

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010501.D
 Acq On : 27 Jun 2019 20:00
 Operator : JC/SP
 Sample : K3521-36
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10S

Quant Time: Jun 28 07:53:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

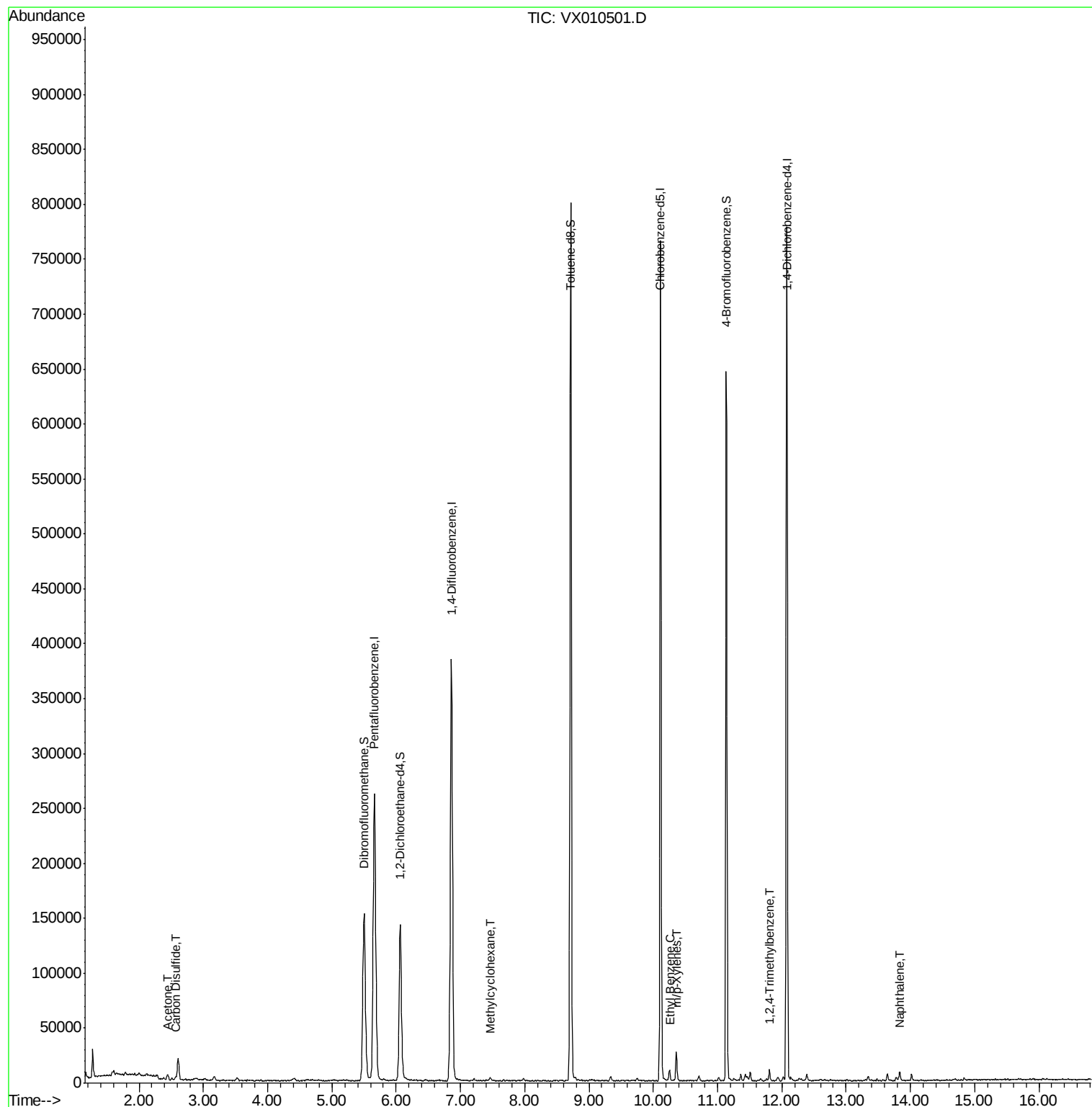
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	273539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	417759	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	375716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171094	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	129129	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
35) Dibromofluoromethane	5.50	113	127938	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
50) Toluene-d8	8.71	98	492158	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
62) 4-Bromofluorobenzene	11.13	95	163554	46.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.66%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	6115	4.757	ug/l	88
17) Carbon Disulfide	2.57	76	3101	0.488	ug/l #	94
39) Methylcyclohexane	7.47	83	1488	0.341	ug/l	91
67) Ethyl Benzene	10.26	91	5805	0.451	ug/l	97
68) m/p-Xylenes	10.36	106	6615	1.326	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	4281	0.446	ug/l	97
95) Naphthalene	13.83	128	4945	0.413	ug/l #	94

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

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Quant Time: Jun 28 07:53:16 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010501.D

Acq: 27 Jun 2019 20:00

Instrument :

MSVOA_X

ClientSampleId :

