

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051219\
 Data File : VW010402.D
 Acq On : 12 May 2019 12:25
 Operator : SY/VA
 Sample : K2718-16
 Misc : 5.26G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS007-0002-01

Quant Time: May 13 06:00:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 03:41:21 2019
 Response via : Initial Calibration

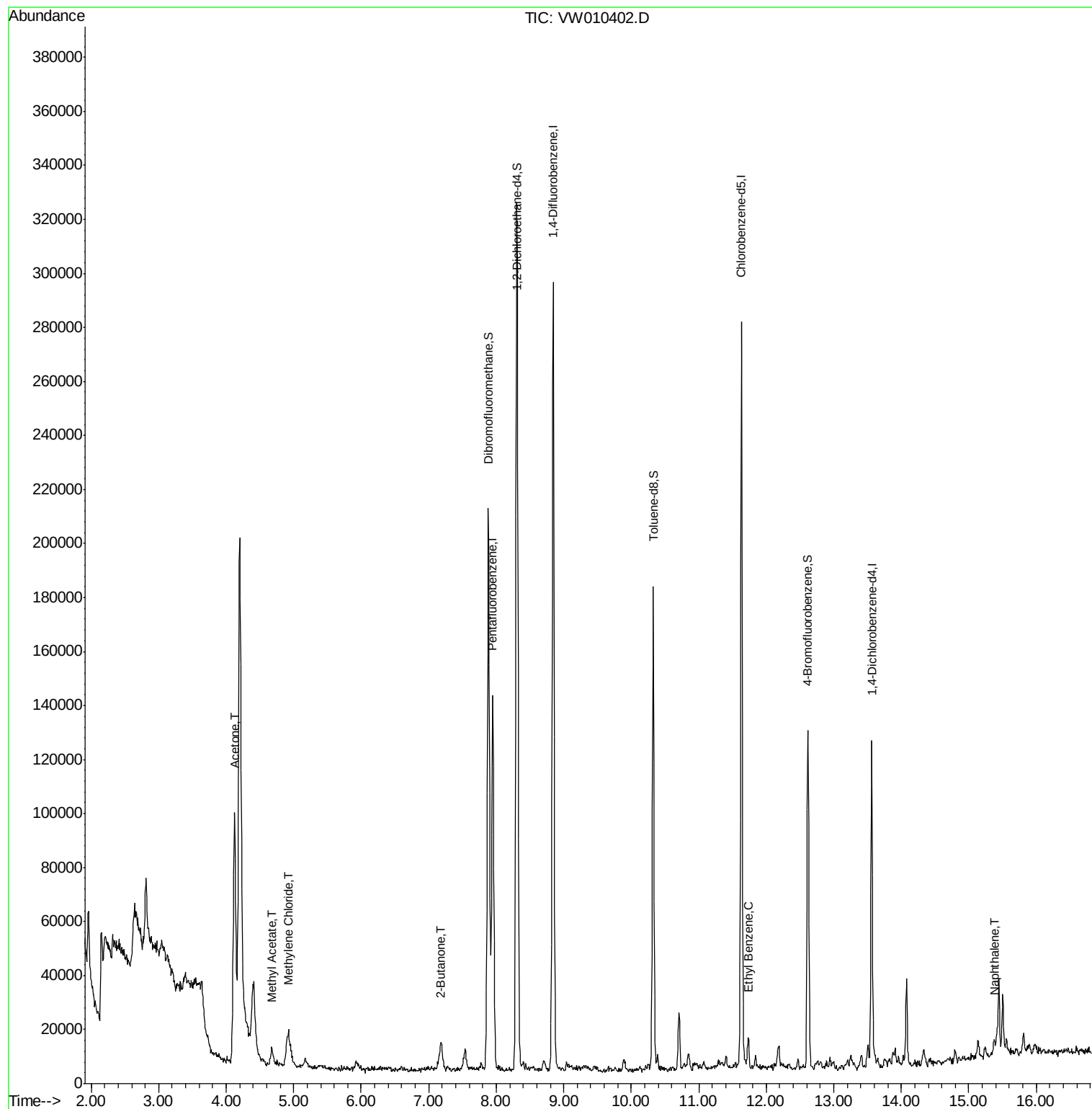
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	99257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	230580	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	150787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	29560	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	244599	231.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	463.60%	
35) Dibromofluoromethane	7.88	113	147480	109.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	218.60%	
50) Toluene-d8	10.32	98	115365	21.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	42.00%	
62) 4-Bromofluorobenzene	12.62	95	33012	17.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	34.14%	
Target Compounds						
16) Acetone	4.12	43	169017	614.401	ug/l	96
18) Methyl Acetate	4.68	43	10607	15.567	ug/l	93
20) Methylene Chloride	4.92	84	12130	10.572	ug/l #	81
25) 2-Butanone	7.18	43	16373	38.906	ug/l	93
67) Ethyl Benzene	11.74	91	6627	1.154	ug/l #	89
95) Naphthalene	15.37	128	5104	7.127	ug/l	98

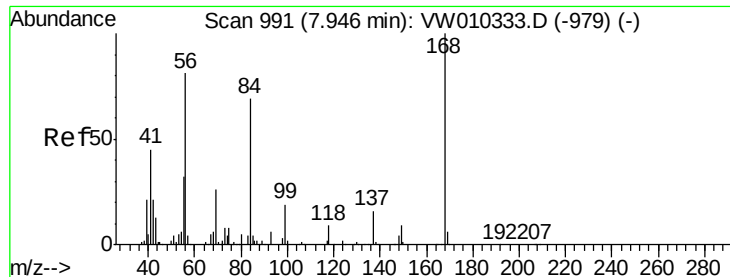
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW051219\
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Acq On : 12 May 2019 12:25
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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: VW010402.D

