

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070919\
 Data File : VX010753.D
 Acq On : 09 Jul 2019 16:11
 Operator : JC/SP
 Sample : K3664-02DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0580DL

Quant Time: Jul 11 12:21:05 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

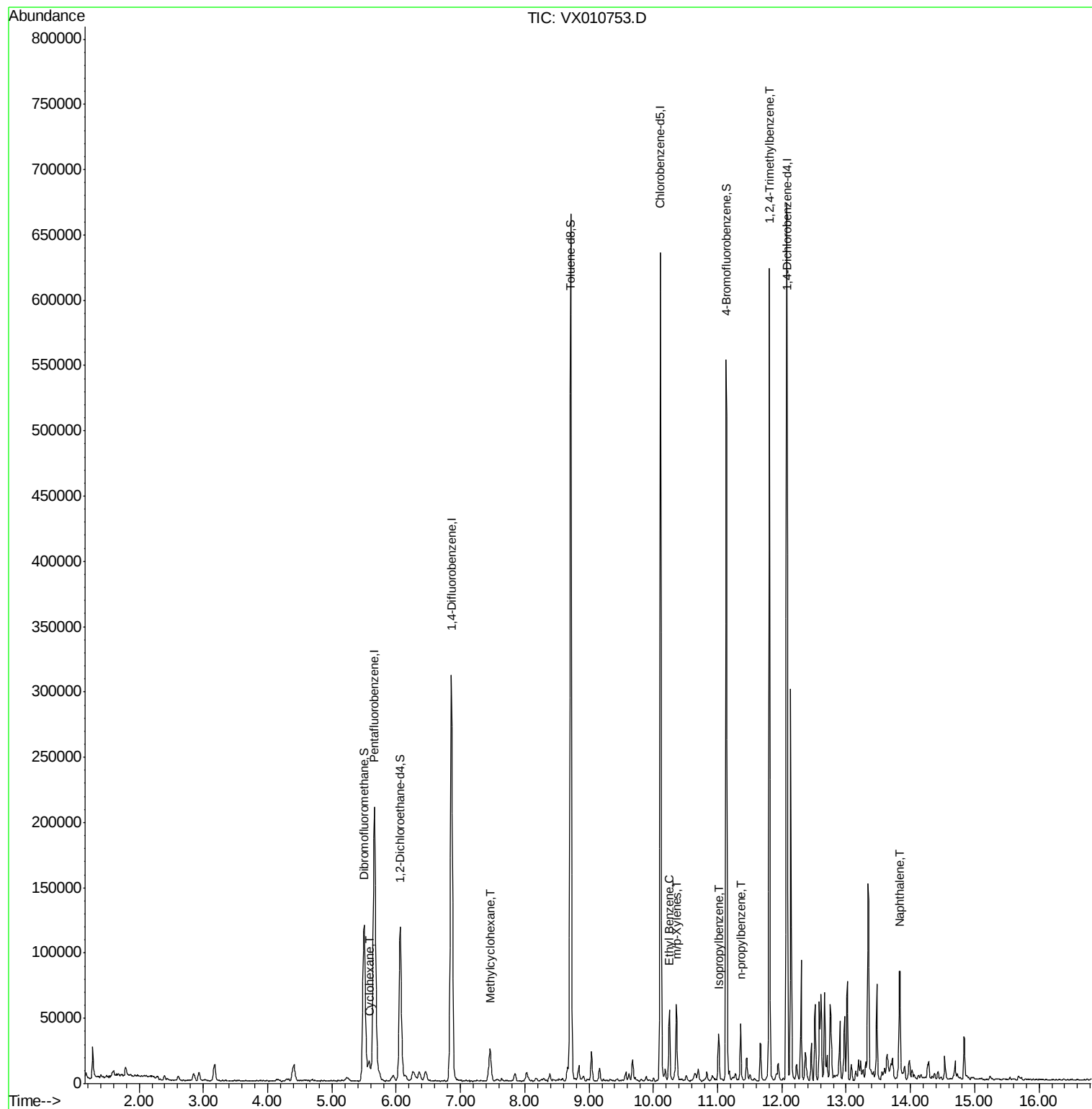
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	214450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	330954	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	309687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	149086	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	108401	53.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.82%	
35) Dibromofluoromethane	5.50	113	101873	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
50) Toluene-d8	8.71	98	402267	51.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.86%	
62) 4-Bromofluorobenzene	11.13	95	137741	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.58	56	9370	3.226	ug/l	94
39) Methylcyclohexane	7.46	83	11338	3.280	ug/l	94
67) Ethyl Benzene	10.25	91	31349	2.953	ug/l	99
68) m/p-Xylenes	10.36	106	11828	2.876	ug/l	91
73) Isopropylbenzene	11.02	105	18556	1.836	ug/l	98
78) n-propylbenzene	11.36	91	26451	2.381	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	266684	31.860	ug/l	100
95) Naphthalene	13.83	128	54514	5.225	ug/l	98

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

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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: VX010753.D

Acq: 09 Jul 2019 16:11

Instrument :

MSVOA_X

ClientSampleId :