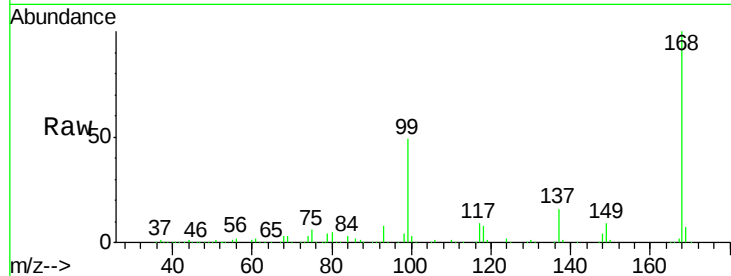
PK-10S

Tot Ion:168 Resp: 273539

Ion Ratio Lower Upper

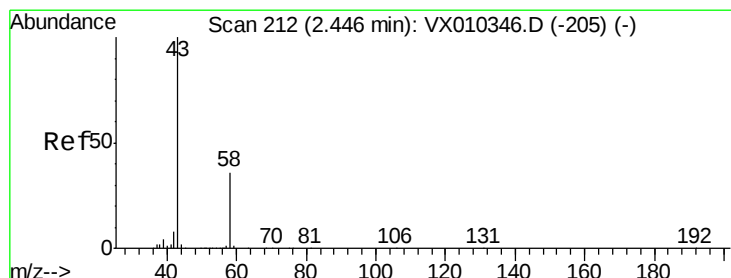
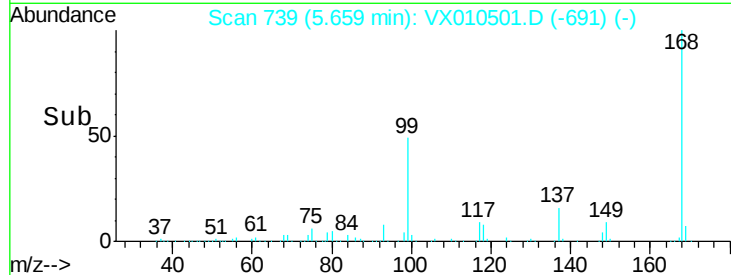
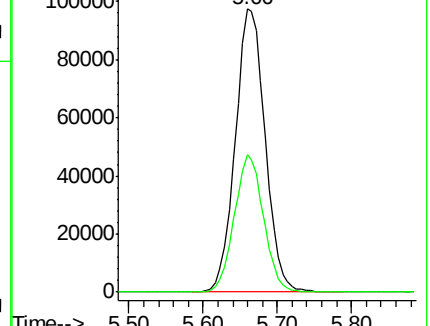
168 100

99 48.7 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 4.757 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010501.D

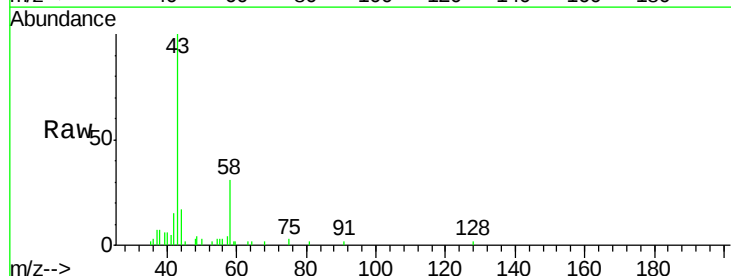
Acq: 27 Jun 2019 20:00

Tgt Ion: 43 Resp: 6115

Ion Ratio Lower Upper

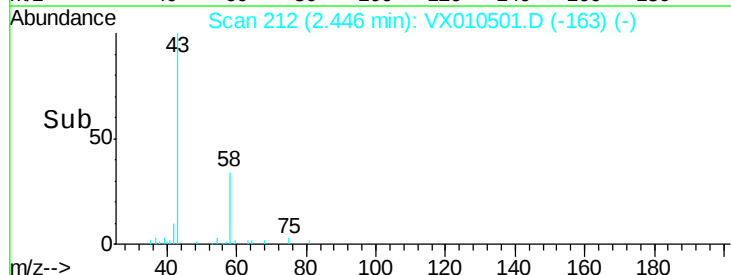
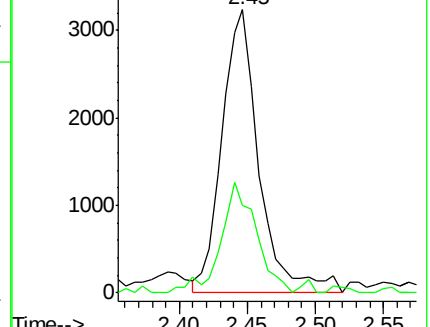
43 100

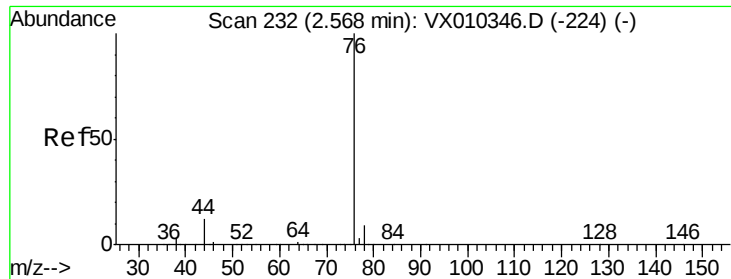
58 28.9 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

