

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072919\
 Data File : VX011173.D
 Acq On : 30 Jul 2019 03:06
 Operator : JC/SP
 Sample : K4021-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-7

Quant Time: Jul 30 07:10:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

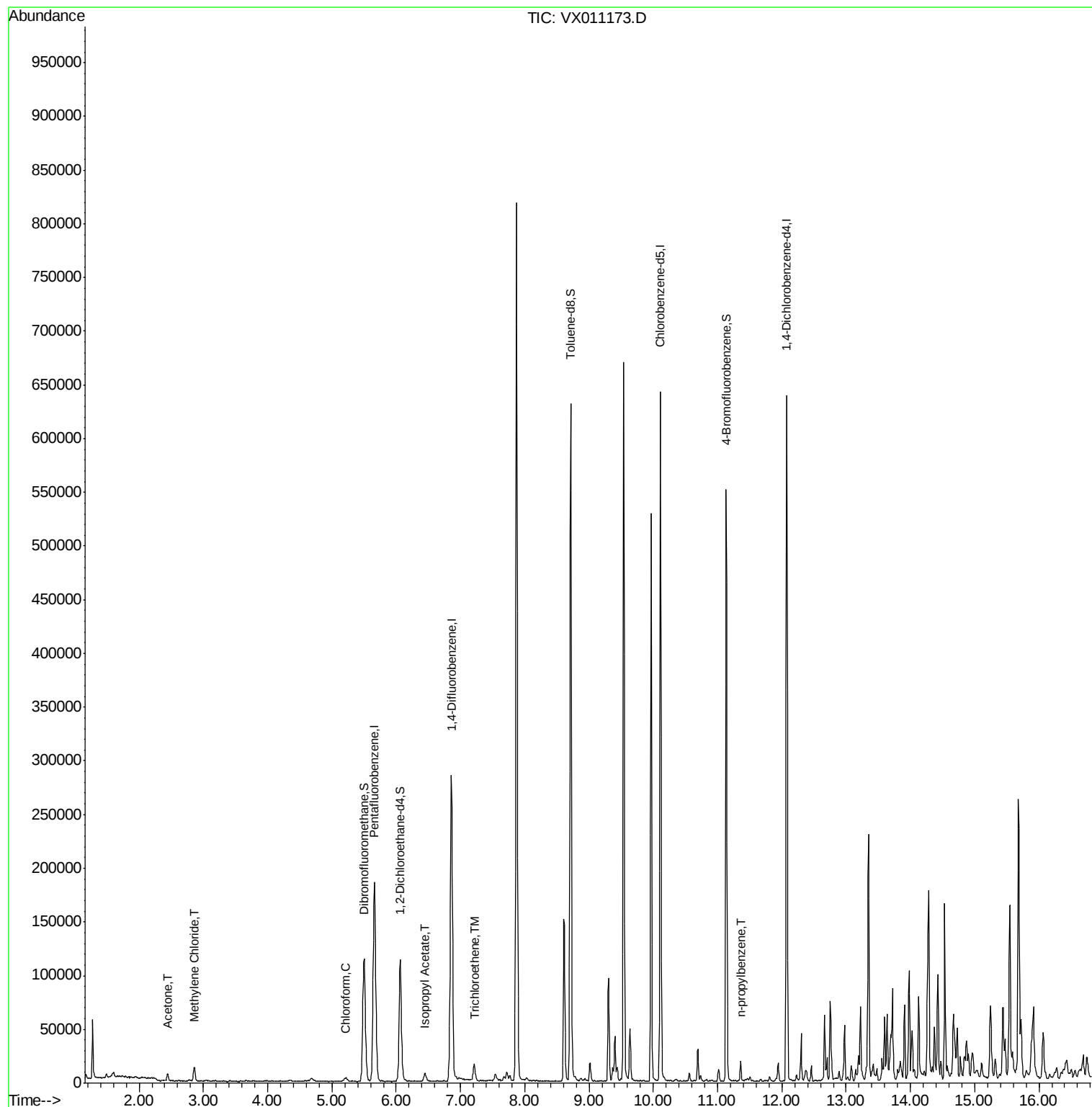
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	185423	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	300088	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	298356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139195	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	104936	53.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.40%	
35) Dibromofluoromethane	5.50	113	96266	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
50) Toluene-d8	8.71	98	378439	52.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.94%	
62) 4-Bromofluorobenzene	11.13	95	133046	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	7012	7.870	ug/l	95
20) Methylene Chloride	2.86	84	6686	3.541	ug/l	97
30) Chloroform	5.21	83	3766	1.186	ug/l	94
43) Isopropyl Acetate	6.45	43	10267	2.474	ug/l	97
44) Trichloroethene	7.21	130	6279	2.809	ug/l	96
78) n-propylbenzene	11.36	91	10558	1.016	ug/l	100

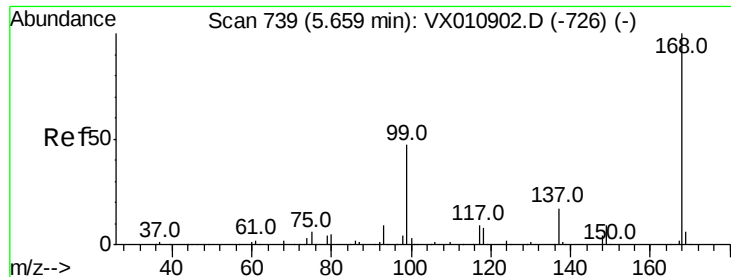
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011173.D