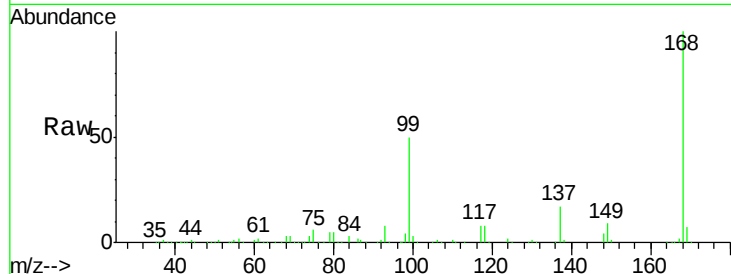
FL-0580DL

Tot Ion:168 Resp: 214450

Ion Ratio Lower Upper

168 100

99 49.8 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

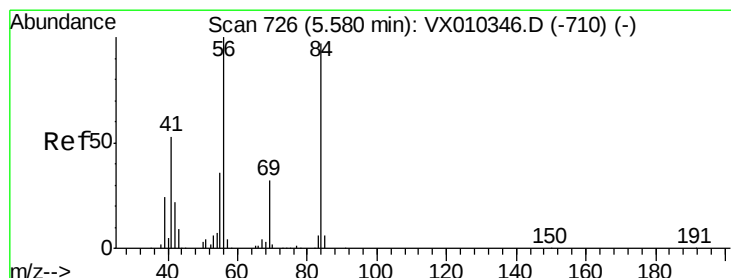
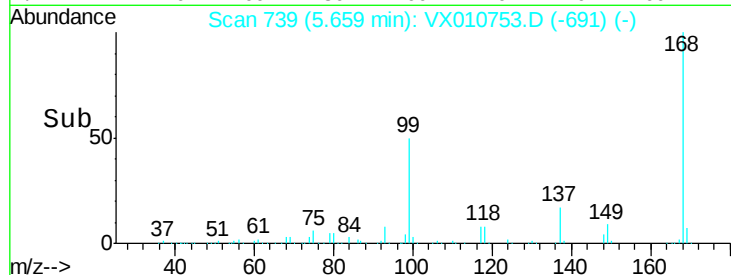
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#31

Cyclohexane

Concen: 3.226 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010753.D

Acq: 09 Jul 2019 16:11

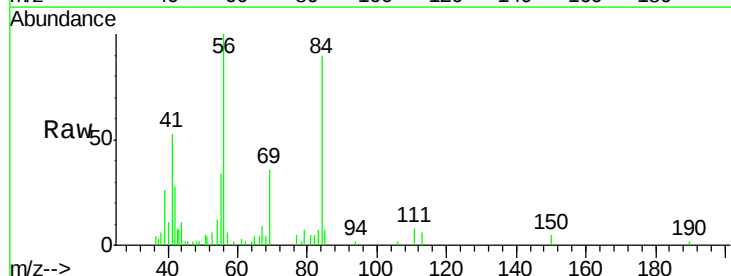
Tgt Ion: 56 Resp: 9370

Ion Ratio Lower Upper

56 100

69 36.3 25.9 38.9

84 91.3 78.0 117.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

5.58

4000

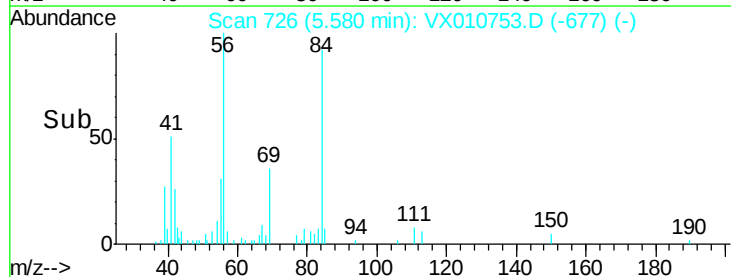
3000

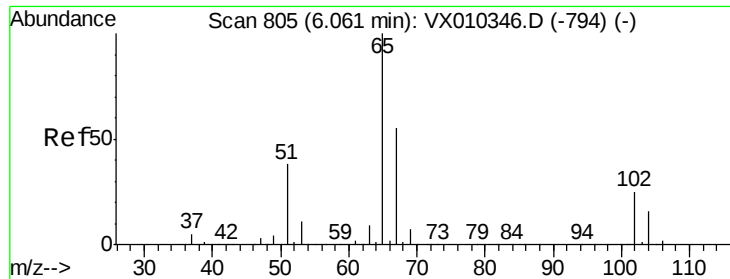
2000

1000

0

Time--> 5.50 5.55 5.60 5.65

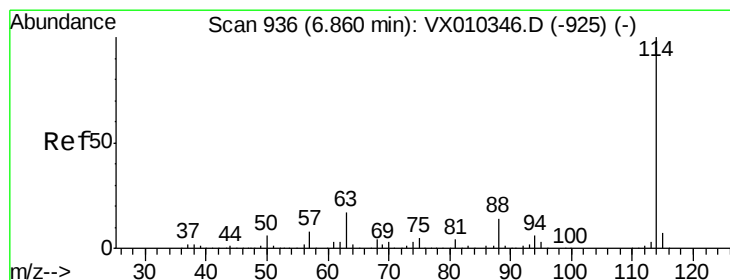
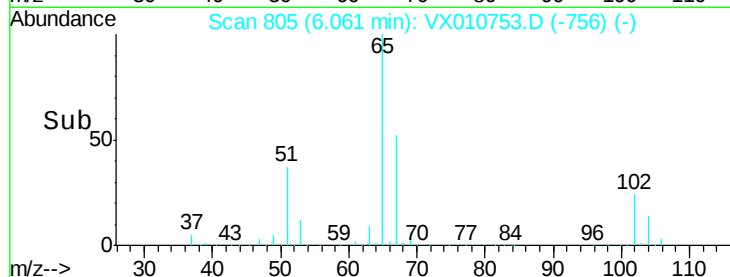
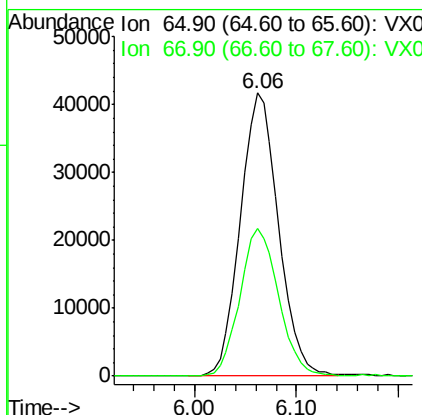
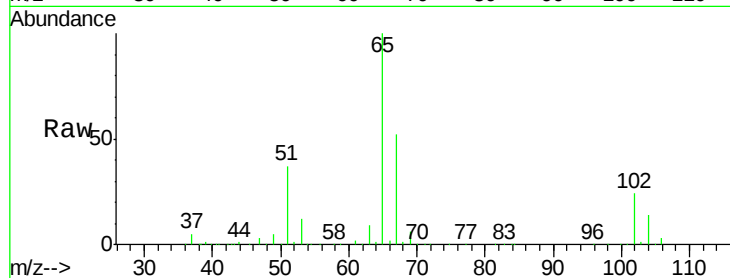