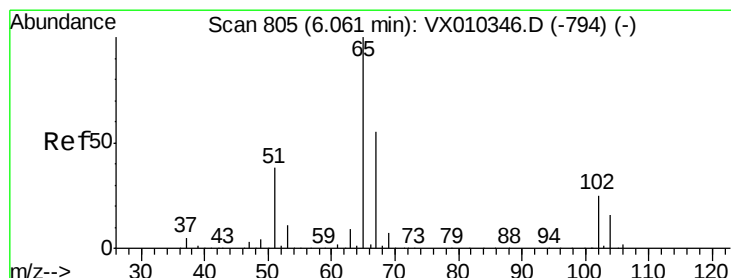
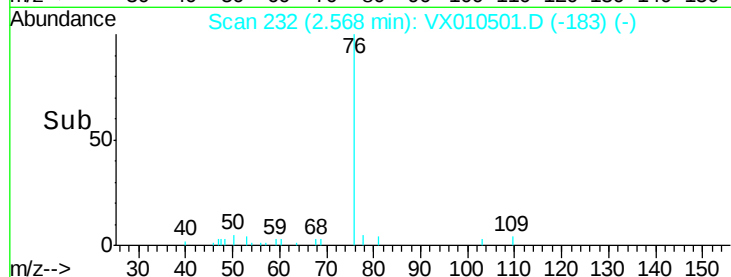
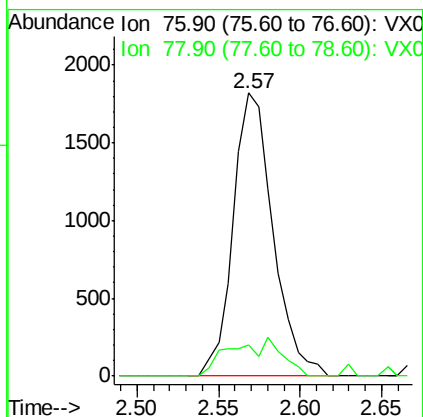
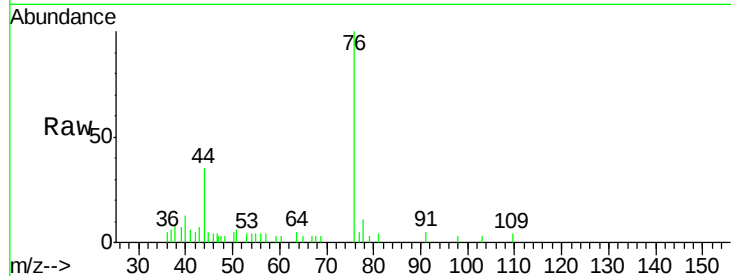




#17
Carbon Disulfide
Concen: 0.488 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010501.D
Acq: 27 Jun 2019 20:00

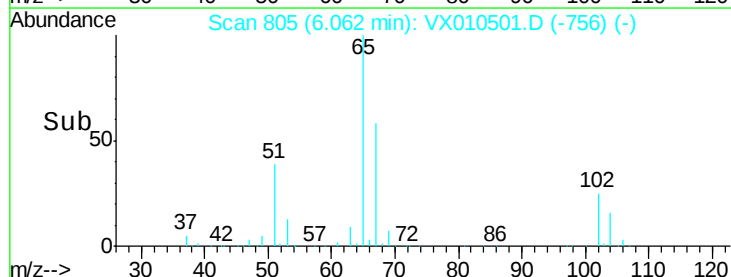
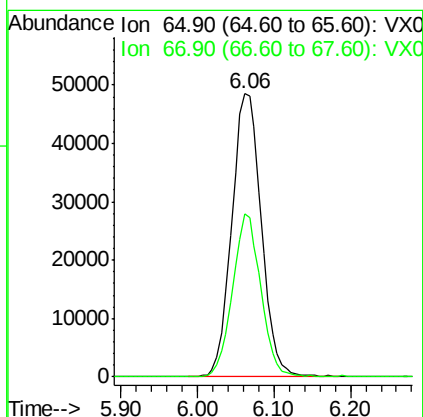
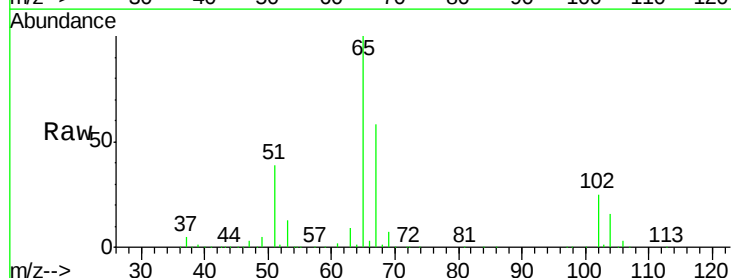
Instrument :
MSVOA_X
ClientSampleId :
PK-10S

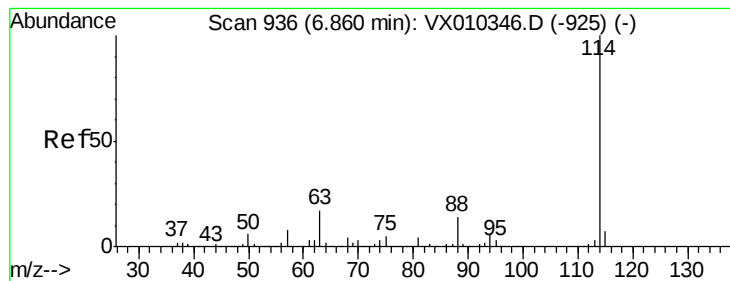
Tot Ion: 76 Resp: 3101
Ion Ratio Lower Upper
76 100
78 11.1 7.3 10.9#



#33
1,2-Dichloroethane-d4
Concen: 50.349 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010501.D
Acq: 27 Jun 2019 20:00

Tgt Ion: 65 Resp: 129129
Ion Ratio Lower Upper
65 100
67 55.3 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010501.D

Acq: 27 Jun 2019 20:00

Instrument :

MSVOA_X

ClientSampleId :

