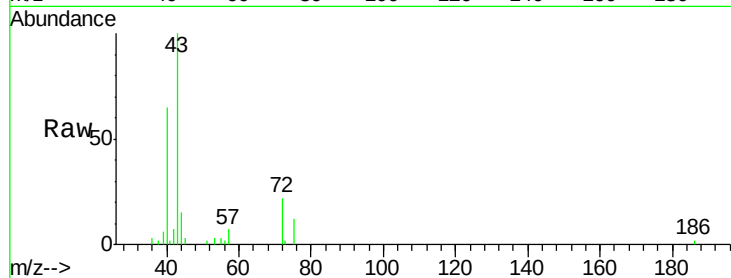
SAMPLE-3

Tot Ion: 43 Resp: 8106

Ion Ratio Lower Upper

43 100

72 23.2 18.1 27.1



#33

1,2-Dichloroethane-d4

Concen: 58.987 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW010864.D

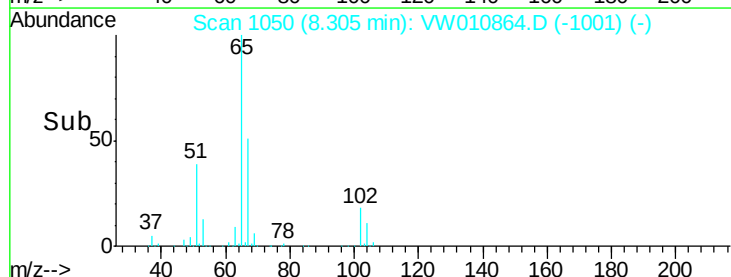
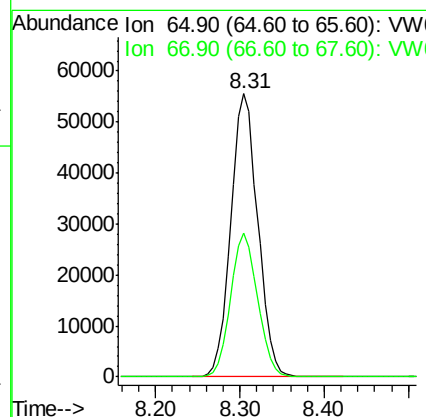
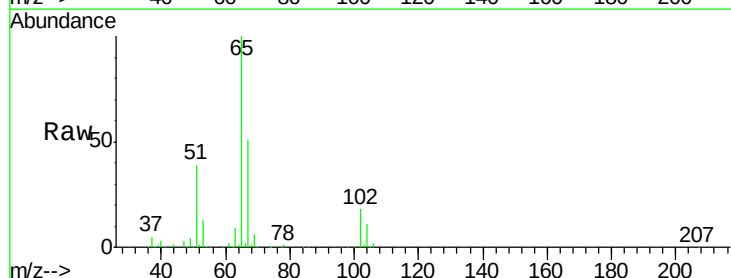
Acq: 19 Jun 2019 21:20

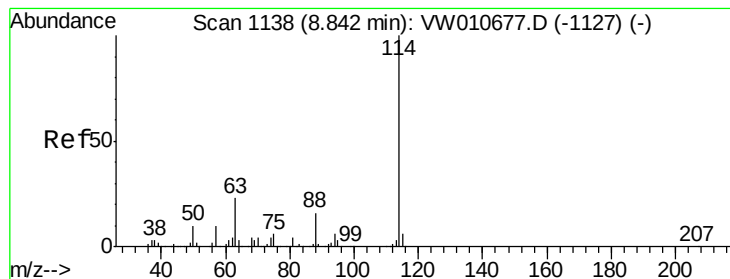
Tgt Ion: 65 Resp: 121088

Ion Ratio Lower Upper

65 100

67 50.8 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW010864.D

Acq: 19 Jun 2019 21:20

Instrument :

MSVOA_W

ClientSampleId :