#33
 1,2-Dichloroethane-d4
 Concen: 53.913 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010753.D
 Acq: 09 Jul 2019 16:11

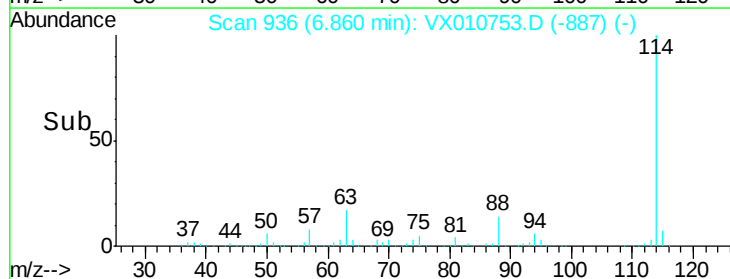
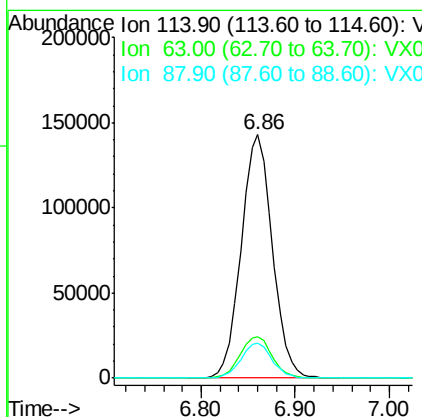
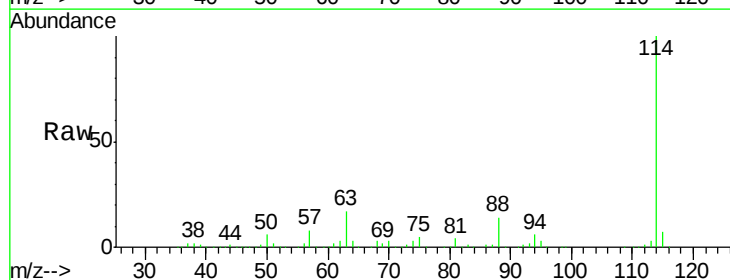
Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0580DL

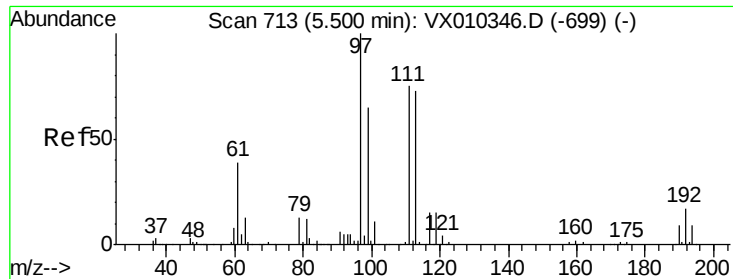
Tot Ion: 65 Resp: 108401
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010753.D
 Acq: 09 Jul 2019 16:11

Tgt Ion: 114 Resp: 330954
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 33.8
 88 14.4 0.0 27.6





#35

Dibromofluoromethane

Concen: 50.310 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010753.D

Acq: 09 Jul 2019 16:11

Instrument :

MSVOA_X

ClientSampleId :

FL-0580DL

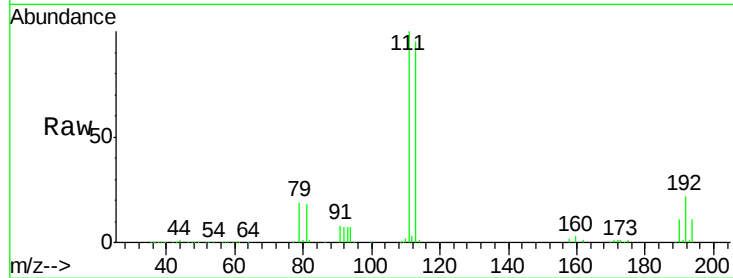
Tot Ion:113 Resp: 101873

Ion Ratio Lower Upper

113 100

111 102.1 81.2 121.8

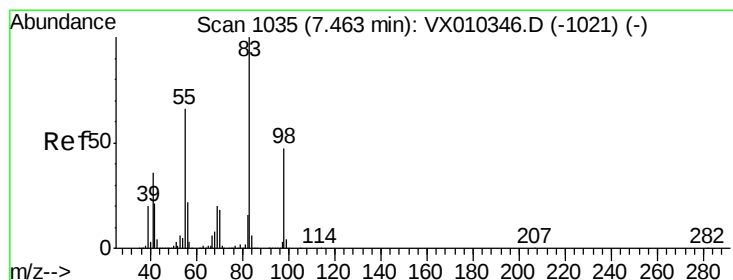
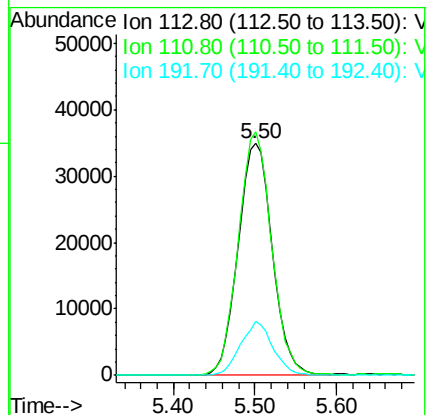
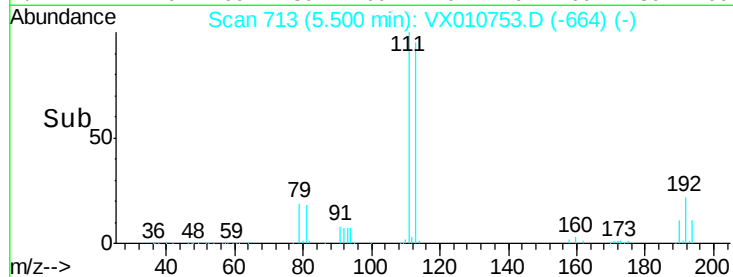
192 22.1 18.6 27.8



