

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022020\
 Data File : VX014974.D
 Acq On : 20 Feb 2020 12:59
 Operator : JC/SP
 Sample : L1581-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40729

Quant Time: Feb 21 00:57:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	439756	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	702956	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	662685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	358627	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	250611	50.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.00%	
35) Dibromofluoromethane	5.49	113	210674	48.75	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.50%	
50) Toluene-d8	8.71	98	837833	50.79	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.58%	
62) 4-Bromofluorobenzene	11.13	95	321439	54.09	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.18%	

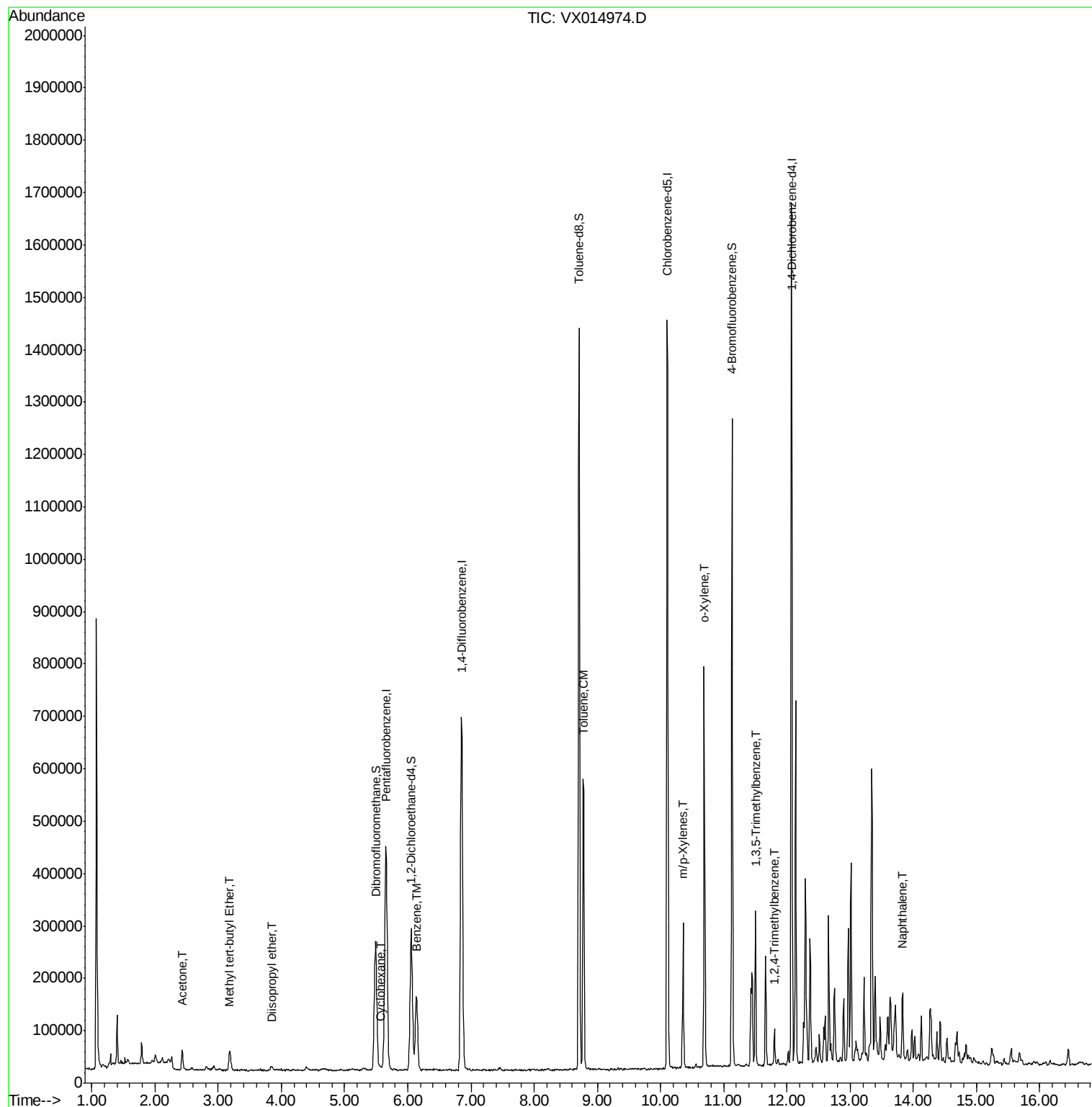
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.43	43	41912	5.012	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	39672	3.024	ug/l	97
22) Diisopropyl ether	3.85	45	8882	0.651	ug/l #	77
31) Cyclohexane	5.57	56	3796	0.541	ug/l #	92
40) Benzene	6.14	78	174836	9.306	ug/l	100
52) Toluene	8.78	92	215837	18.088	ug/l	100
68) m/p-Xylenes	10.36	106	66377	7.538	ug/l	97
69) o-Xylene	10.69	106	172067	20.327	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	126651	6.740	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	31161	1.645	ug/l	96
95) Naphthalene	13.83	128	81860	3.777	ug/l	95