Acq: 12 May 2019 12:25

Instrument :

MSVOA_W

ClientSampleId :

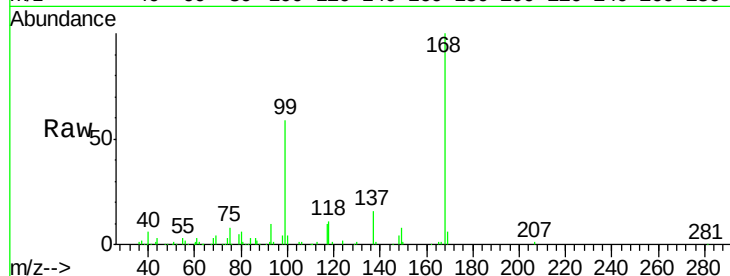
P026-SS007-0002-01

Tot Ion:168 Resp: 99257

Ion Ratio Lower Upper

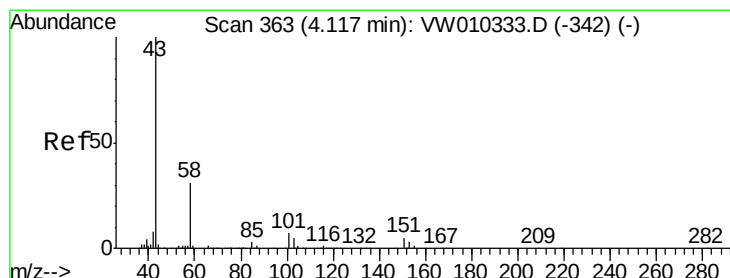
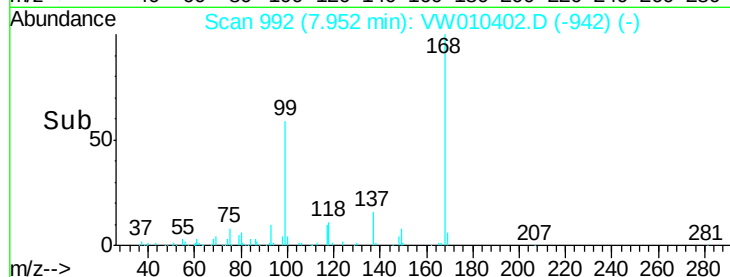
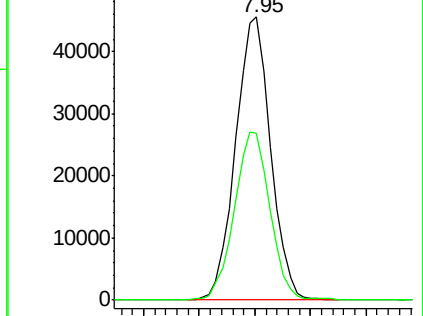
168 100

99 58.6 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 614.401 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW010402.D

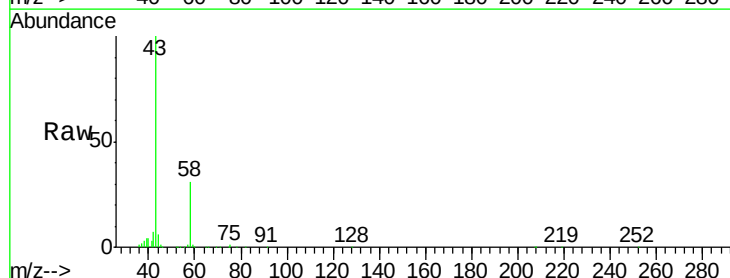
Acq: 12 May 2019 12:25

Tgt Ion: 43 Resp: 169017

Ion Ratio Lower Upper

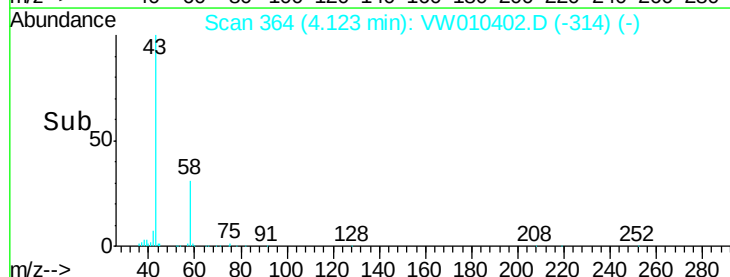
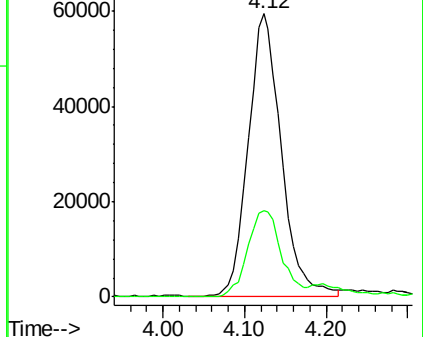
43 100

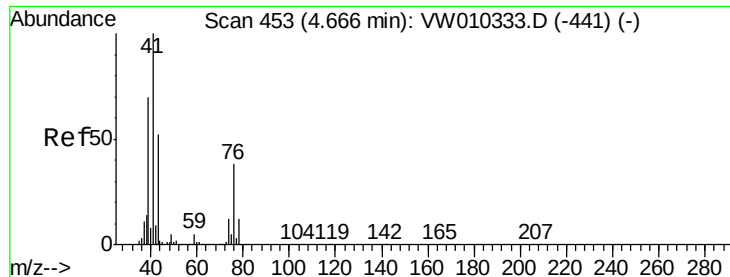
58 30.4 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