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: 3.280 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX010753.D

Acq: 09 Jul 2019 16:11

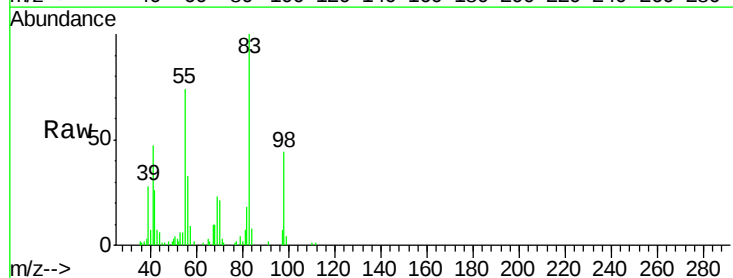
Tgt Ion: 83 Resp: 11338

Ion Ratio Lower Upper

83 100

55 72.1 53.0 79.6

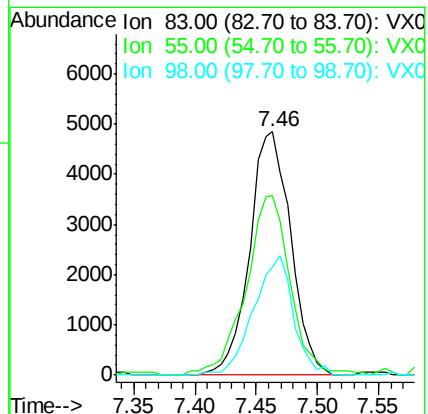
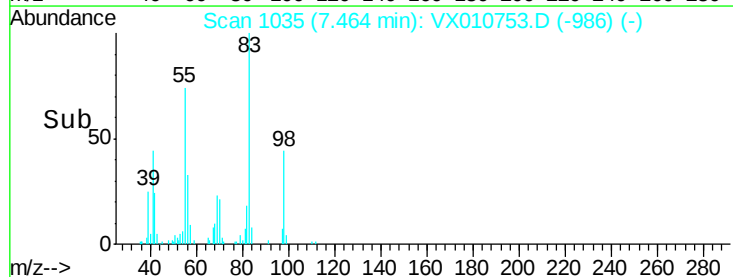
98 44.1 37.8 56.8

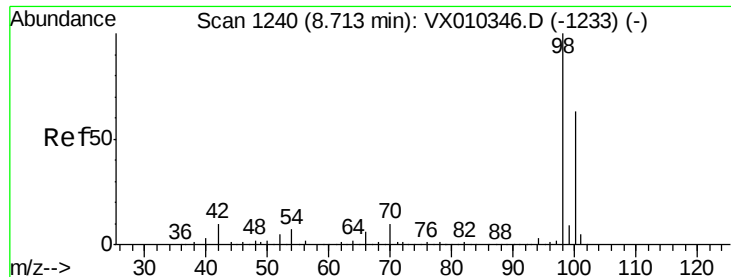


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

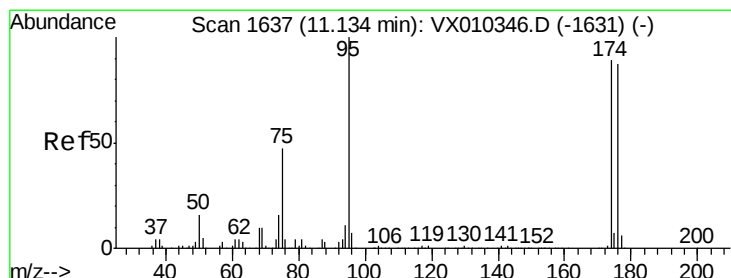
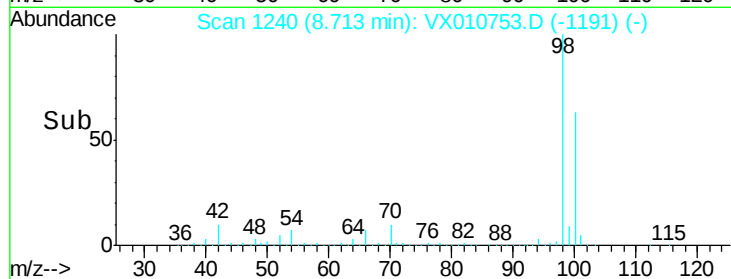
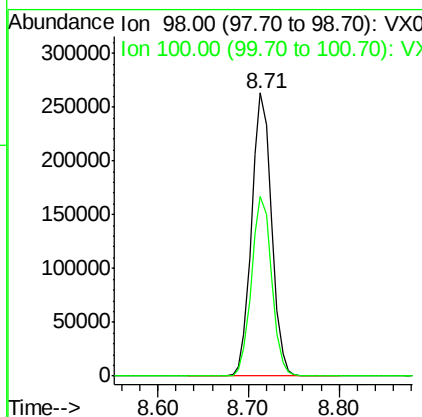
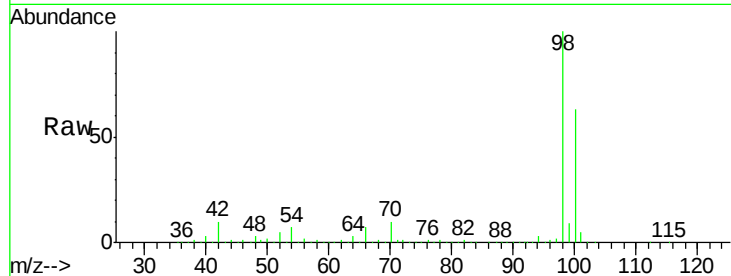