Acq: 30 Jul 2019 03:06

Instrument :

MSVOA_X

ClientSampleId :

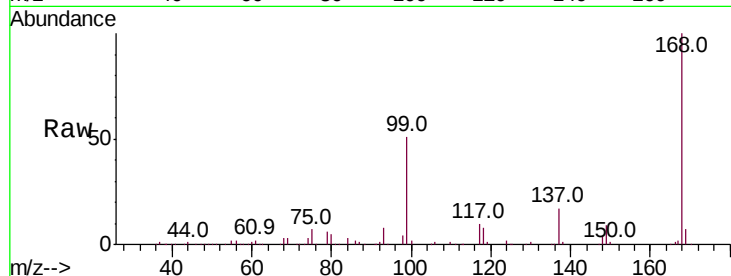
TP-7

Tot Ion:168 Resp: 185423

Ion Ratio Lower Upper

168 100

99 51.2 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

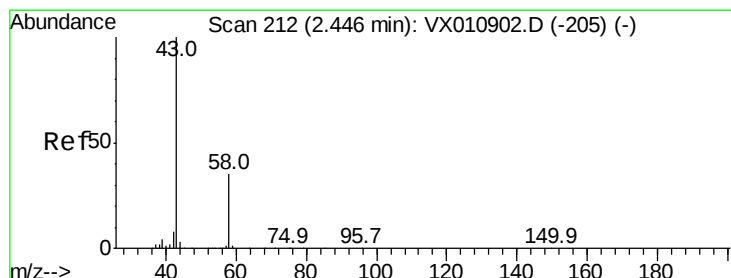
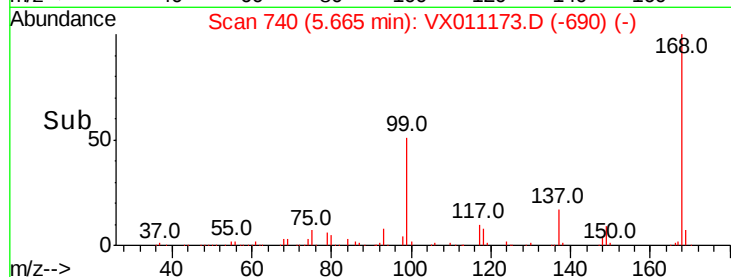
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.870 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX011173.D

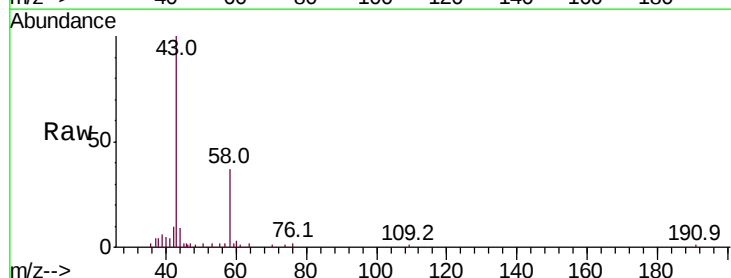
Acq: 30 Jul 2019 03:06

Tgt Ion: 43 Resp: 7012

Ion Ratio Lower Upper

43 100

58 37.4 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

5000

4000

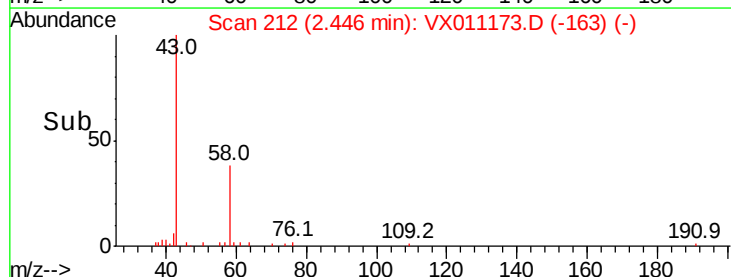
3000

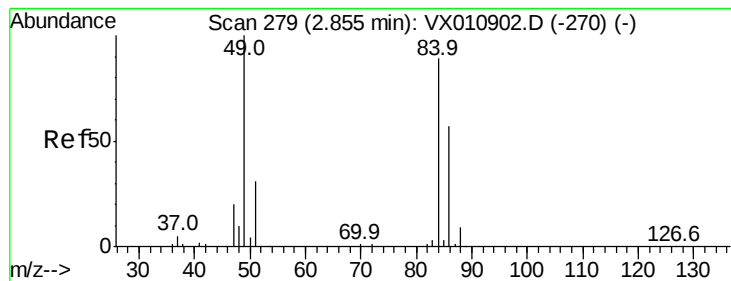
2000

1000

0

Time--> 2.40 2.45 2.50





#20

Methylene Chloride

Concen: 3.541 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX011173.D

Acq: 30 Jul 2019 03:06

Instrument :

MSVOA_X

ClientSampleId :