SAMPLE-3

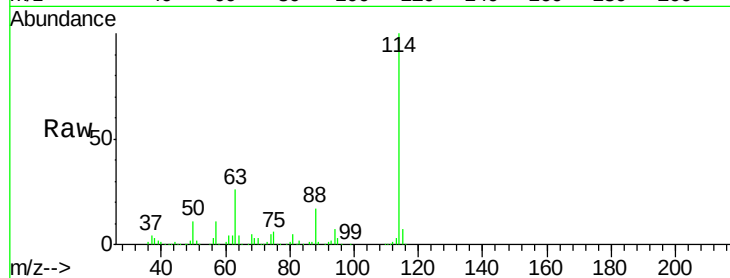
Tot Ion:114 Resp: 299315

Ion Ratio Lower Upper

114 100

63 25.6 0.0 46.4

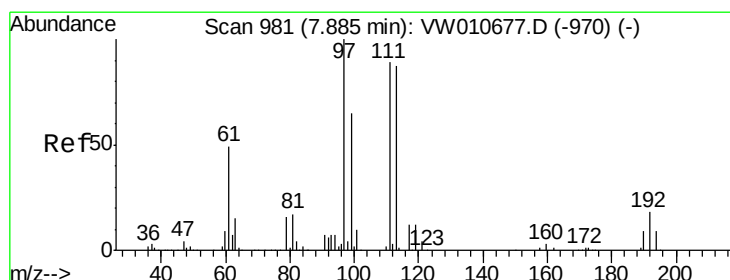
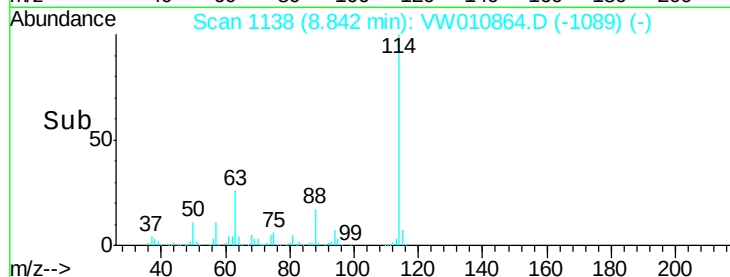
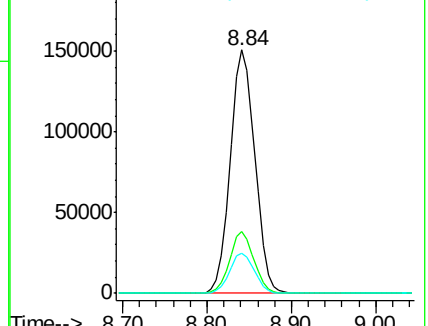
88 16.6 0.0 32.2



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: 50.476 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW010864.D

Acq: 19 Jun 2019 21:20

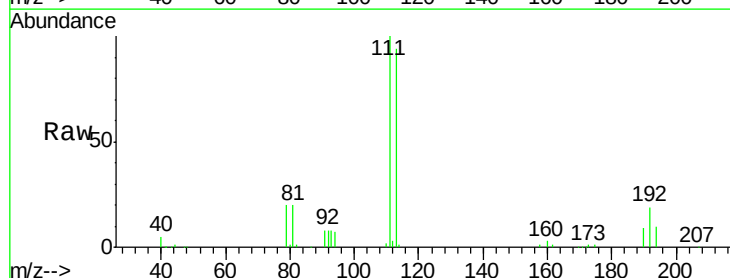
Tgt Ion:113 Resp: 82004

Ion Ratio Lower Upper

113 100

111 102.0 82.6 123.8

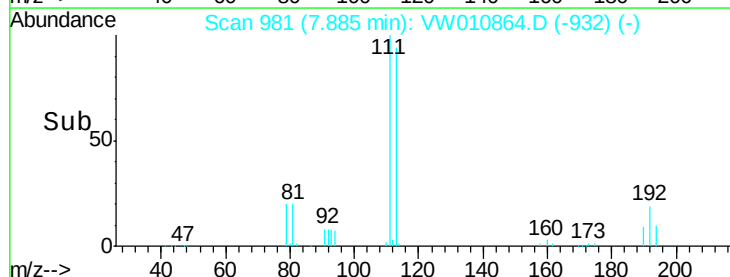
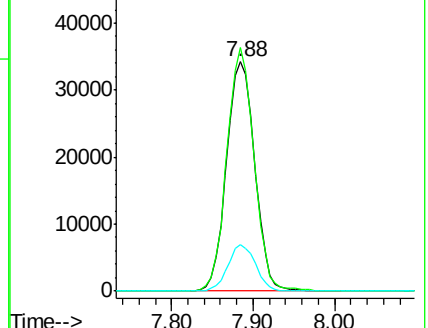
192 19.7 16.4 24.6