#50
Toluene-d8
Concen: 51.926 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010753.D
Acq: 09 Jul 2019 16:11

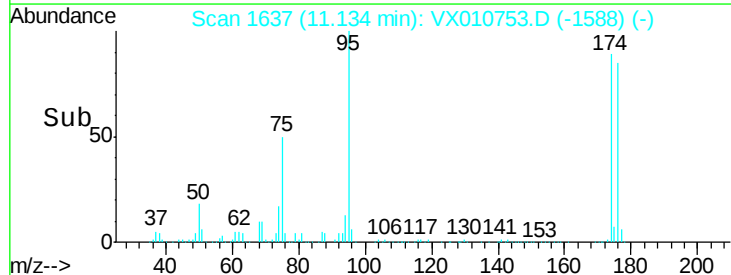
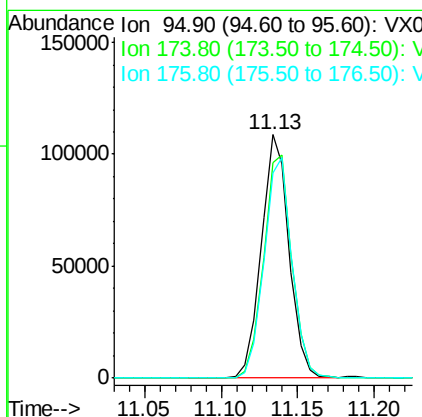
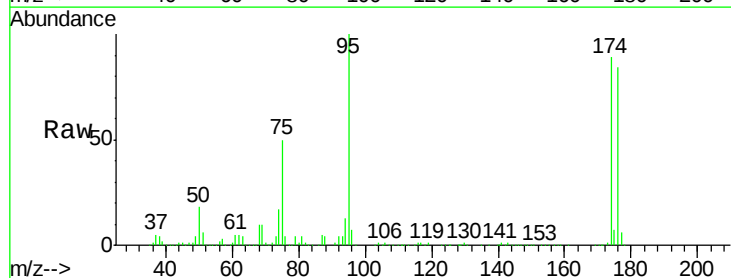
Instrument :
MSVOA_X
ClientSampleId :
FL-0580DL

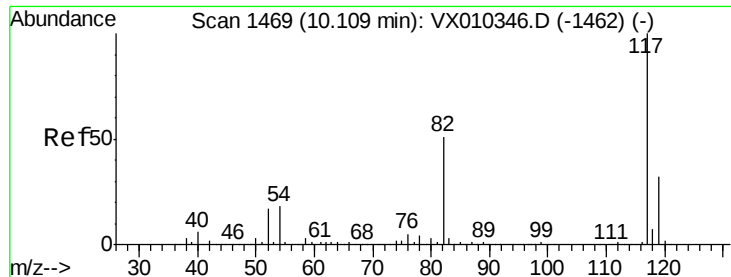
Tot Ion: 98 Resp: 402267
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 49.249 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010753.D
Acq: 09 Jul 2019 16:11

Tgt Ion: 95 Resp: 137741
Ion Ratio Lower Upper
95 100
174 94.0 0.0 187.6
176 91.6 0.0 184.0

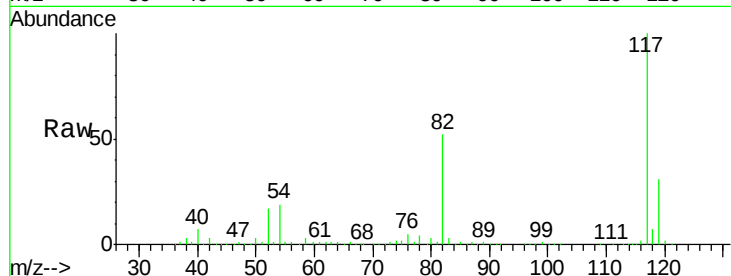




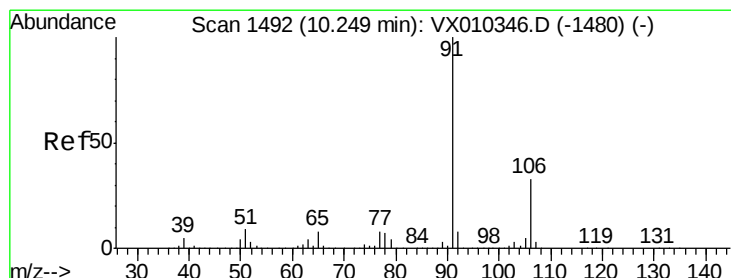
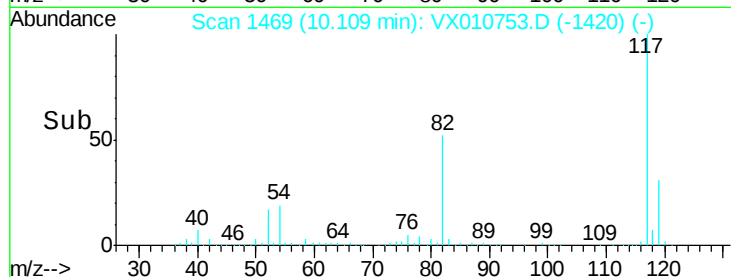
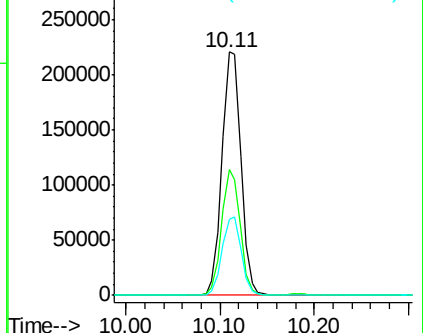
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010753.D
Acq: 09 Jul 2019 16:11