TP-7

Tot Ion: 84 Resp: 6686

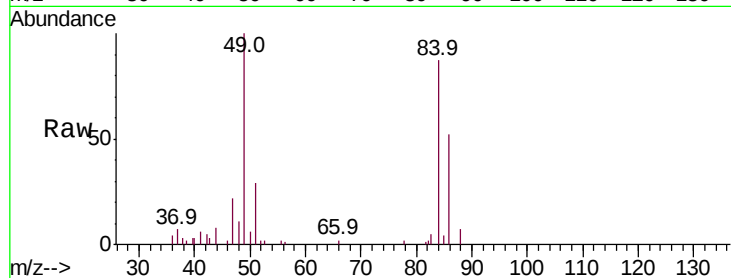
Ion Ratio Lower Upper

84 100

49 112.6 89.9 134.9

51 31.8 27.8 41.6

86 60.2 51.8 77.6

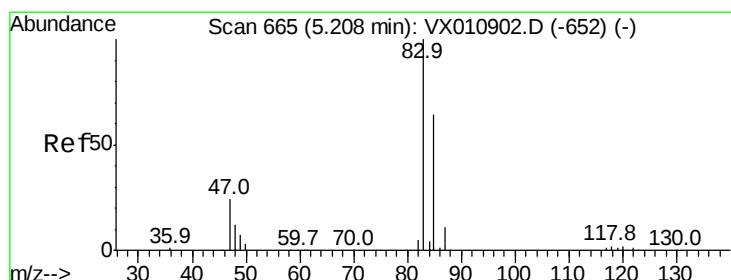
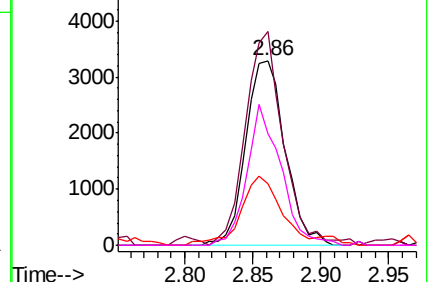
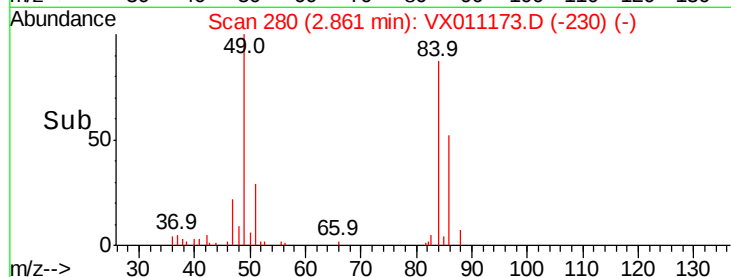


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#30

Chloroform

Concen: 1.186 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX011173.D

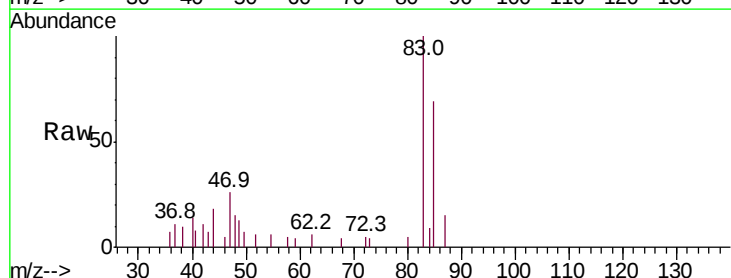
Acq: 30 Jul 2019 03:06

Tgt Ion: 83 Resp: 3766

Ion Ratio Lower Upper

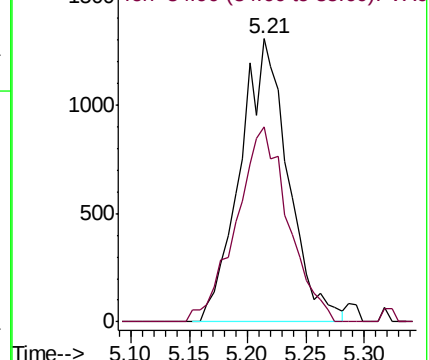
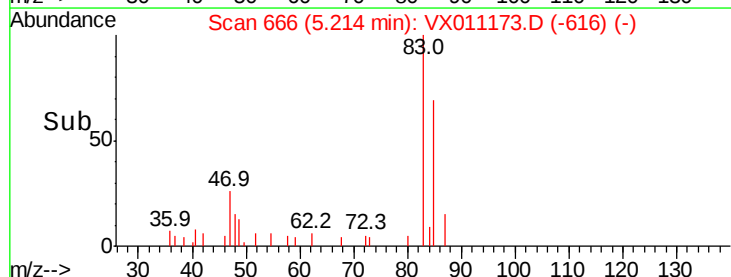
83 100

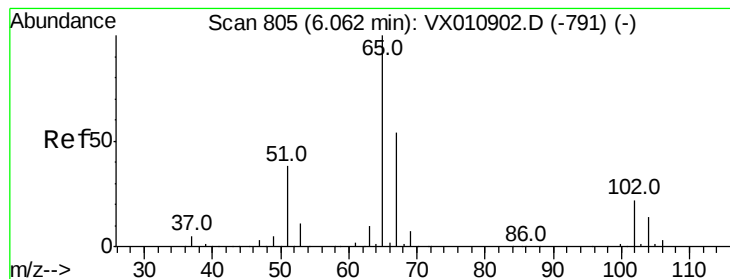
85 68.8 51.4 77.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 53.196 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011173.D