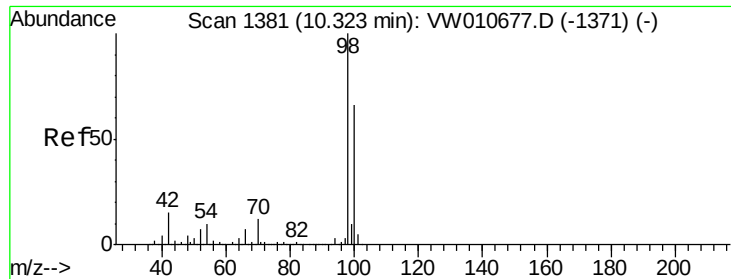


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 45.825 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010864.D

Acq: 19 Jun 2019 21:20

Instrument :

MSVOA_W

ClientSampleId :

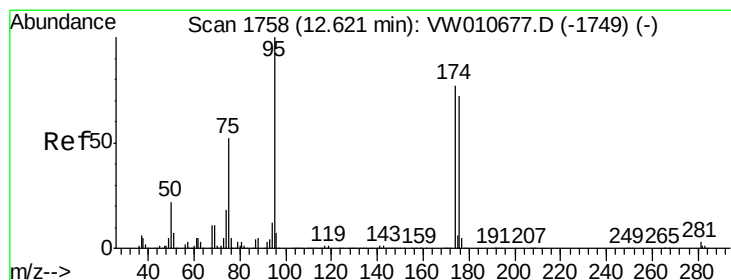
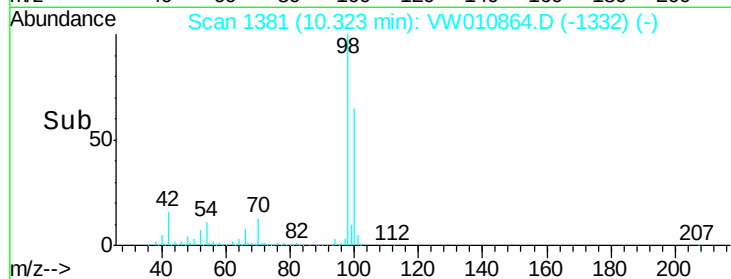
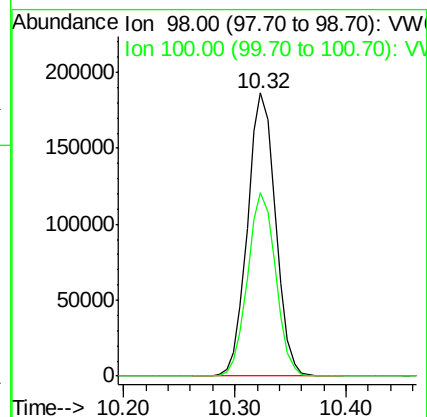
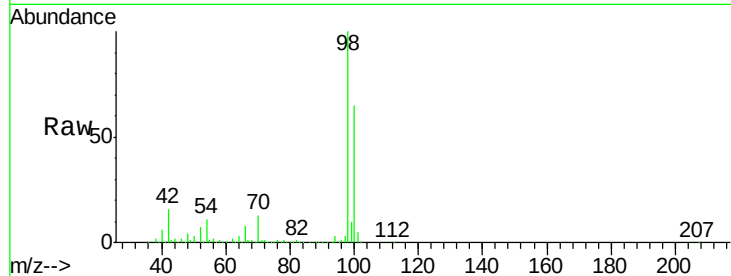
SAMPLE-3

Tot Ion: 98 Resp: 326466

Ion Ratio Lower Upper

98 100

100 64.8 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 41.347 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010864.D

Acq: 19 Jun 2019 21:20

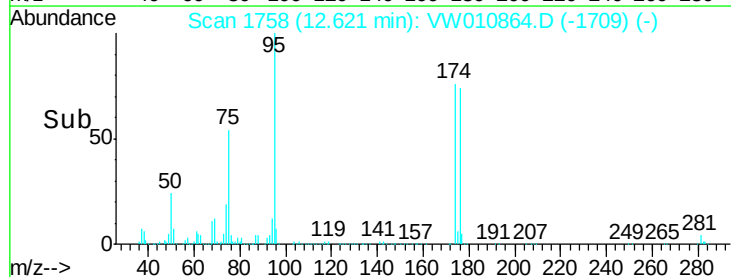
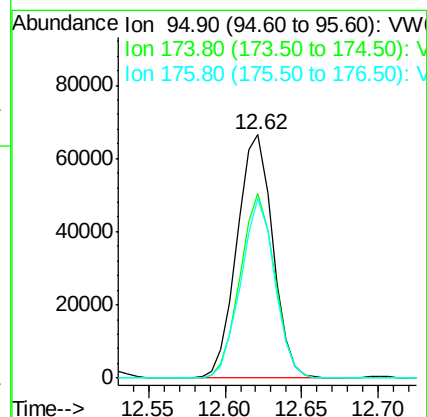
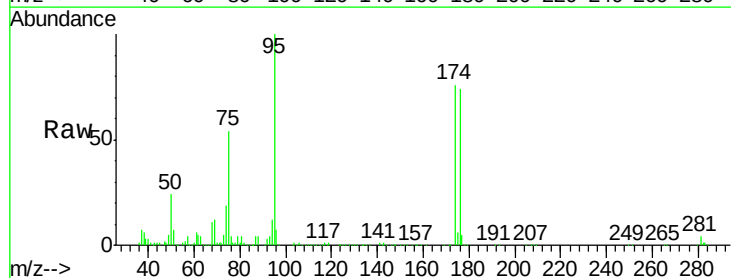
Tgt Ion: 95 Resp: 107187