Instrument :
MSVOA_X
ClientSampleId :
FL-0580DL

Tot Ion:117 Resp: 309687
Ion Ratio Lower Upper
117 100
82 51.5 41.2 61.8
119 31.3 25.5 38.3

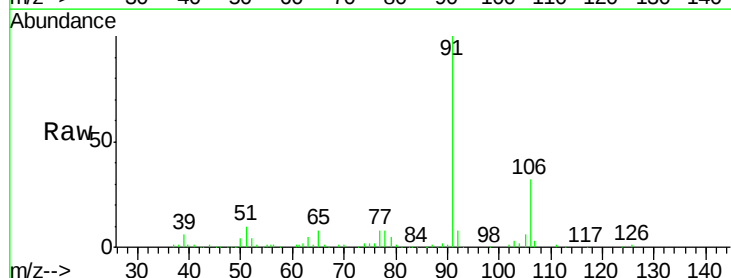


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

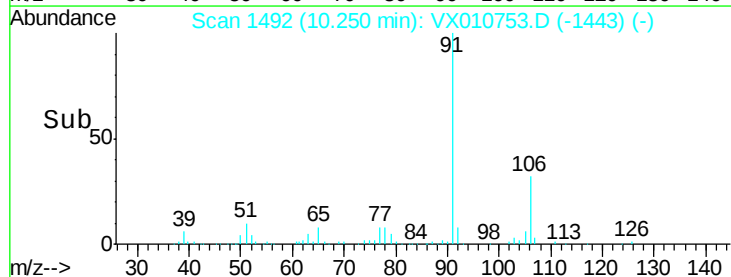
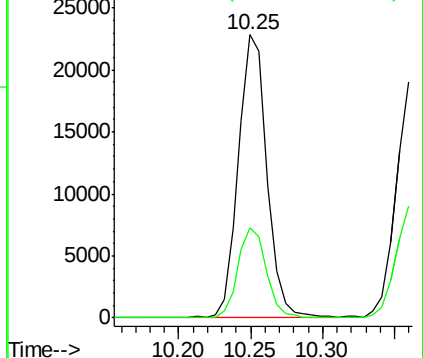


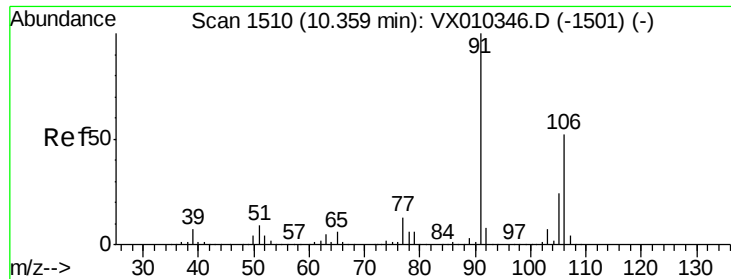
#67
Ethyl Benzene
Concen: 2.953 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010753.D
Acq: 09 Jul 2019 16:11

Tgt Ion: 91 Resp: 31349
Ion Ratio Lower Upper
91 100
106 32.1 26.2 39.2



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

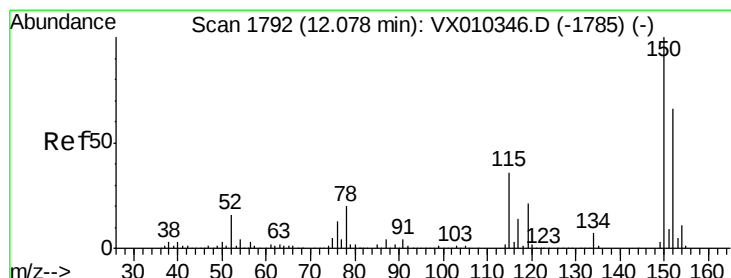
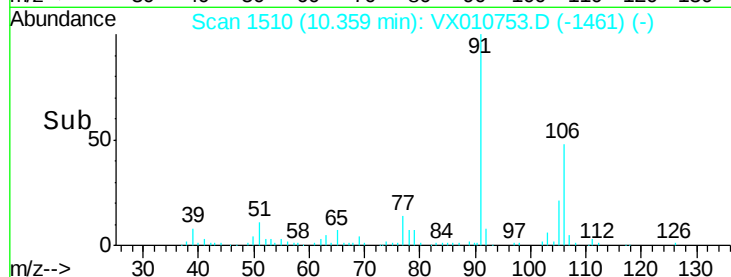
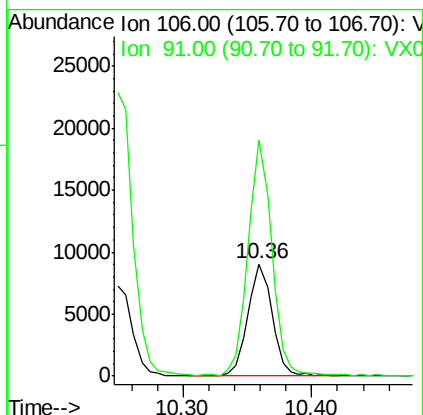
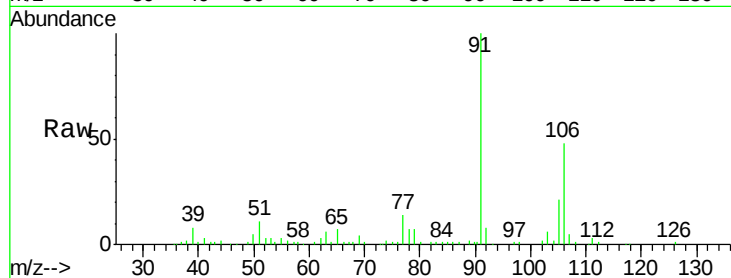




#68
m/p-Xvlenes
Concen: 2.876 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010753.D
Acq: 09 Jul 2019 16:11