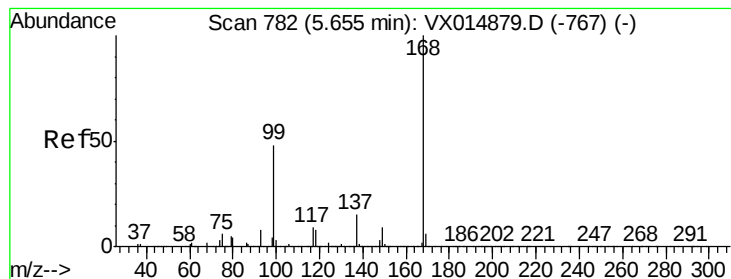
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014974.D

Acq: 20 Feb 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

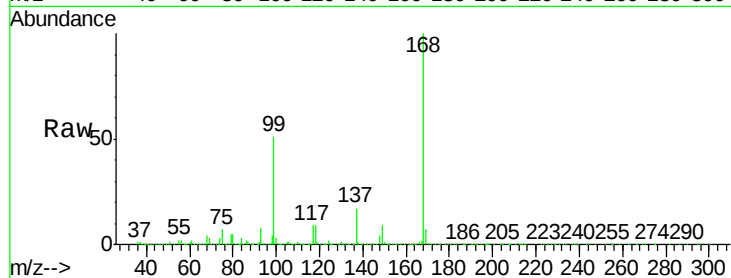
40729

Tot Ion:168 Resp: 439756

Ion Ratio Lower Upper

168 100

99 50.5 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

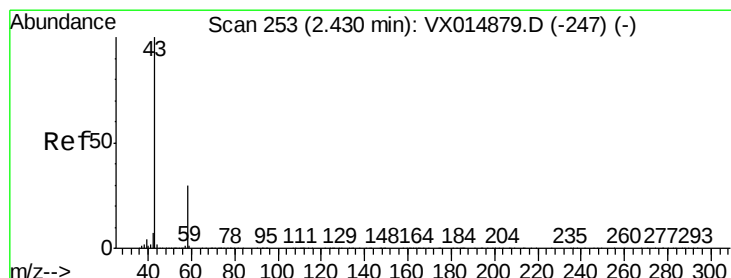
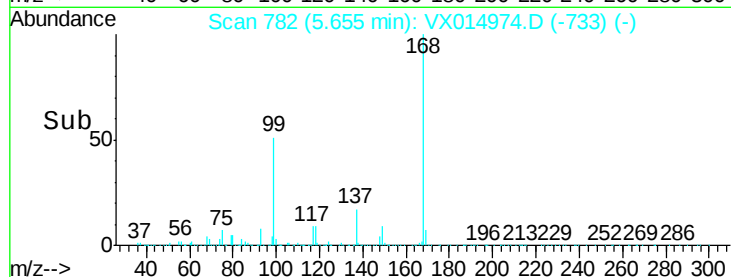
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 5.012 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014974.D