PK-10S

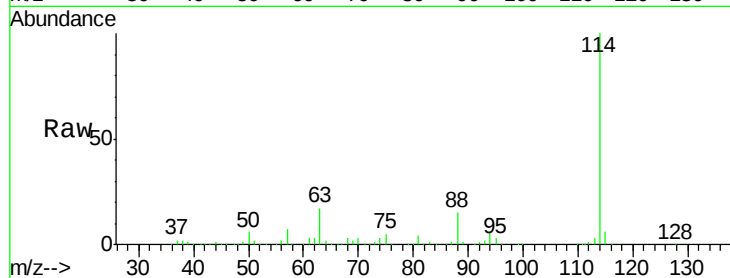
Tot Ion:114 Resp: 417759

Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.8

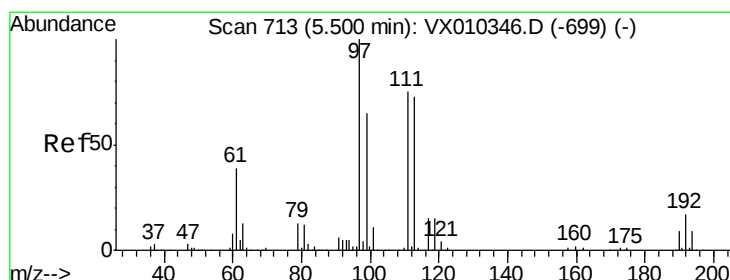
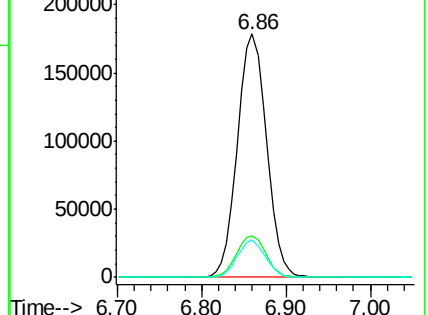
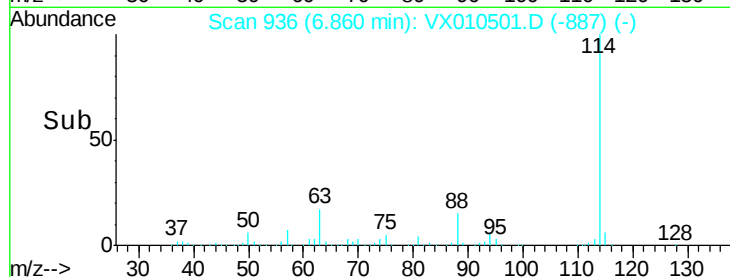
88 15.2 0.0 27.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 50.054 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010501.D

Acq: 27 Jun 2019 20:00

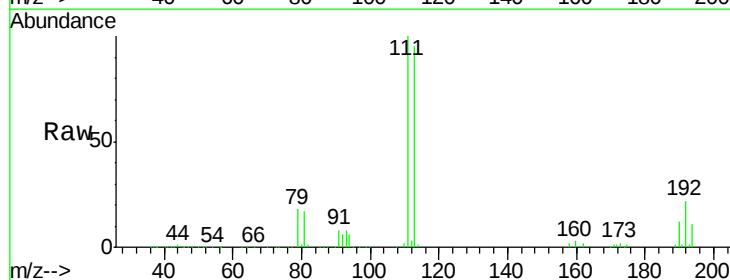
Tgt Ion:113 Resp: 127938

Ion Ratio Lower Upper

113 100

111 102.3 81.2 121.8

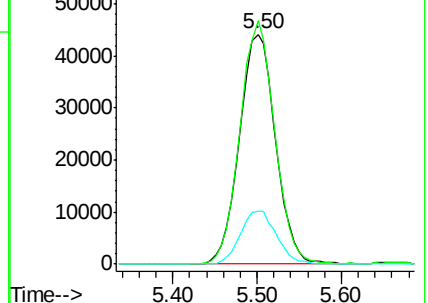
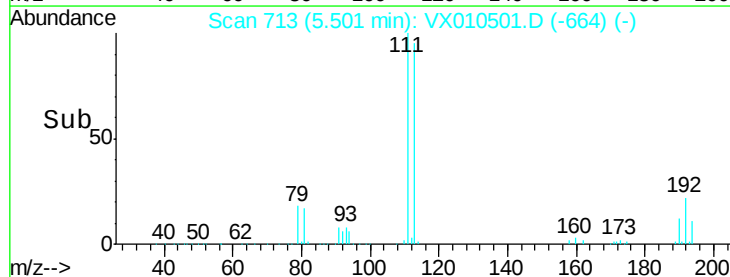
192 23.2 18.6 27.8

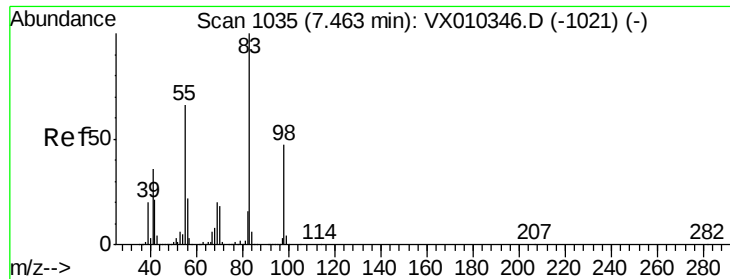


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#39

Methylcyclohexane

Concen: 0.341 ug/l

RT: 7.47 min Scan# 1036

Delta R.T. 0.01 min

Lab File: VX010501.D

Acq: 27 Jun 2019 20:00

Instrument :

MSVOA_X

ClientSampled :