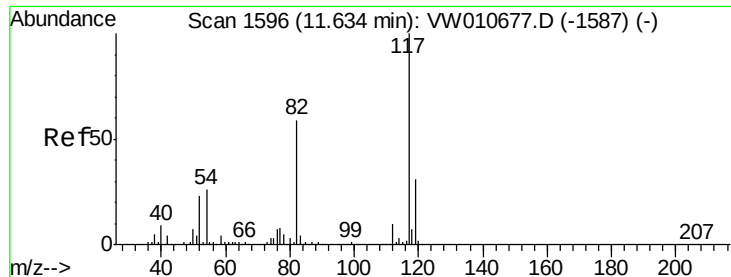
Ion Ratio Lower Upper

95 100

174 74.2 0.0 150.4

176 70.6 0.0 144.8

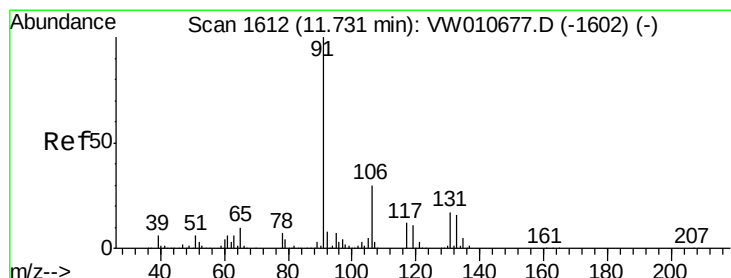
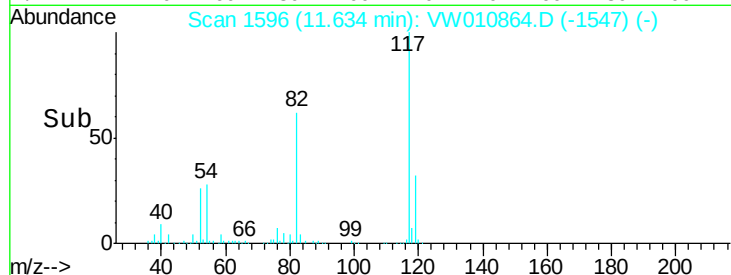
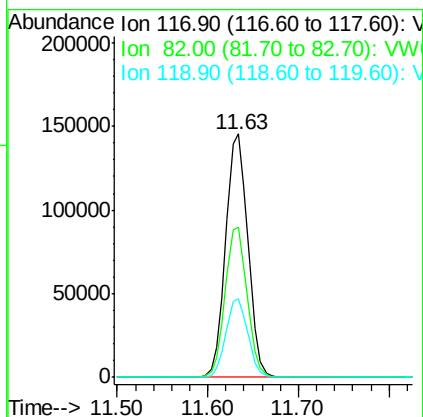
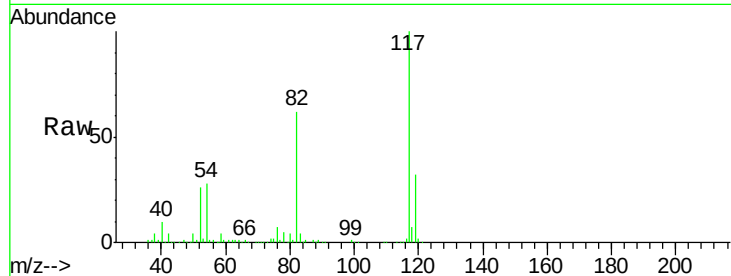




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010864.D
Acq: 19 Jun 2019 21:20