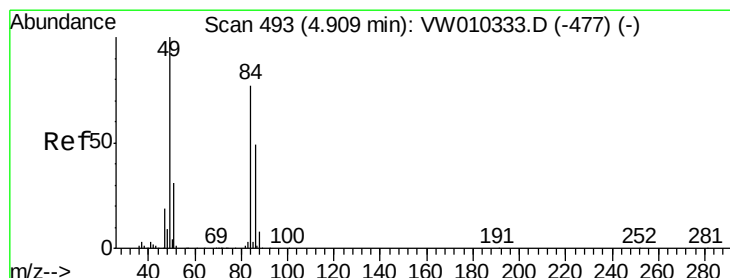
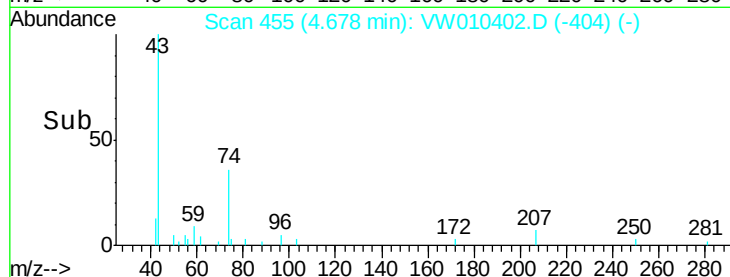
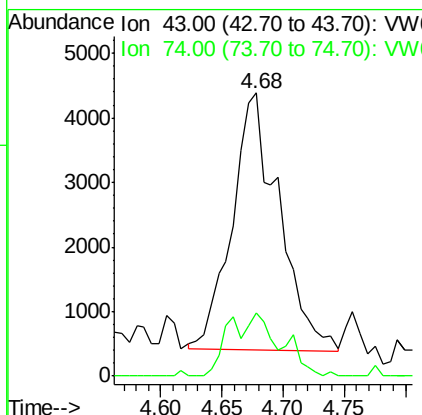
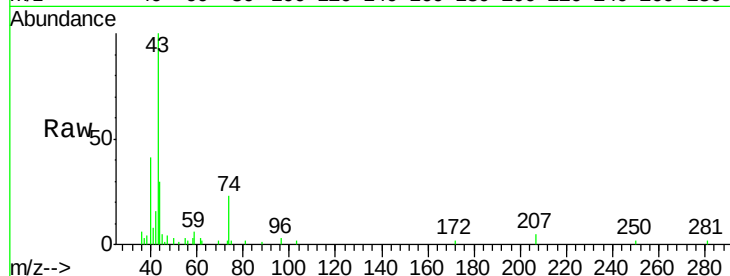




#18
Methyl Acetate
Concen: 15.567 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW010402.D
Acq: 12 May 2019 12:25

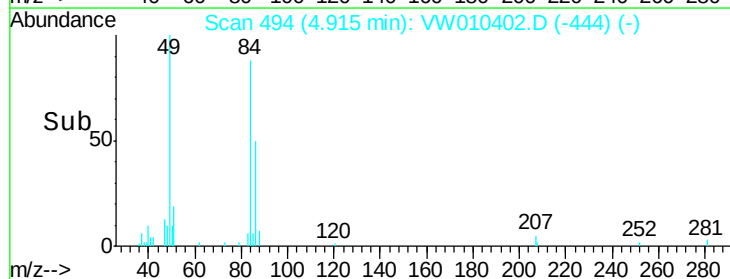
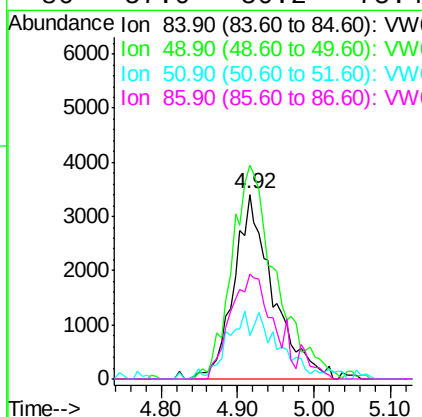
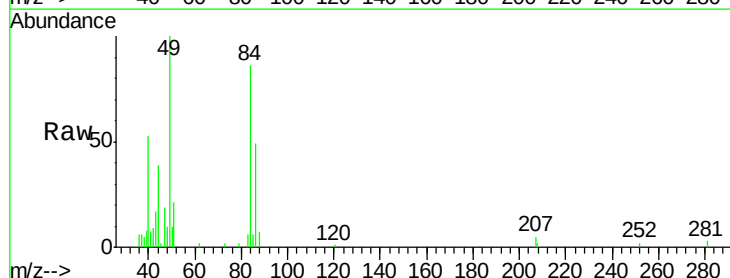
Instrument :
MSVOA_W
ClientSampleId :
P026-SS007-0002-01