Acq: 30 Jul 2019 03:06

Instrument :

MSVOA_X

ClientSampleId :

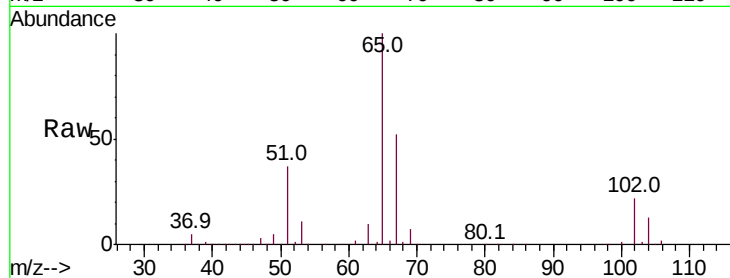
TP-7

Tot Ion: 65 Resp: 104936

Ion Ratio Lower Upper

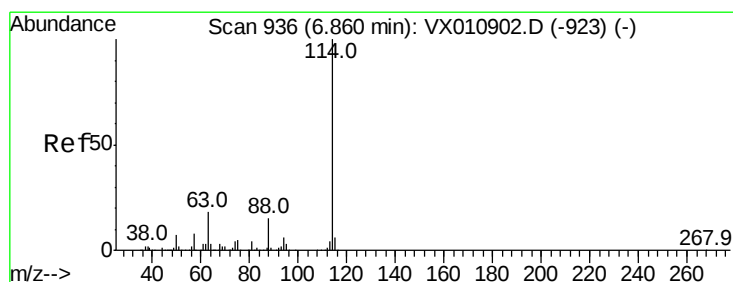
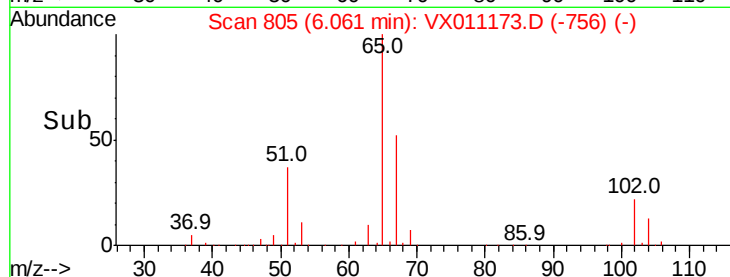
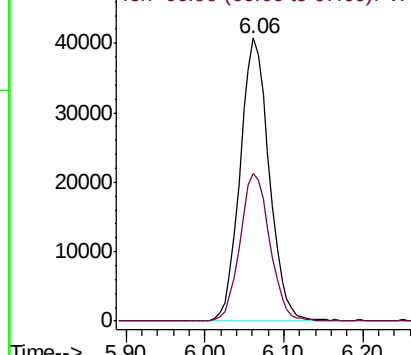
65 100

67 53.1 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011173.D

Acq: 30 Jul 2019 03:06

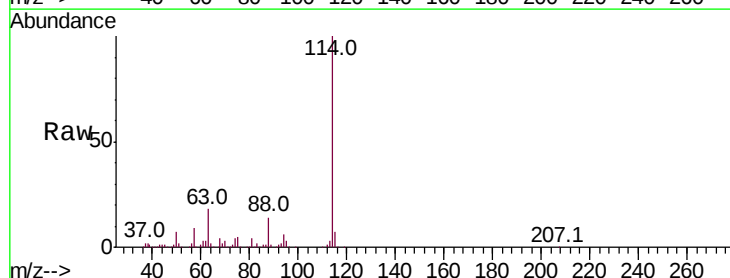
Tgt Ion:114 Resp: 300088

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.6

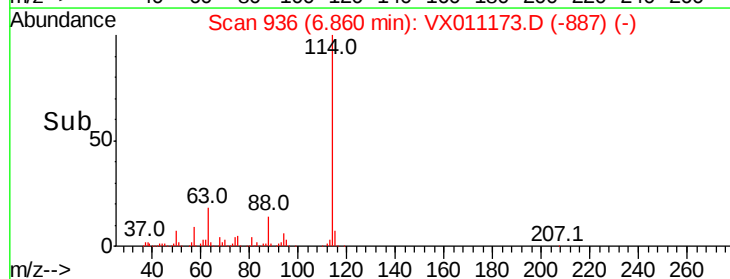
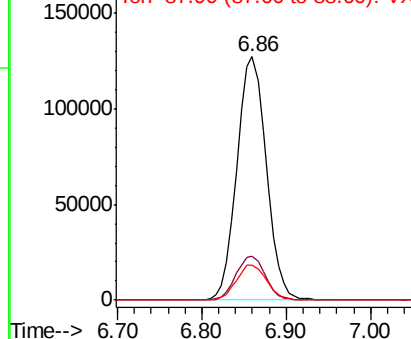
88 14.3 0.0 29.8

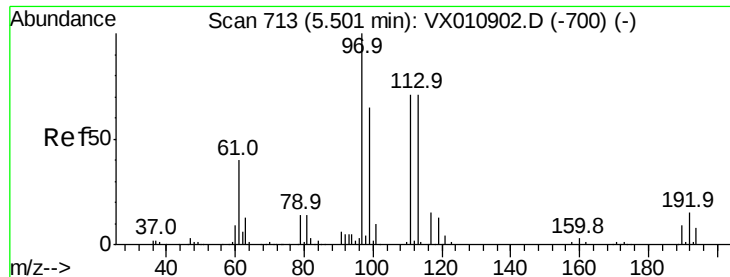


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.541 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011173.D