PK-10S

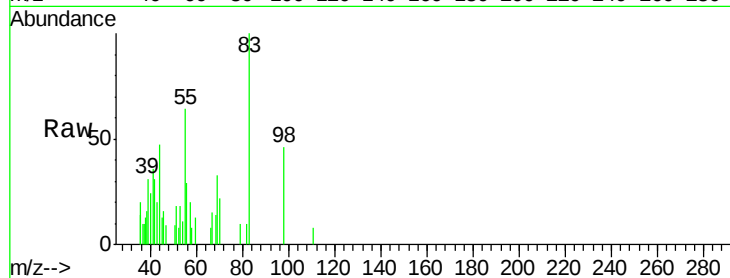
Tot Ion: 83 Resp: 1488

Ion Ratio Lower Upper

83 100

55 54.5 53.0 79.6

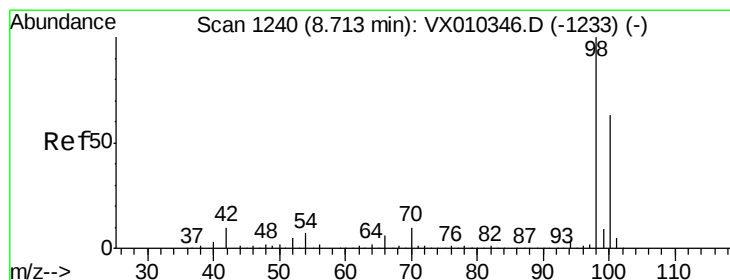
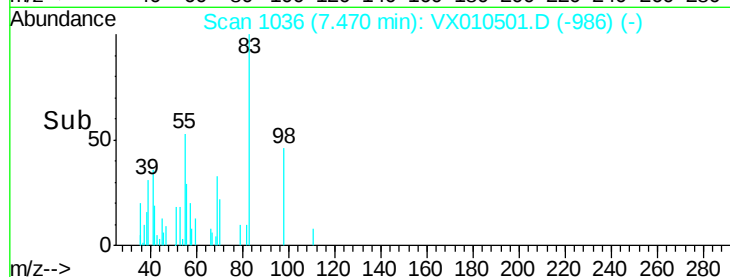
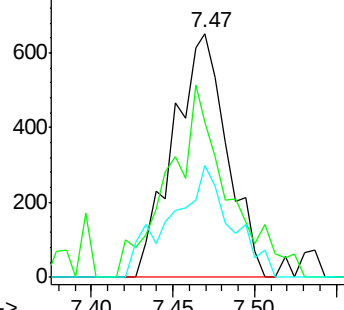
98 45.9 37.8 56.8



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#50

Toluene-d8

Concen: 50.329 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010501.D

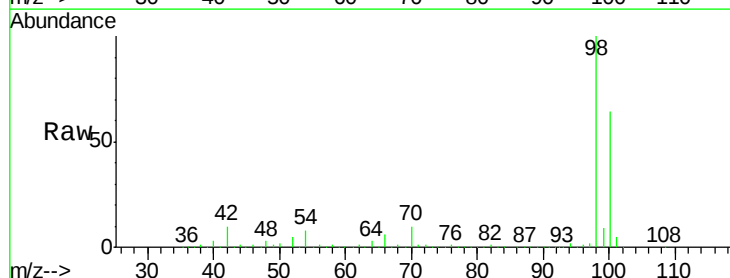
Acq: 27 Jun 2019 20:00

Tgt Ion: 98 Resp: 492158

Ion Ratio Lower Upper

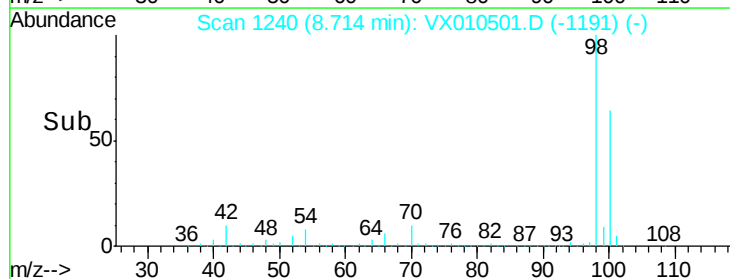
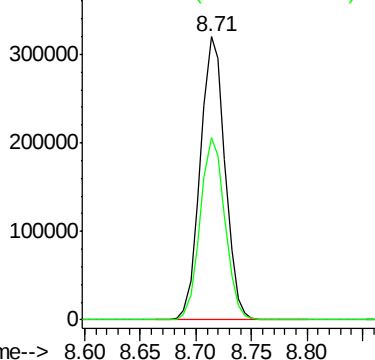
98 100

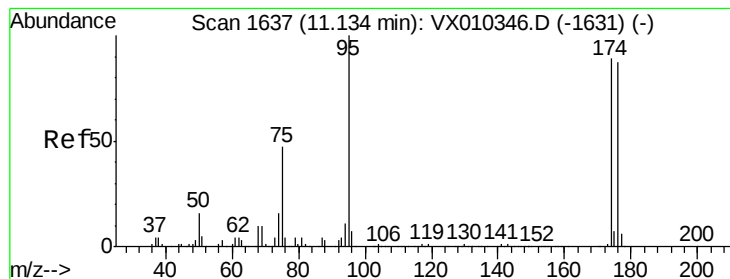
100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 46.327 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010501.D

Acq: 27 Jun 2019 20:00

Instrument :

MSVOA_X

ClientSampleId :