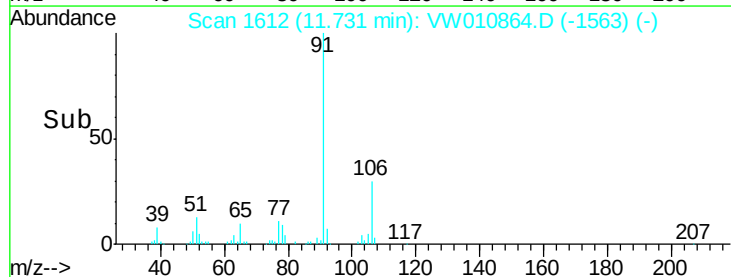
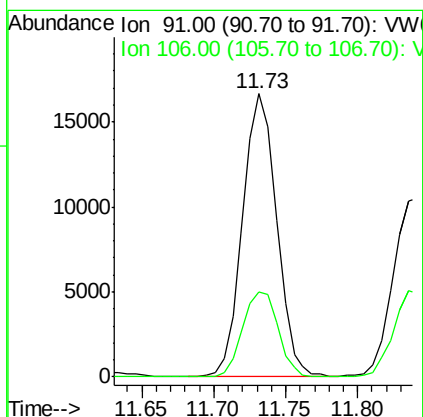
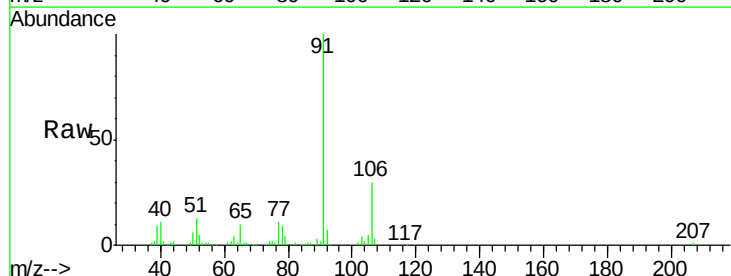
Instrument :
MSVOA_W
ClientSampleId :
SAMPLE-3

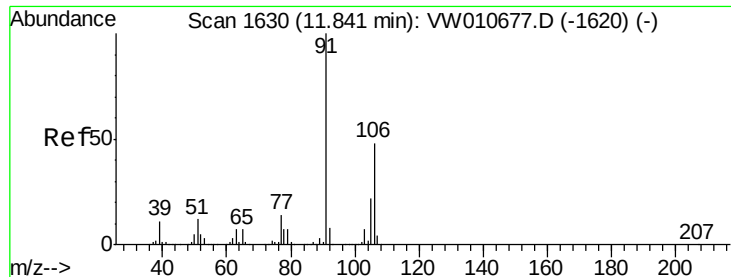
Tot Ion:117 Resp: 247181
Ion Ratio Lower Upper
117 100
82 61.6 47.0 70.4
119 32.0 25.1 37.7



#67
Ethyl Benzene
Concen: 2.931 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010864.D
Acq: 19 Jun 2019 21:20

Tgt Ion: 91 Resp: 27378
Ion Ratio Lower Upper
91 100
106 29.9 24.2 36.4

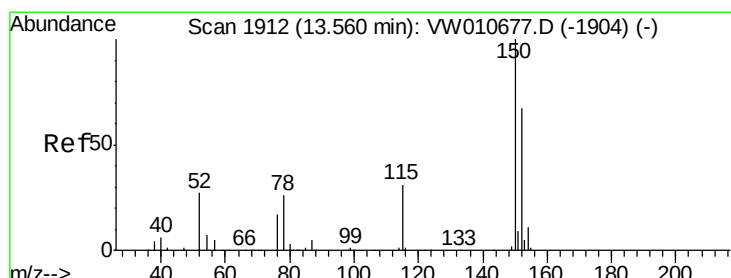
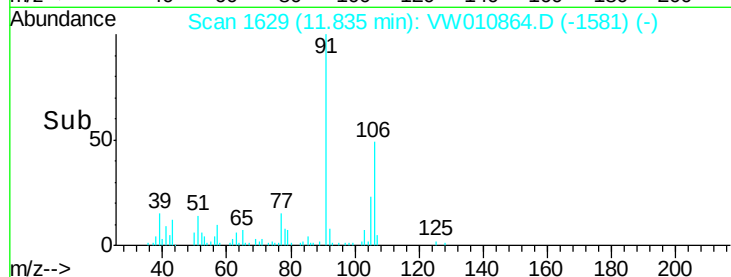
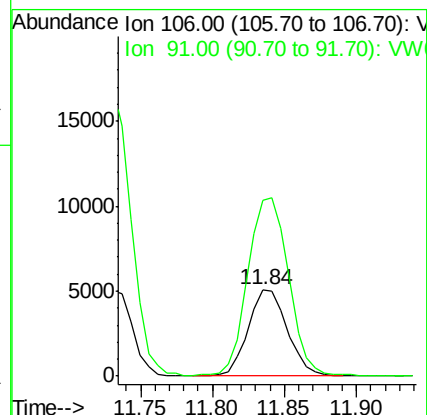
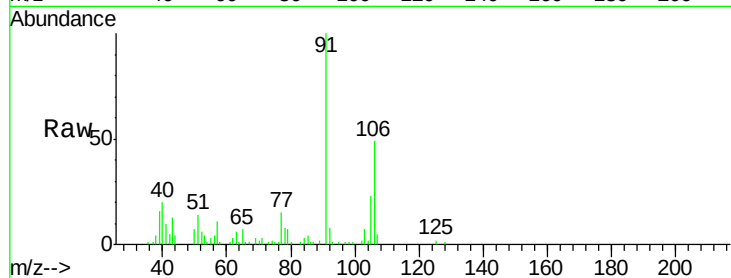