Acq: 30 Jul 2019 03:06

Instrument :

MSVOA_X

ClientSampleId :

TP-7

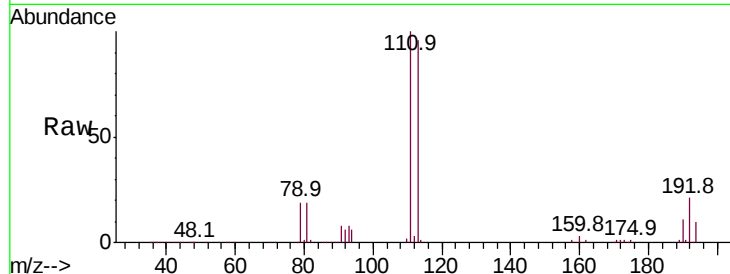
Tot Ion:113 Resp: 96266

Ion Ratio Lower Upper

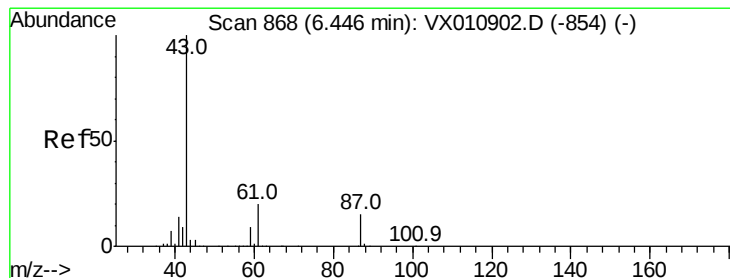
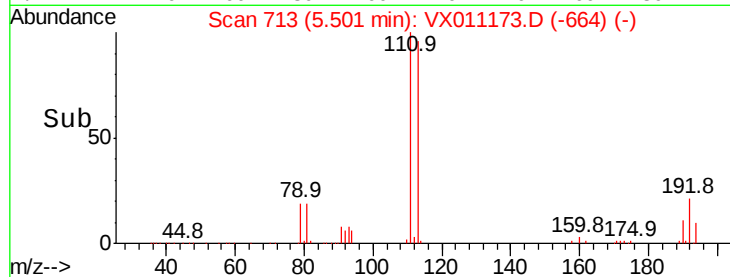
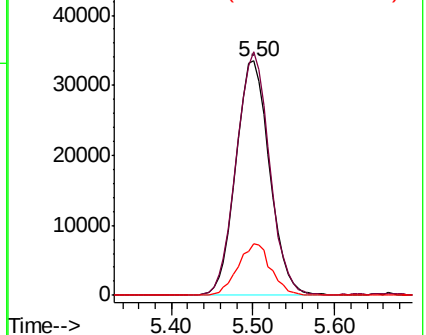
113 100

111 102.5 82.3 123.5

192 21.7 17.4 26.2



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



#43

Isopropyl Acetate

Concen: 2.474 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX011173.D

Acq: 30 Jul 2019 03:06

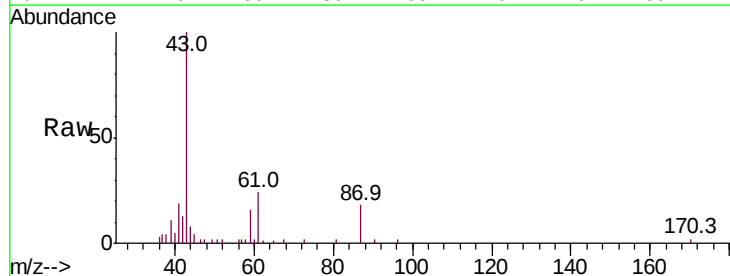
Tgt Ion: 43 Resp: 10267

Ion Ratio Lower Upper

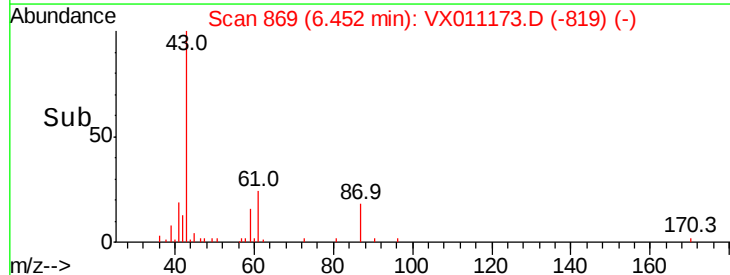
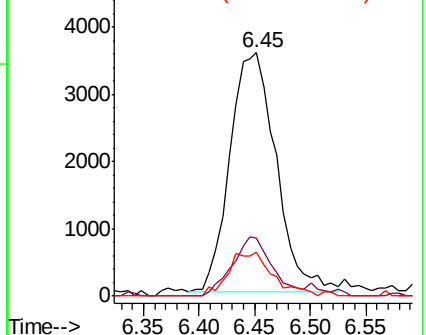
43 100