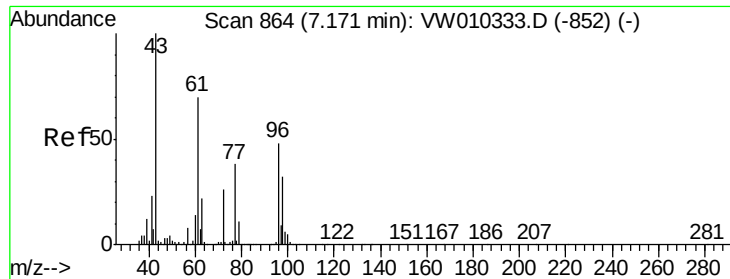
Tot Ion: 43 Resp: 10607
Ion Ratio Lower Upper
43 100
74 17.8 16.8 25.2



#20
Methylene Chloride
Concen: 10.572 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW010402.D
Acq: 12 May 2019 12:25

Tgt Ion: 84 Resp: 12130
Ion Ratio Lower Upper
84 100
49 115.8 112.3 168.5
51 23.7 33.9 50.9#
86 57.0 50.2 75.4





#25

2-Butanone

Concen: 38.906 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW010402.D

Acq: 12 May 2019 12:25

Instrument :

MSVOA_W

ClientSampleId :

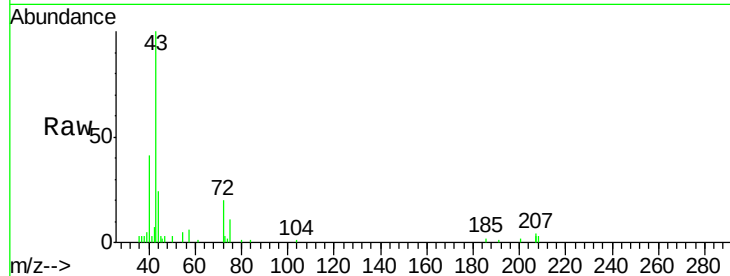
P026-SS007-0002-01

Tot Ion: 43 Resp: 16373

Ion Ratio Lower Upper

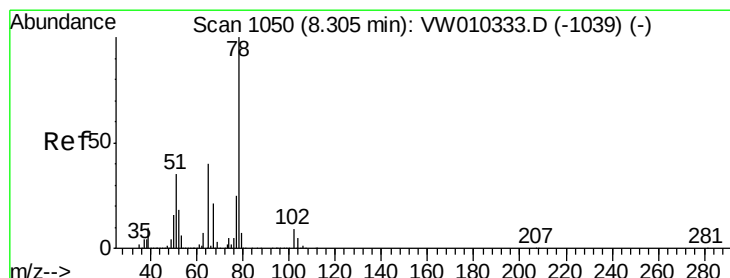
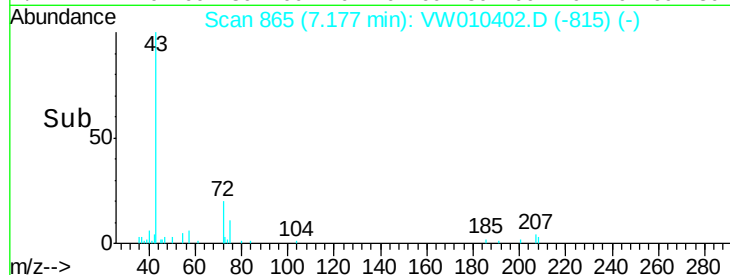
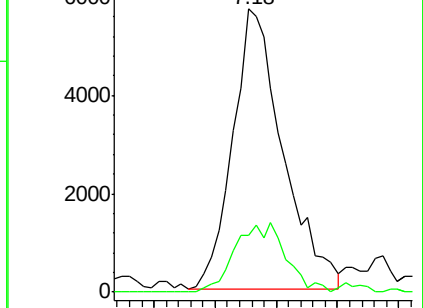
43 100

72 20.4 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#33

1,2-Dichloroethane-d4

Concen: 231.796 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010402.D

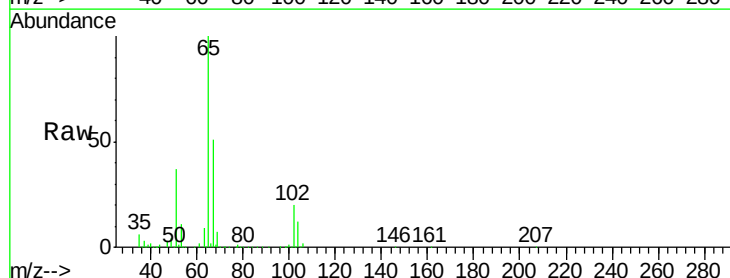
Acq: 12 May 2019 12:25

Tgt Ion: 65 Resp: 244599

Ion Ratio Lower Upper

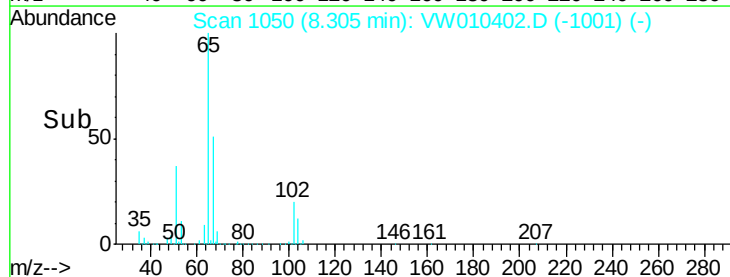
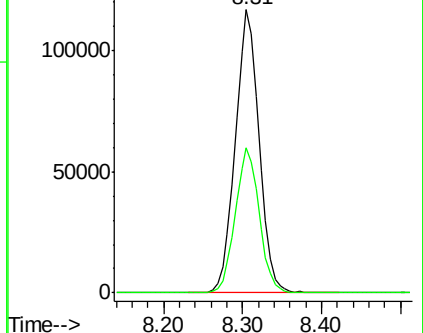
65 100