#68
m/p-Xvlenes
Concen: 2.859 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW010864.D
Acq: 19 Jun 2019 21:20

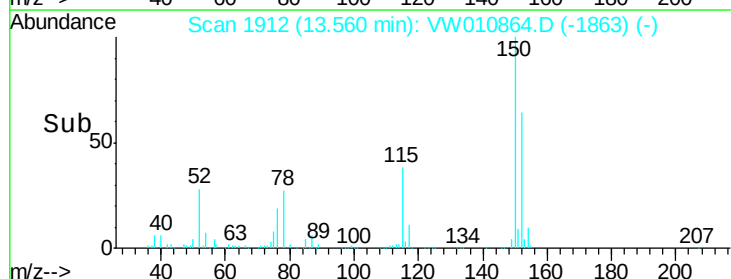
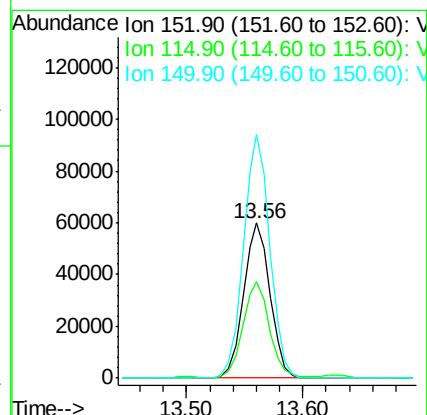
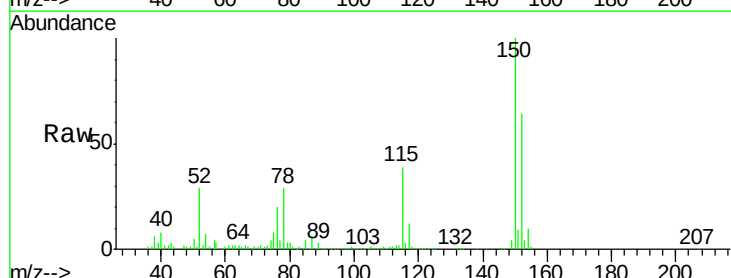
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MSVOA_W
ClientSampleId :
SAMPLE-3

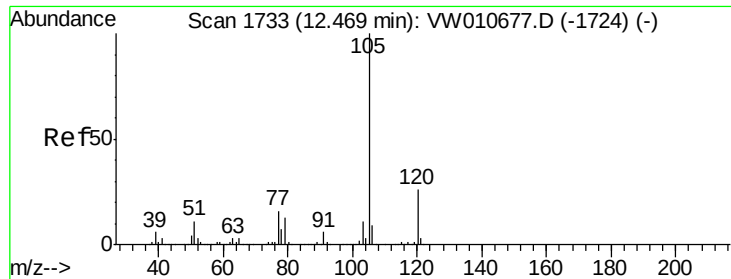
Tot Ion:106 Resp: 9560
Ion Ratio Lower Upper
106 100
91 215.9 166.5 249.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW010864.D
Acq: 19 Jun 2019 21:20

Tgt Ion:152 Resp: 94484
Ion Ratio Lower Upper
152 100
115 62.2 29.8 89.3
150 155.6 0.0 345.0





#73

Isopropylbenzene

Concen: 1.019 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW010864.D

Acq: 19 Jun 2019 21:20

Instrument :