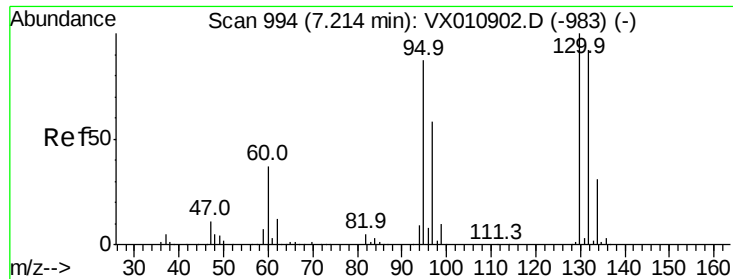
61 21.4 17.1 25.7

87 17.5 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

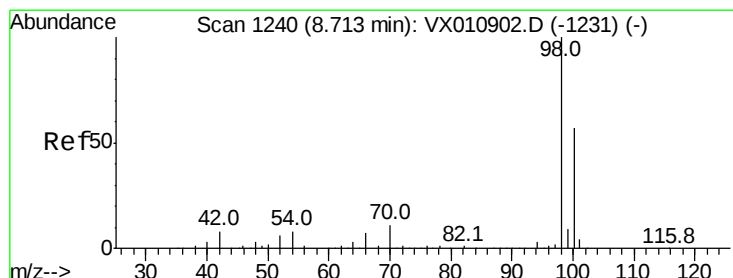
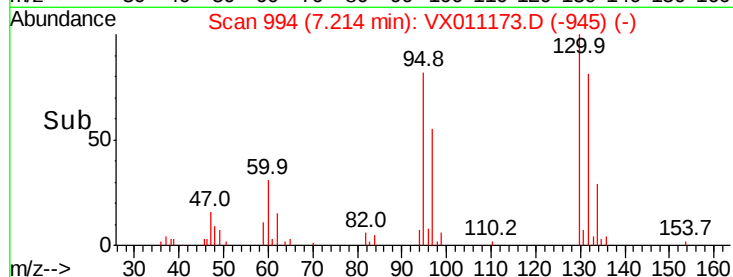
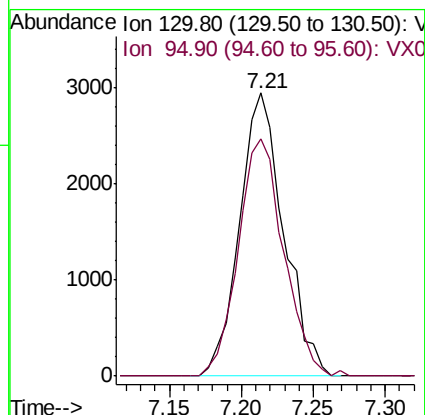
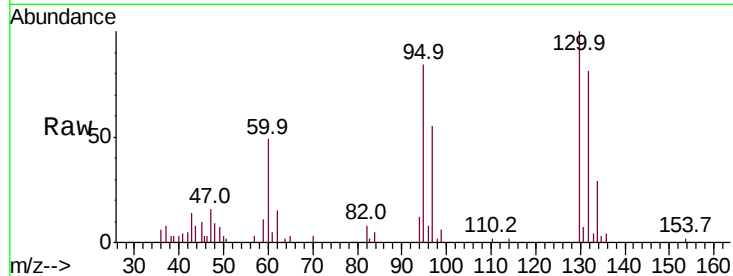




#44
 Trichloroethene
 Concen: 2.809 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX011173.D
 Acq: 30 Jul 2019 03:06

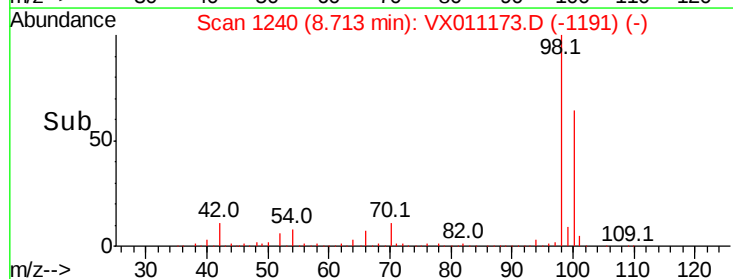
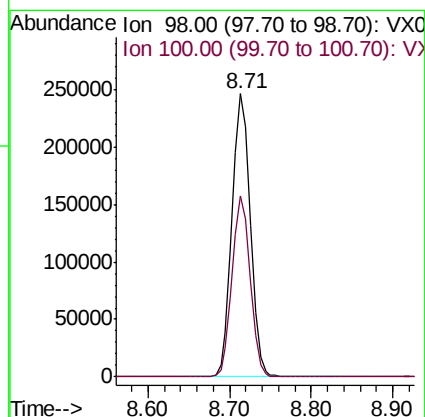
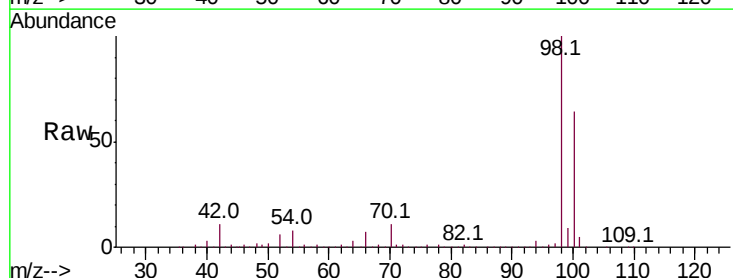
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-7