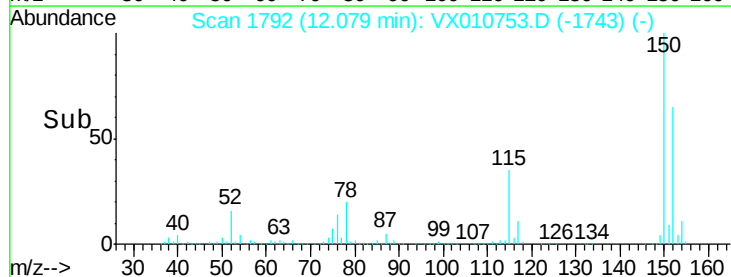
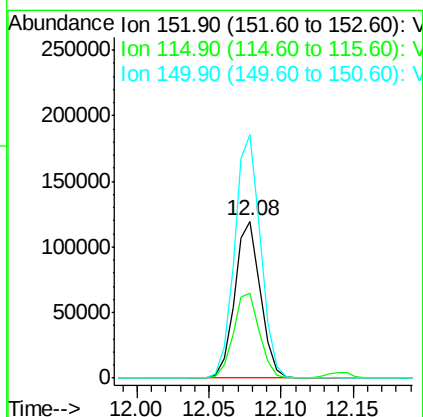
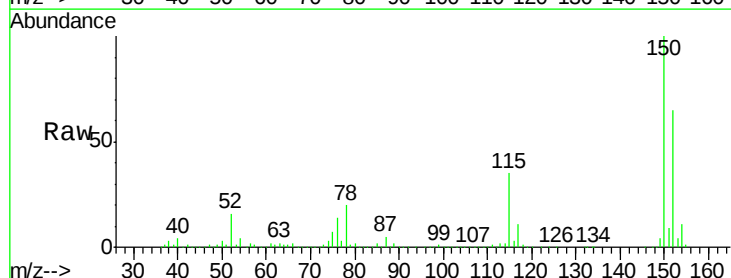
Instrument :
MSVOA_X
ClientSampled :
FL-0580DL

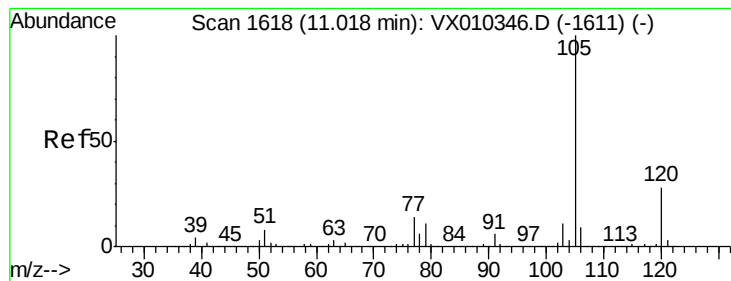
Tot Ion:106 Resp: 11828
Ion Ratio Lower Upper
106 100
91 207.5 155.3 232.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010753.D
Acq: 09 Jul 2019 16:11

Tgt Ion:152 Resp: 149086
Ion Ratio Lower Upper
152 100
115 55.1 38.6 115.7
150 156.7 0.0 347.4





#73

Isopropylbenzene

Concen: 1.836 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010753.D

Acq: 09 Jul 2019 16:11

Instrument :

MSVOA_X

ClientSampleID :

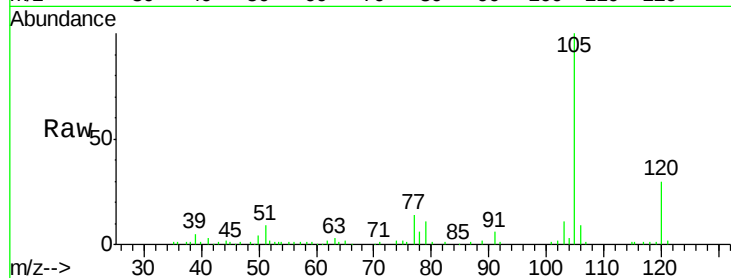
FL-0580DL

Tot Ion: 105 Resp: 18556

Ion Ratio Lower Upper

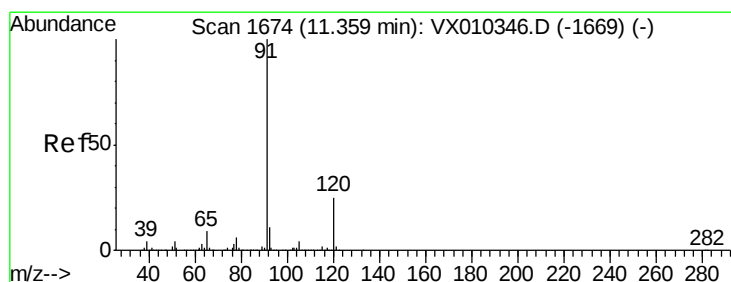
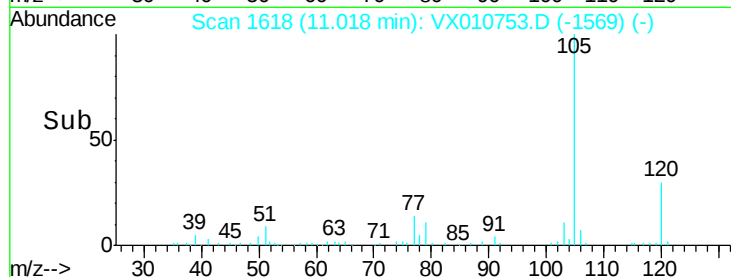
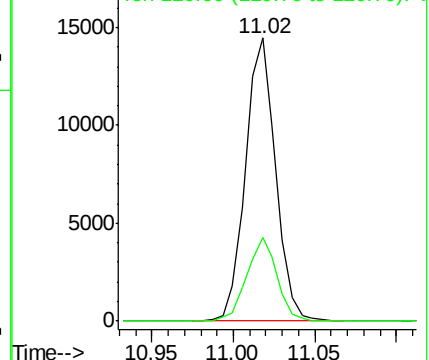
105 100