MSVOA_W

ClientSampleId :

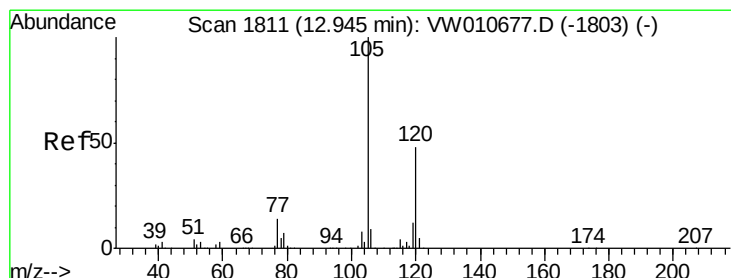
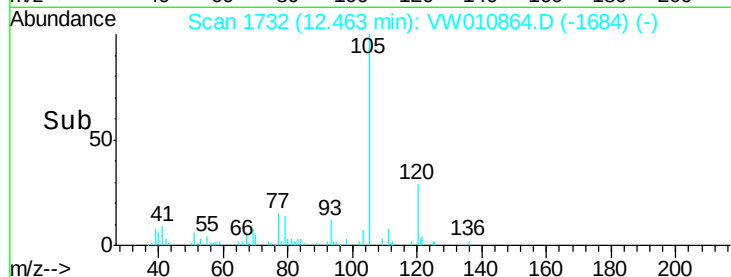
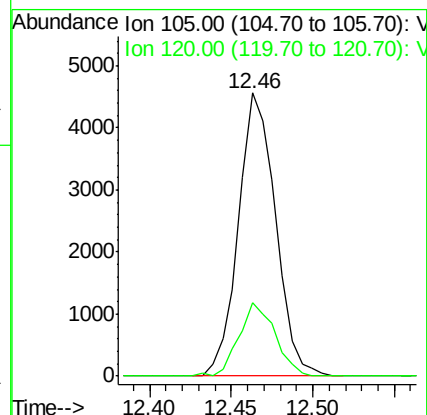
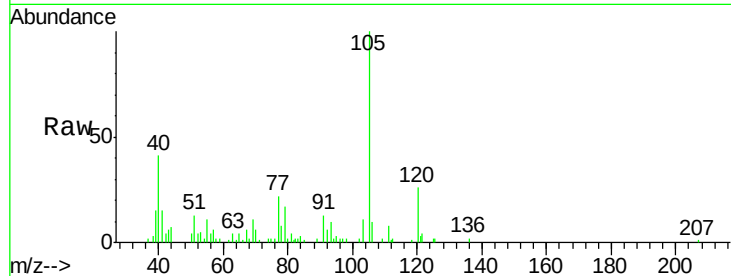
SAMPLE-3

Tot Ion:105 Resp: 7236

Ion Ratio Lower Upper

105 100

120 25.3 13.1 39.1



#80

1,3,5-Trimethylbenzene

Concen: 5.135 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW010864.D

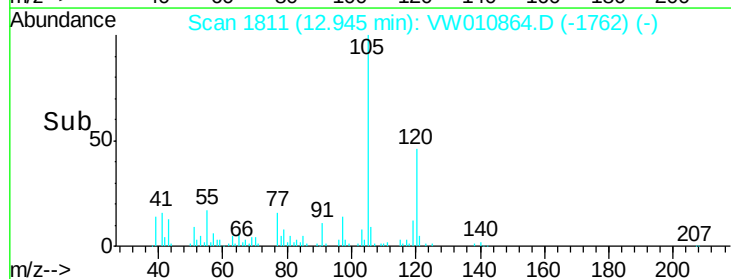
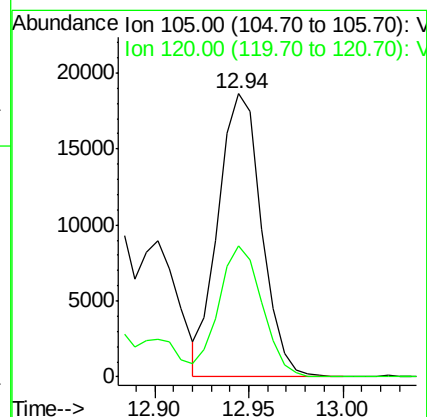
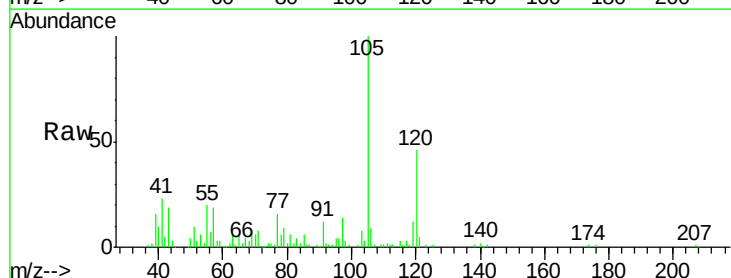
Acq: 19 Jun 2019 21:20