PK-10S

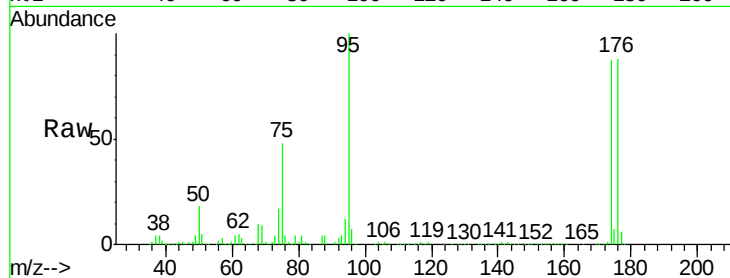
Tot Ion: 95 Resp: 163554

Ion Ratio Lower Upper

95 100

174 94.9 0.0 187.6

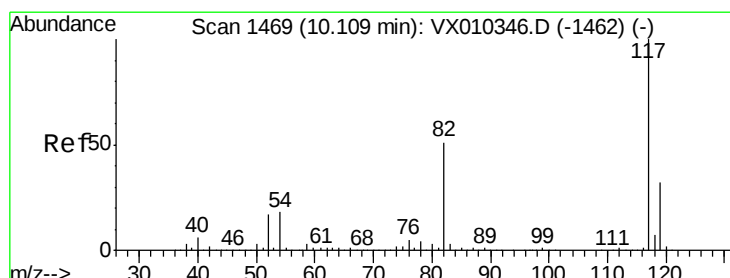
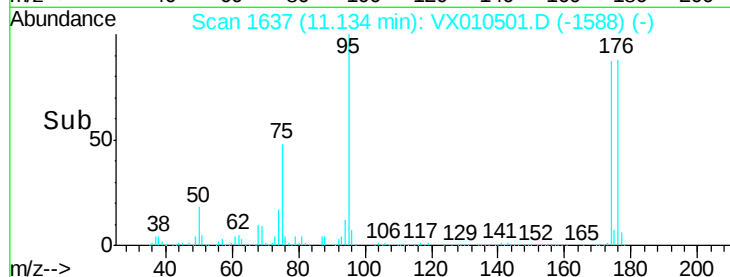
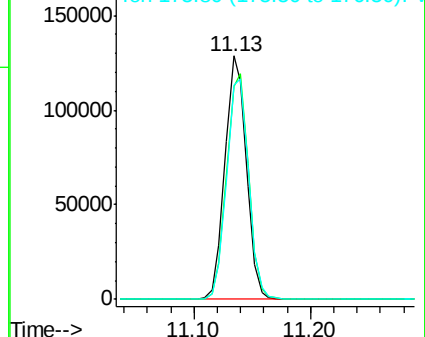
176 94.1 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010501.D

Acq: 27 Jun 2019 20:00

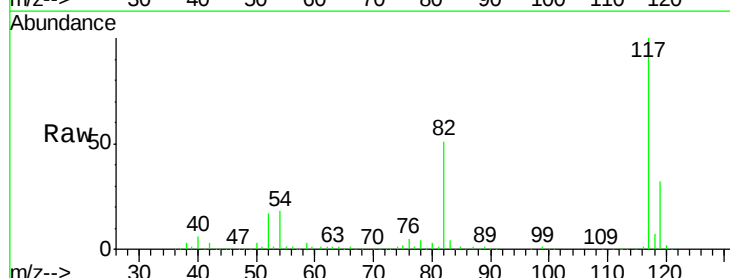
Tgt Ion: 117 Resp: 375716

Ion Ratio Lower Upper

117 100

82 50.6 41.2 61.8

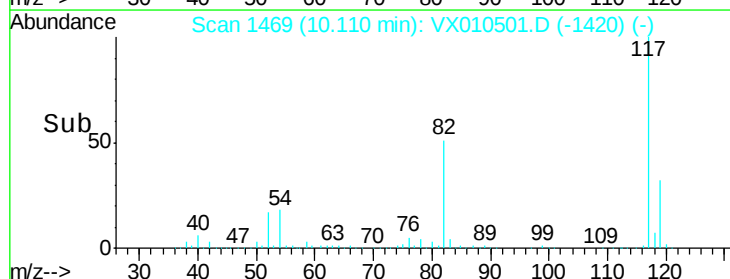
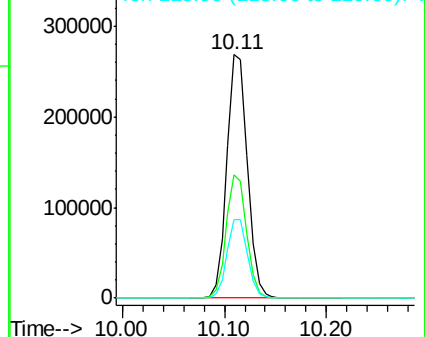
119 32.3 25.5 38.3