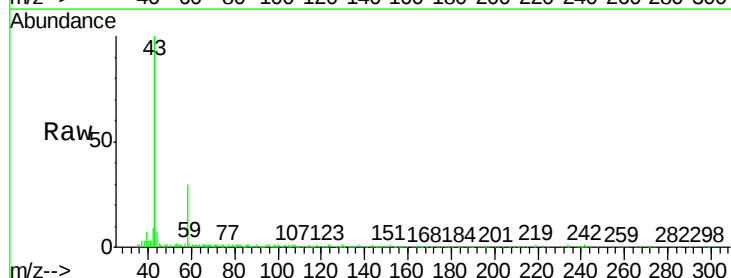
Acq: 20 Feb 2020 12:59

Tgt Ion: 43 Resp: 41912

Ion Ratio Lower Upper

43 100

58 28.2 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

25000

20000

15000

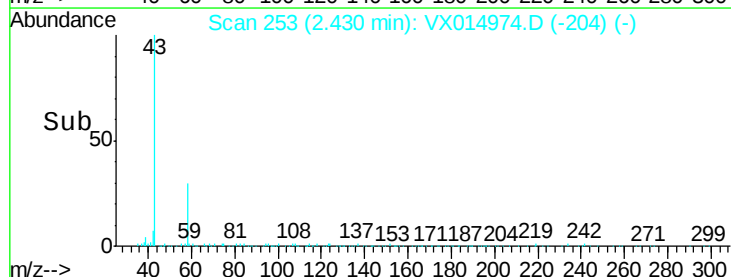
10000

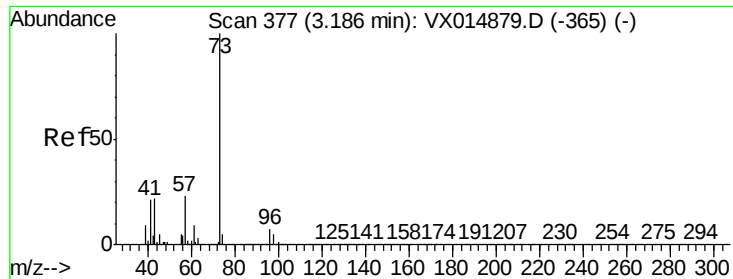
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0

Time-->

2.35 2.40 2.45 2.50



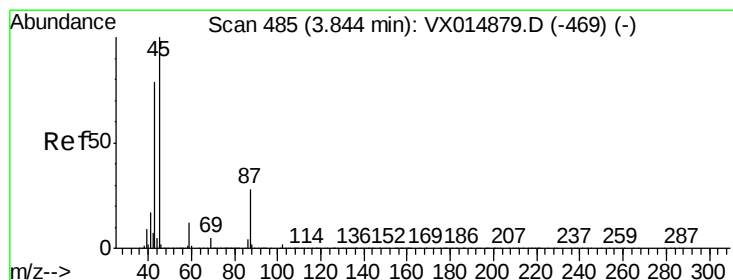
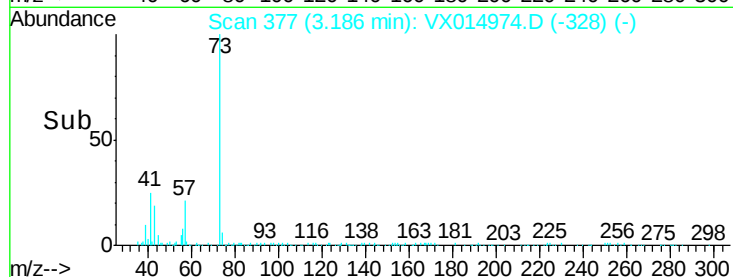
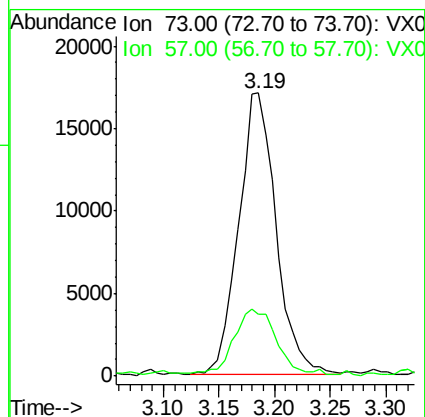
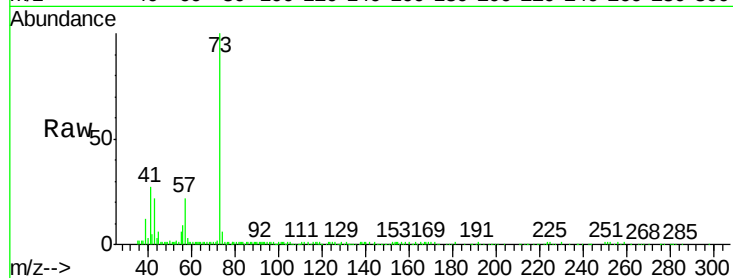