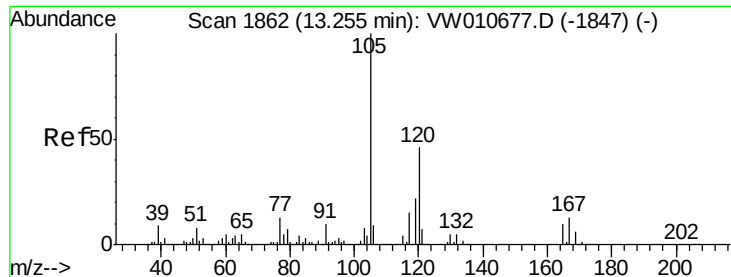
Tgt Ion:105 Resp: 29845

Ion Ratio Lower Upper

105 100

120 46.1 24.3 72.8

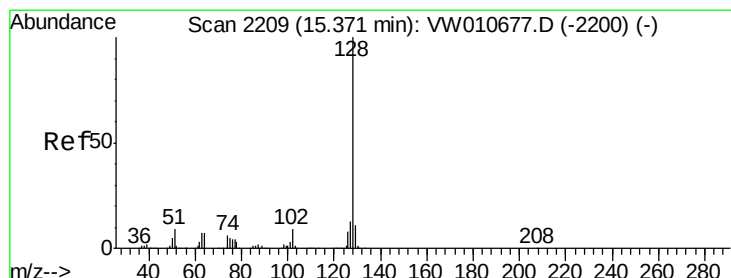
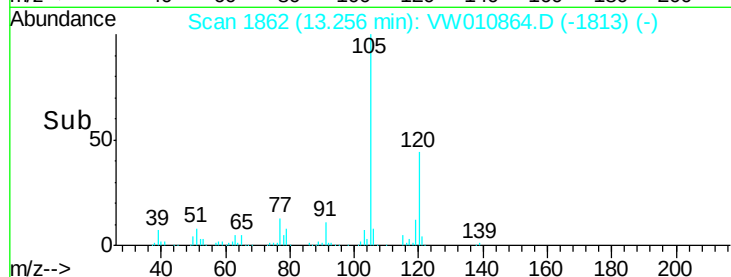
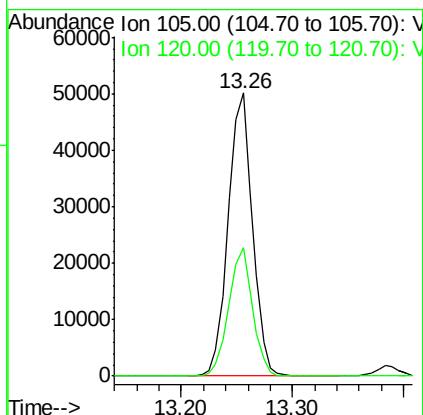
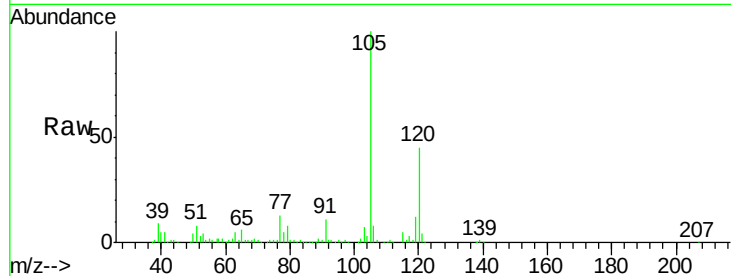




#84
 1,2,4-Trimethylbenzene
 Concen: 12.963 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW010864.D
 Acq: 19 Jun 2019 21:20

Instrument :
 MSVOA_W
 ClientSampled :
 SAMPLE-3

Tot Ion:105 Resp: 75807
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.5 67.5



#95
 Naphthalene
 Concen: 226.955 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: VW010864.D
 Acq: 19 Jun 2019 21:20

Tgt Ion:128 Resp: 777767
 Ion Ratio Lower Upper
 128 100
 127 13.4 10.6 15.8
 129 11.0 8.6 13.0