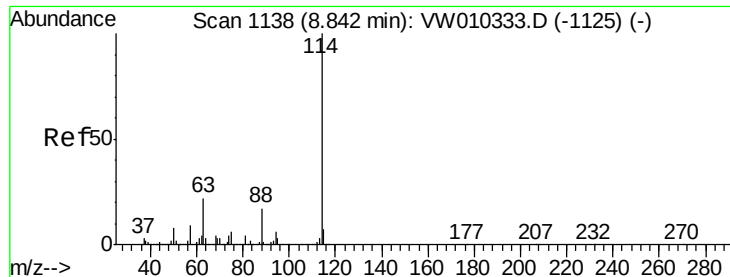
67 51.7 0.0 100.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010402.D

Acq: 12 May 2019 12:25

Instrument :

MSVOA_W

ClientSampleId :

P026-SS007-0002-01

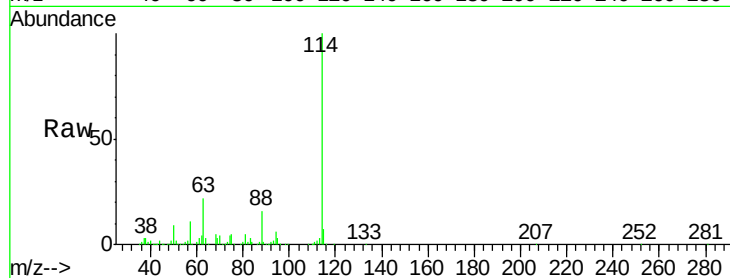
Tot Ion:114 Resp: 230580

Ion Ratio Lower Upper

114 100

63 22.2 0.0 46.2

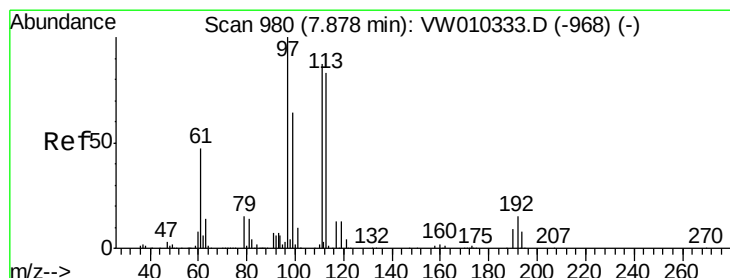
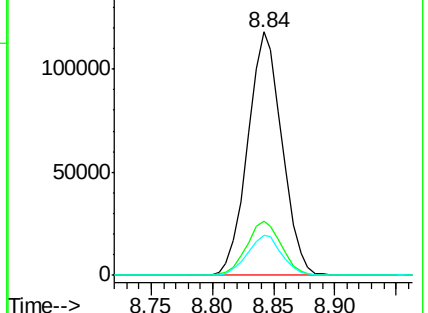
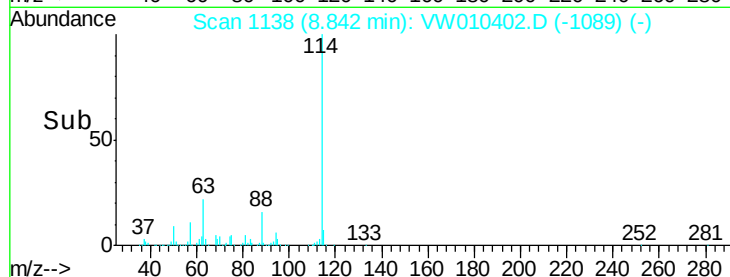
88 16.4 0.0 32.6



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: 109.299 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW010402.D

Acq: 12 May 2019 12:25

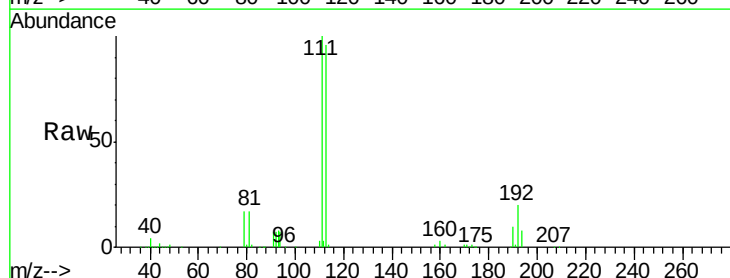
Tgt Ion:113 Resp: 147480

Ion Ratio Lower Upper

113 100

111 102.0 82.6 123.8

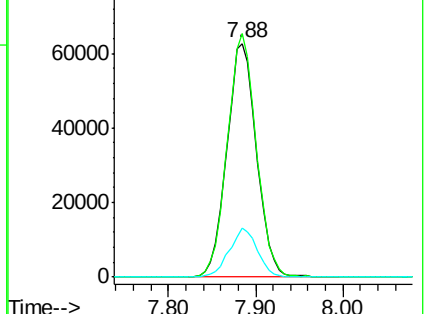
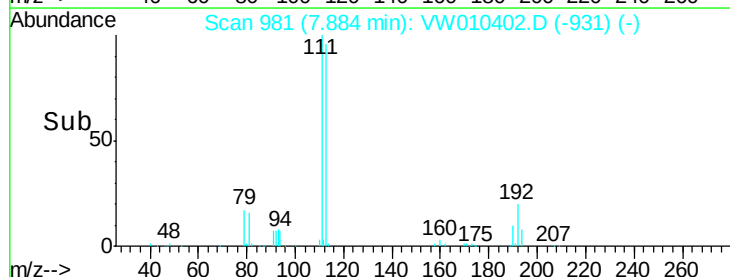
192 19.8 15.4 23.2