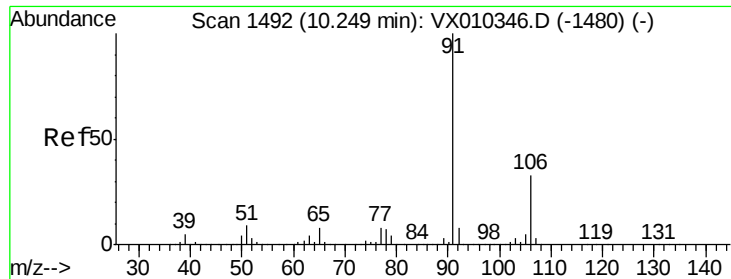


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

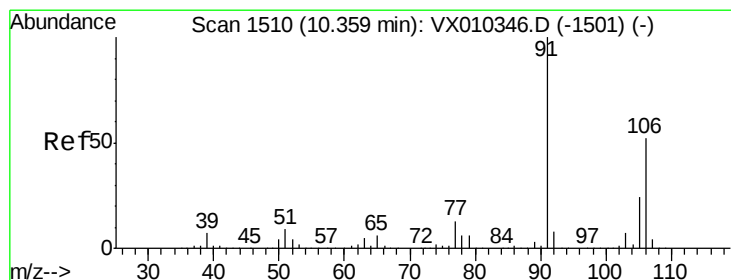
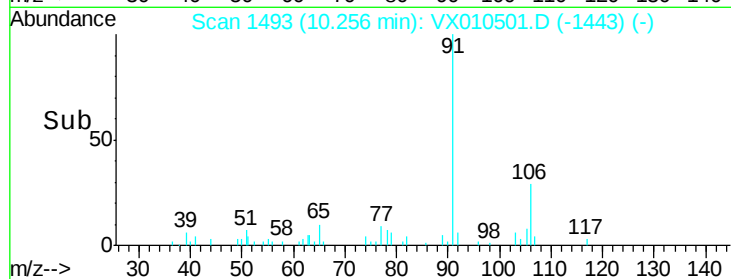
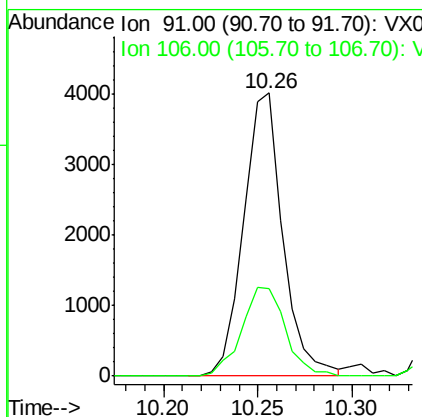
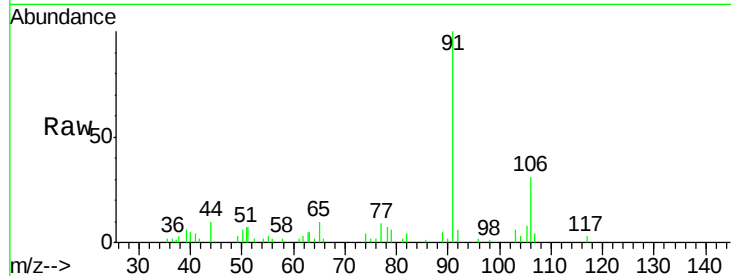




#67
Ethyl Benzene
Concen: 0.451 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VX010501.D
Acq: 27 Jun 2019 20:00

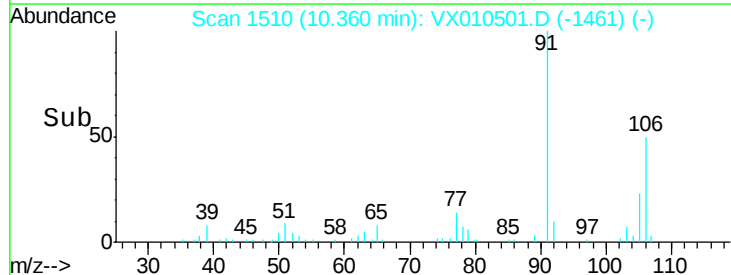
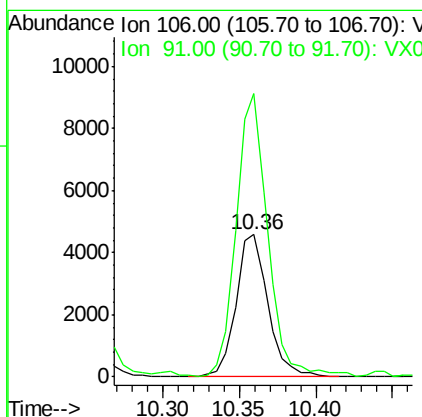
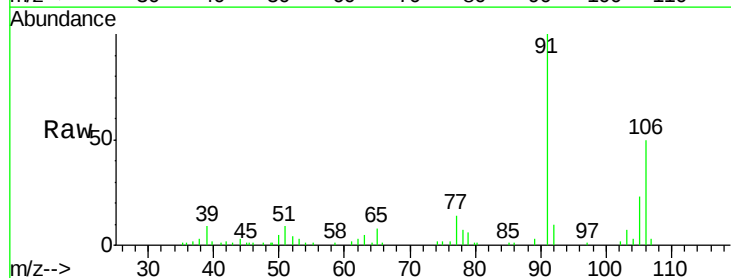
Instrument :
MSVOA_X
ClientSampleId :
PK-10S

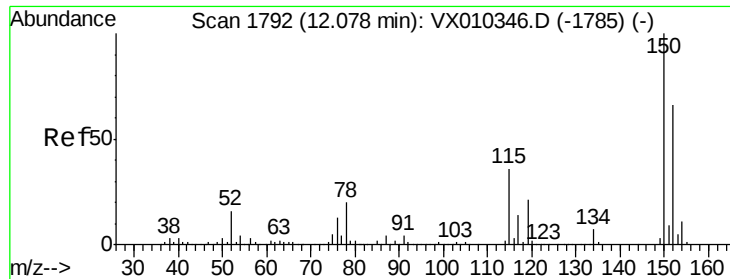
Tot Ion: 91 Resp: 5805
Ion Ratio Lower Upper
91 100
106 30.8 26.2 39.2



#68
m/p-Xylenes
Concen: 1.326 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010501.D
Acq: 27 Jun 2019 20:00

Tgt Ion: 106 Resp: 6615
Ion Ratio Lower Upper
106 100
91 197.0 155.3 232.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010501.D

Acq: 27 Jun 2019 20:00

Instrument :

MSVOA_X

ClientSampleId :