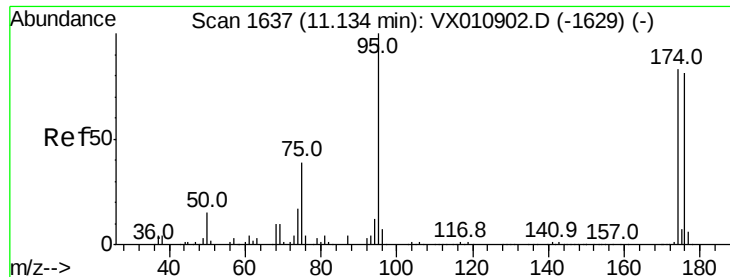
Tot Ion:130 Resp: 6279
 Ion Ratio Lower Upper
 130 100
 95 83.7 0.0 174.8



#50
 Toluene-d8
 Concen: 52.974 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX011173.D
 Acq: 30 Jul 2019 03:06

Tgt Ion: 98 Resp: 378439
 Ion Ratio Lower Upper
 98 100
 100 63.5 50.6 75.8





#62

4-Bromofluorobenzene

Concen: 50.667 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011173.D

Acq: 30 Jul 2019 03:06

Instrument :

MSVOA_X

ClientSampled :

TP-7

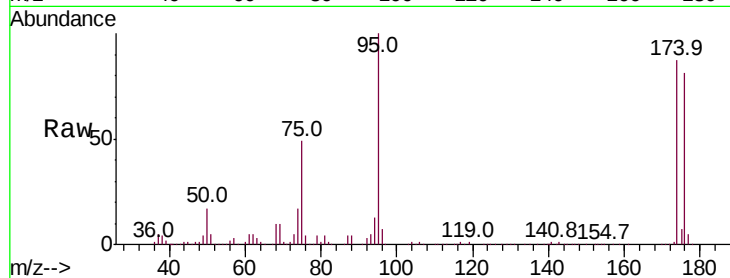
Tot Ion: 95 Resp: 133046

Ion Ratio Lower Upper

95 100

174 91.1 0.0 180.6

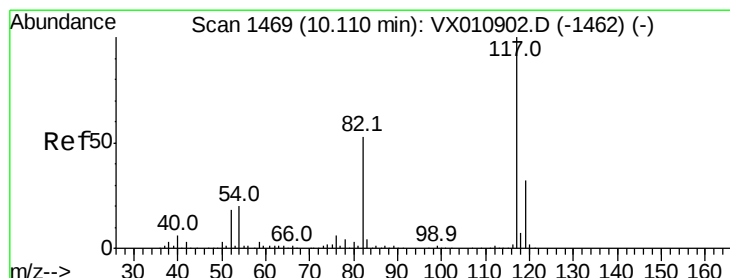
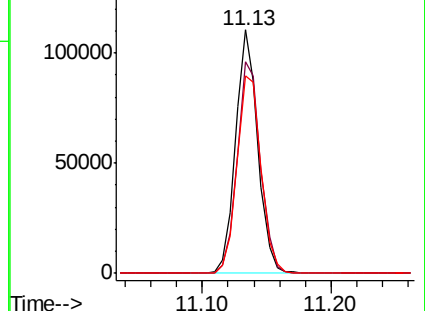
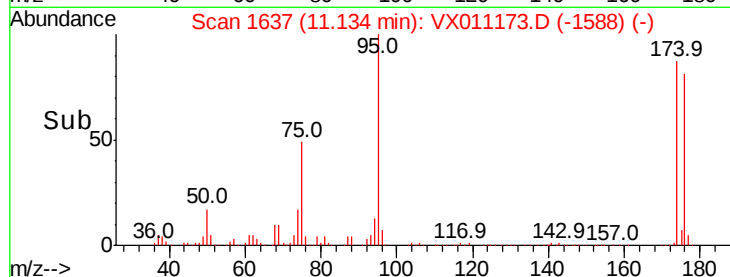
176 87.9 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011173.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011173.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011173.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011173.D

Acq: 30 Jul 2019 03:06

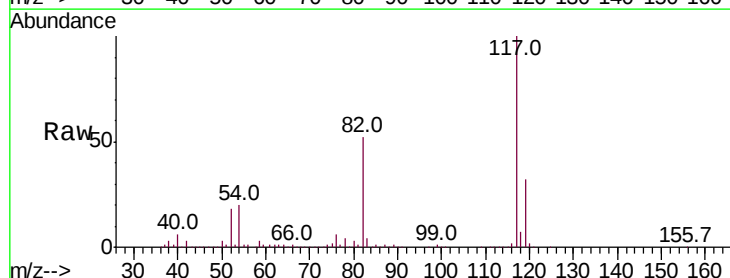
Tgt Ion: 117 Resp: 298356

Ion Ratio Lower Upper

117 100

82 52.5 42.6 63.8

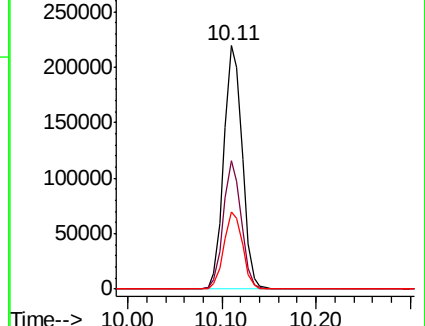
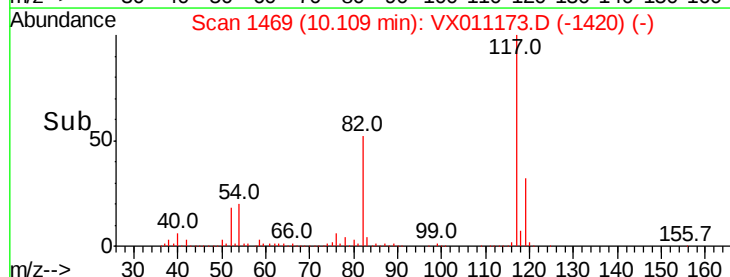
119 31.8 25.9 38.9