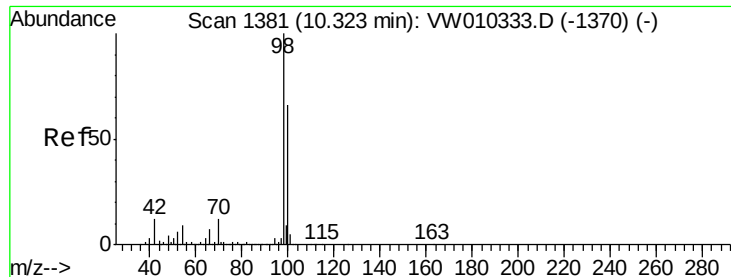


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 20.997 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010402.D

Acq: 12 May 2019 12:25

Instrument :

MSVOA_W

ClientSampleId :

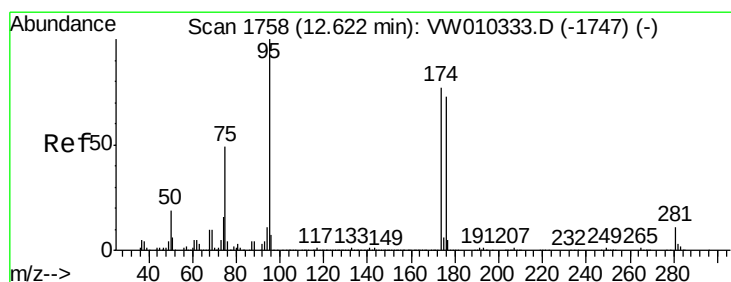
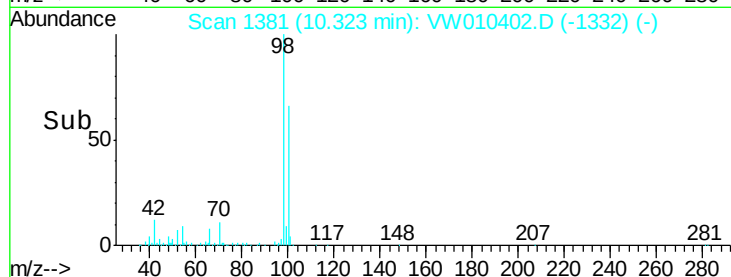
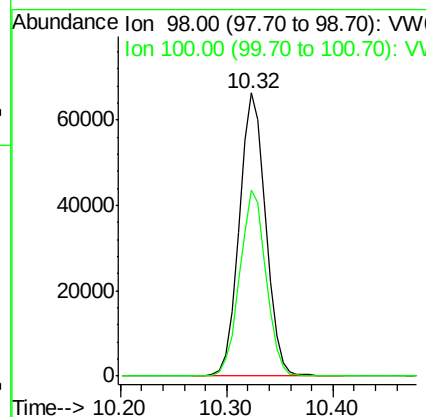
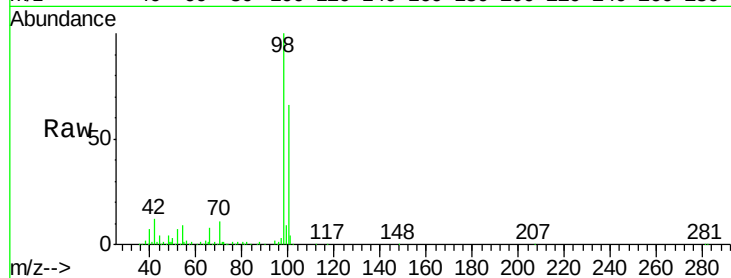
P026-SS007-0002-01

Tot Ion: 98 Resp: 115365

Ion Ratio Lower Upper

98 100

100 65.7 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 17.068 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW010402.D

Acq: 12 May 2019 12:25

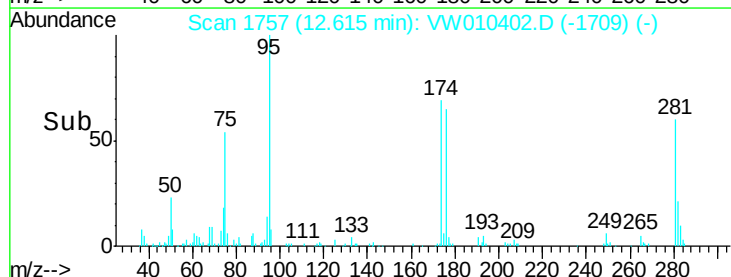
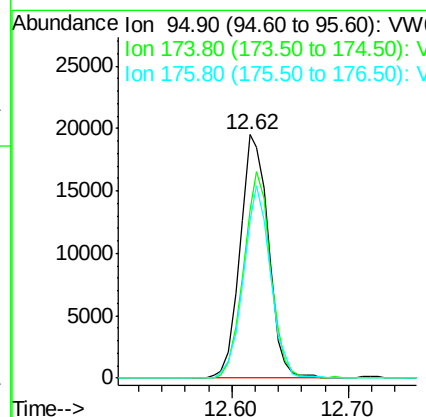
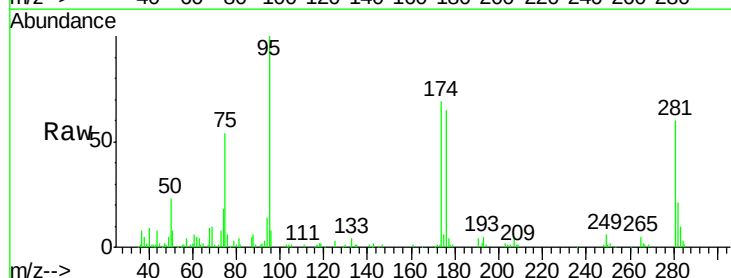
Tgt Ion: 95 Resp: 33012