PK-10S

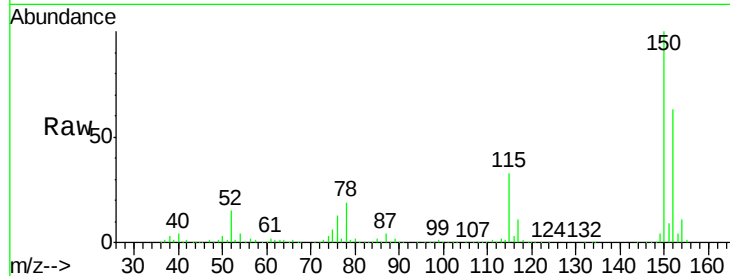
Tot Ion:152 Resp: 171094

Ion Ratio Lower Upper

152 100

115 54.0 38.6 115.7

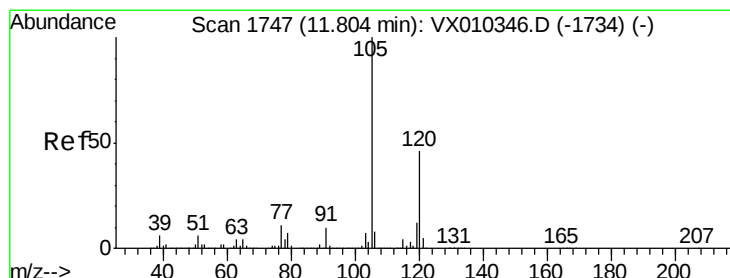
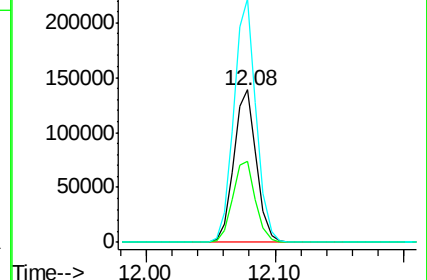
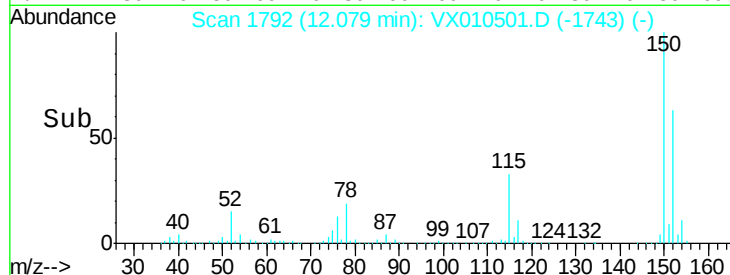
150 157.6 0.0 347.4



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



#84

1,2,4-Trimethylbenzene

Concen: 0.446 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010501.D

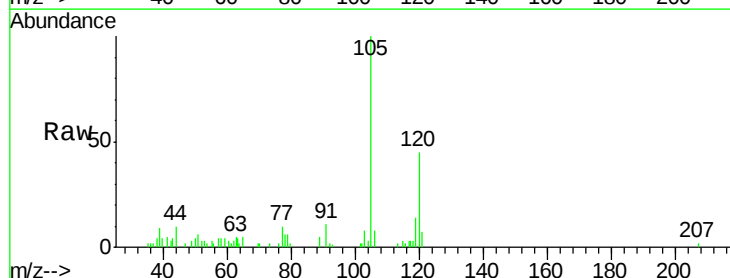
Acq: 27 Jun 2019 20:00

Tgt Ion:105 Resp: 4281

Ion Ratio Lower Upper

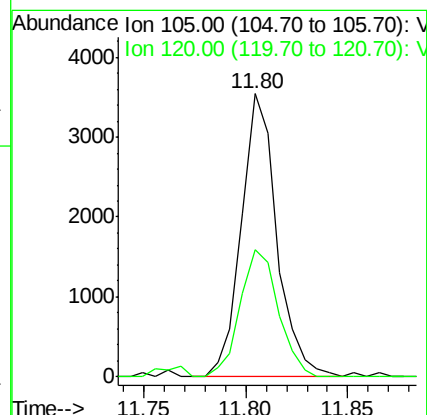
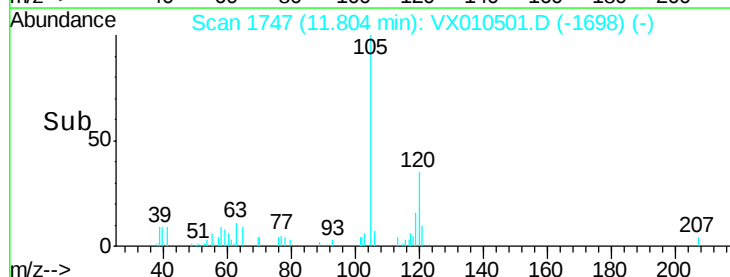
105 100

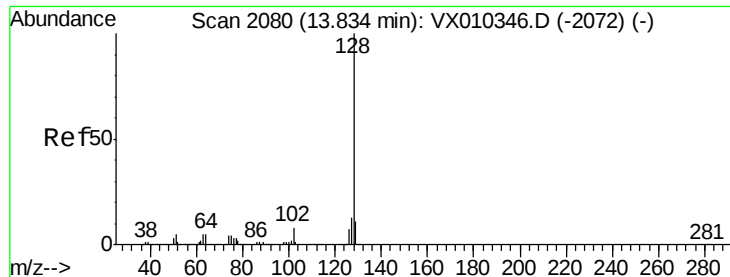
120 48.3 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 0.413 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010501.D

Acq: 27 Jun 2019 20:00

Instrument :

MSVOA_X

ClientSampleId :

PK-10S

Tot Ion:128 Resp: 4945

Ion Ratio Lower Upper

128 100

127 16.2 10.2 15.4#

129 12.1 8.9 13.3