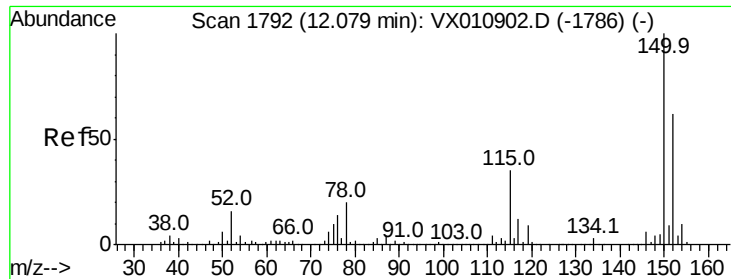


Abundance Ion 116.90 (116.60 to 117.60): VX011173.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011173.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011173.D (-1420) (-)



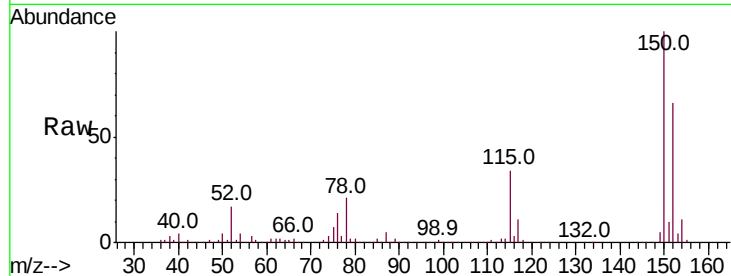


#72

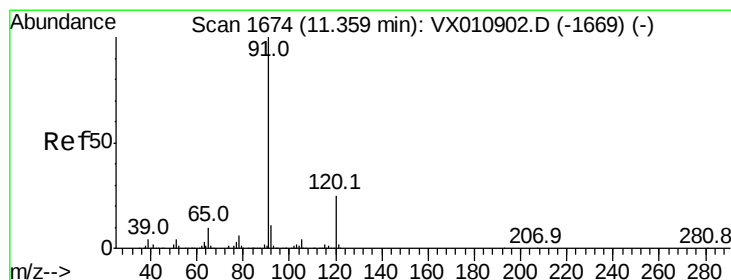
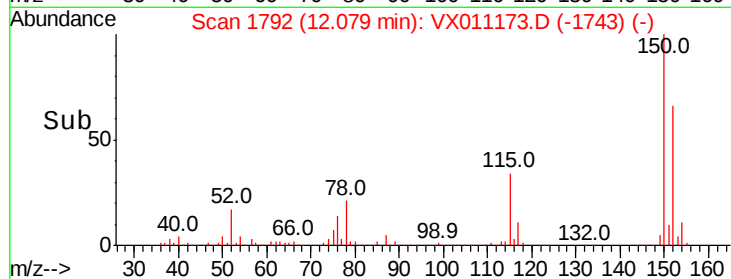
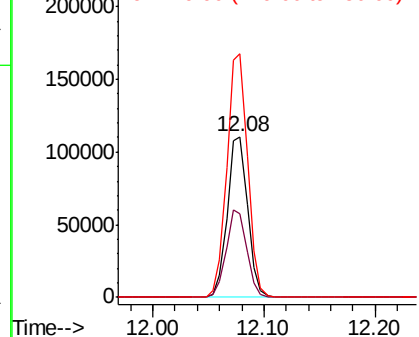
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011173.D
Acq: 30 Jul 2019 03:06

Instrument :
MSVOA_X
ClientSampled :
TP-7

Tot Ion:152 Resp: 139195
Ion Ratio Lower Upper
152 100
115 55.1 39.7 119.1
150 154.7 0.0 345.6



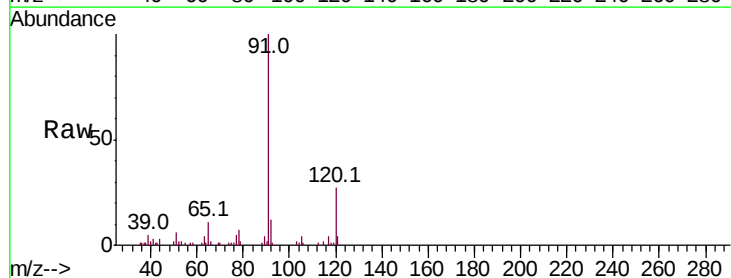
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#78

n-propylbenzene
Concen: 1.016 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX011173.D
Acq: 30 Jul 2019 03:06

Tgt Ion: 91 Resp: 10558
Ion Ratio Lower Upper
91 100
120 24.4 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V