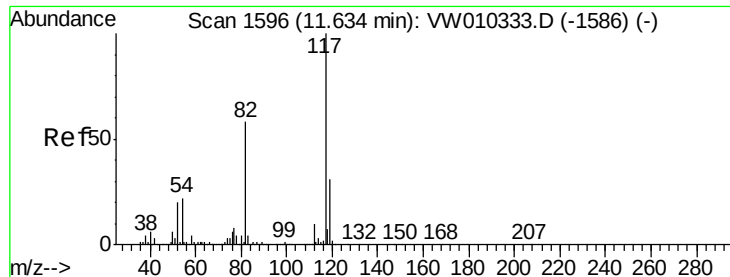
Ion Ratio Lower Upper

95 100

174 81.1 0.0 151.4

176 75.7 0.0 146.2

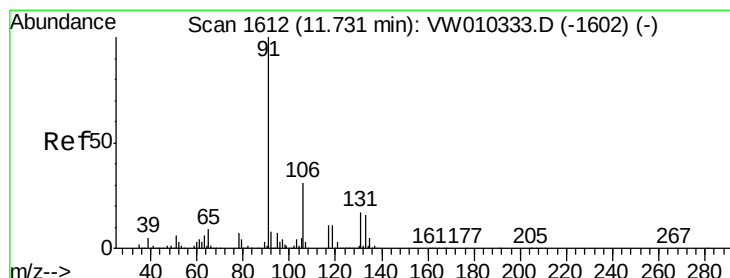
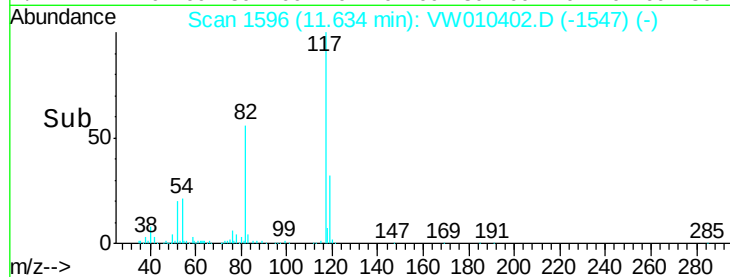
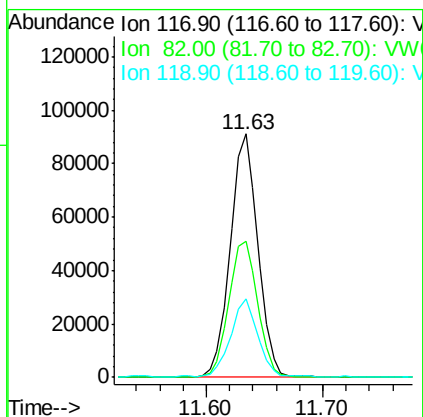
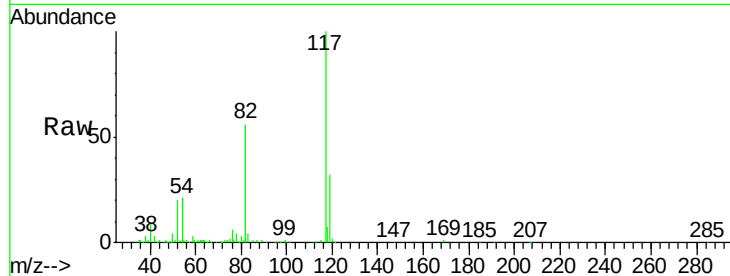




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010402.D
Acq: 12 May 2019 12:25

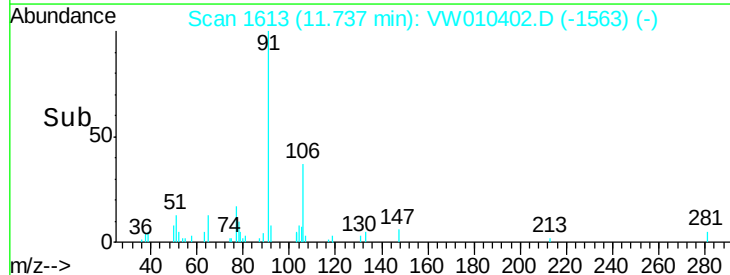
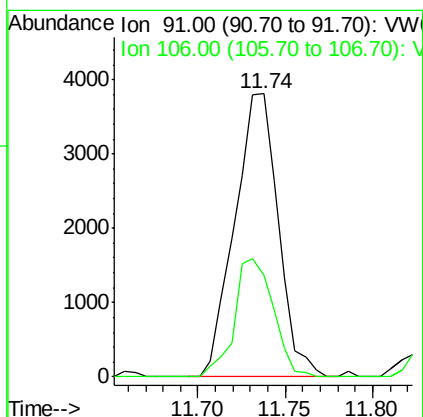
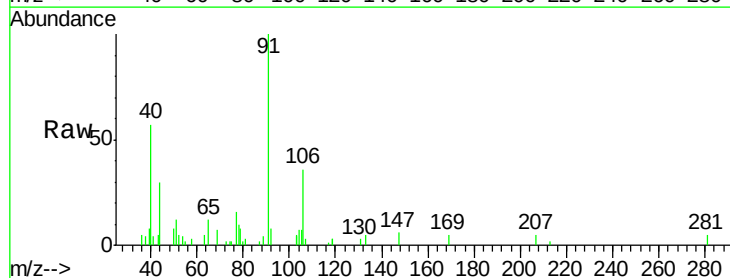
Instrument :
MSVOA_W
ClientSampleId :
P026-SS007-0002-01