120 29.5 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 2.381 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010753.D

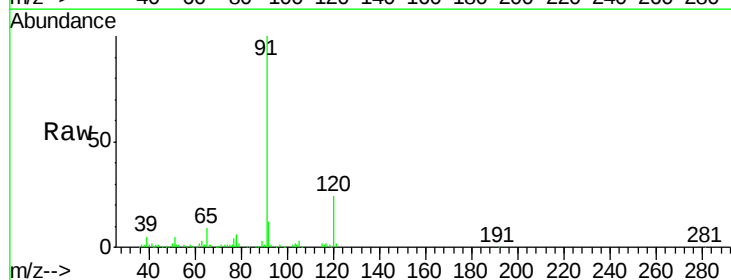
Acq: 09 Jul 2019 16:11

Tgt Ion: 91 Resp: 26451

Ion Ratio Lower Upper

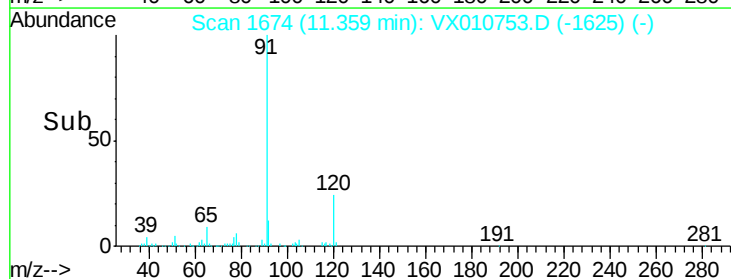
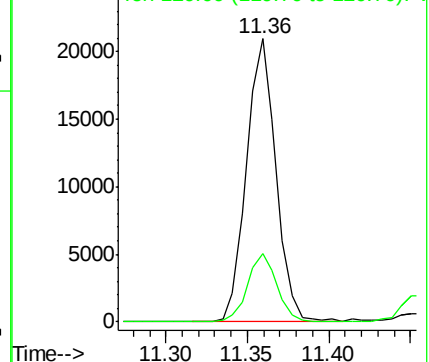
91 100

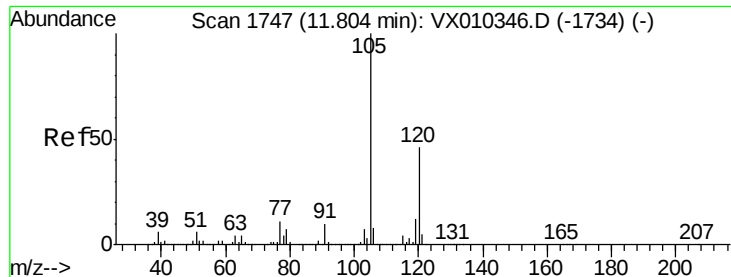
120 24.2 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

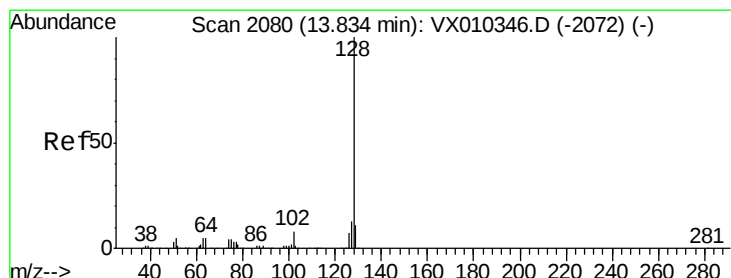
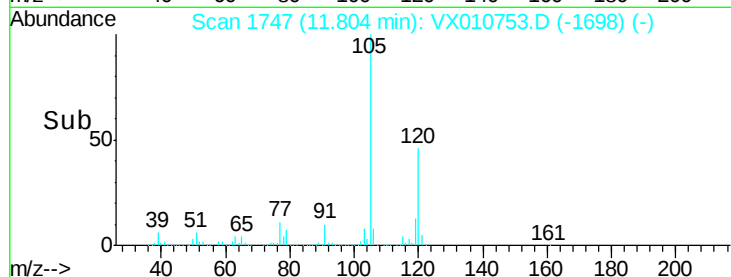
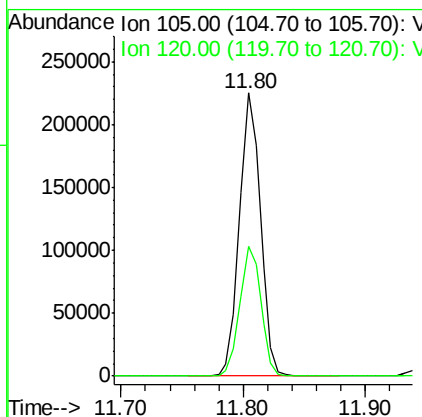
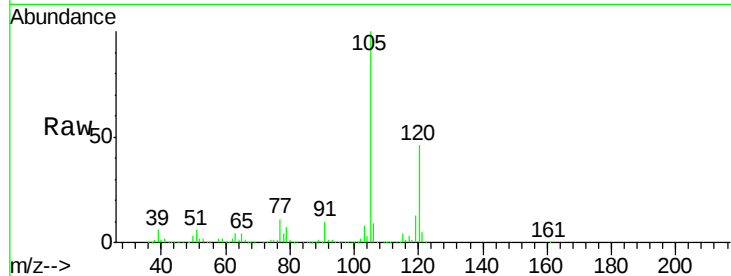




#84
 1,2,4-Trimethylbenzene
 Concen: 31.860 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010753.D
 Acq: 09 Jul 2019 16:11

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0580DL

Tot Ion:105 Resp: 266684
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.1 69.2



#95
 Naphthalene
 Concen: 5.225 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX010753.D
 Acq: 09 Jul 2019 16:11

Tgt Ion:128 Resp: 54514
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.2 15.4
 129 11.9 8.9 13.3