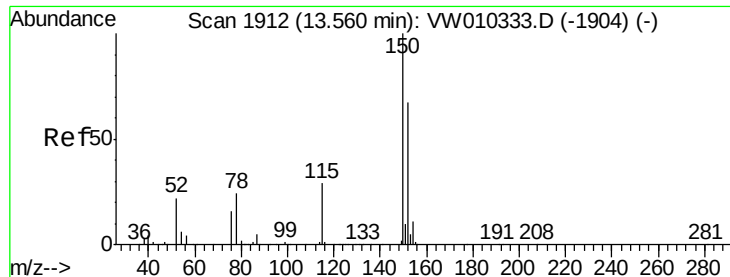
Tot Ion:117 Resp: 150787
Ion Ratio Lower Upper
117 100
82 55.7 45.2 67.8
119 32.2 25.4 38.2



#67
Ethyl Benzene
Concen: 1.154 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW010402.D
Acq: 12 May 2019 12:25

Tgt Ion: 91 Resp: 6627
Ion Ratio Lower Upper
91 100
106 35.9 23.8 35.8#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010402.D

Acq: 12 May 2019 12:25

Instrument :

MSVOA_W

ClientSampleId :

P026-SS007-0002-01

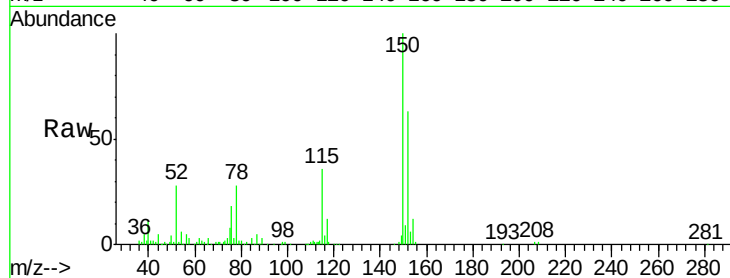
Tot Ion:152 Resp: 29560

Ion Ratio Lower Upper

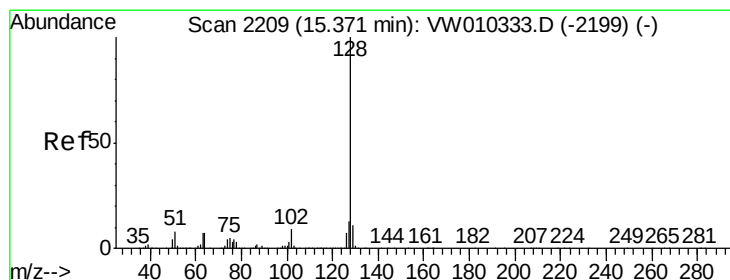
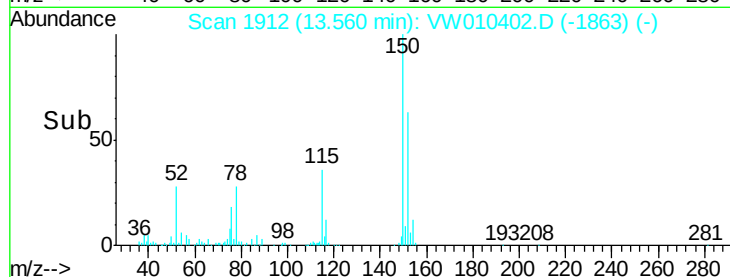
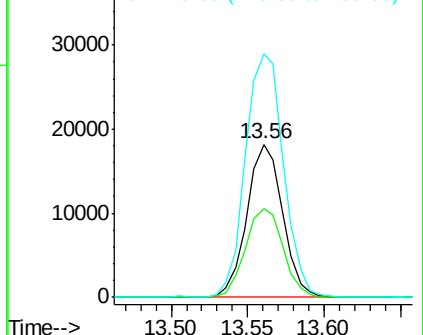
152 100

115 61.1 30.4 91.2

150 169.4 0.0 347.0



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



#95

Naphthalene

Concen: 7.127 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW010402.D

Acq: 12 May 2019 12:25

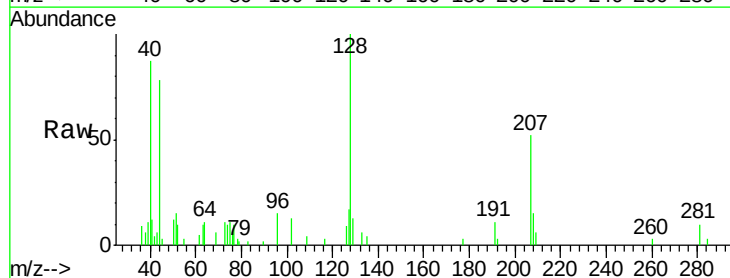
Tgt Ion:128 Resp: 5104

Ion Ratio Lower Upper

128 100

127 12.0 10.6 15.8

129 10.6 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