#19

Methyl tert-butyl Ether
 Concen: 3.024 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: VX014974.D
 Acq: 20 Feb 2020 12:59

Instrument :
 MSVOA_X
 ClientSampleId :
 40729

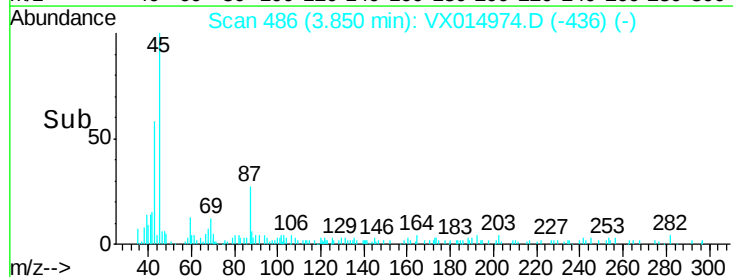
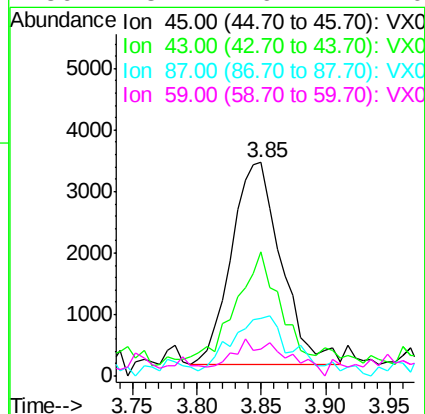
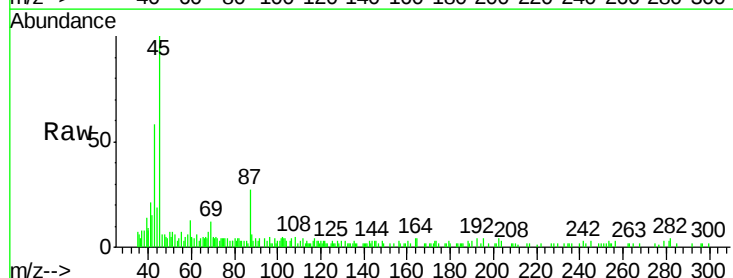
Tot Ion: 73 Resp: 39672
 Ion Ratio Lower Upper
 73 100
 57 21.3 18.2 27.4

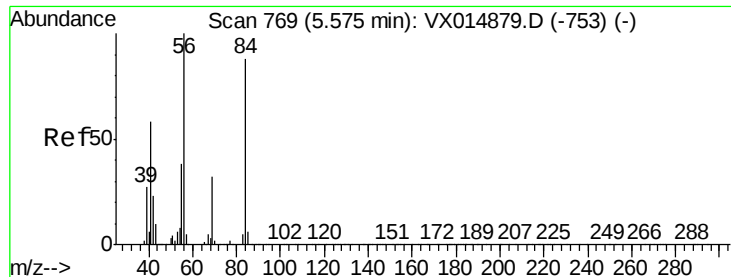


#22

Diisopropyl ether
 Concen: 0.651 ug/l
 RT: 3.85 min Scan# 486
 Delta R.T. 0.01 min
 Lab File: VX014974.D
 Acq: 20 Feb 2020 12:59

Tgt Ion: 45 Resp: 8882
 Ion Ratio Lower Upper
 45 100
 43 52.1 63.5 95.3#
 87 25.7 22.2 33.4
 59 8.1 9.4 14.0#

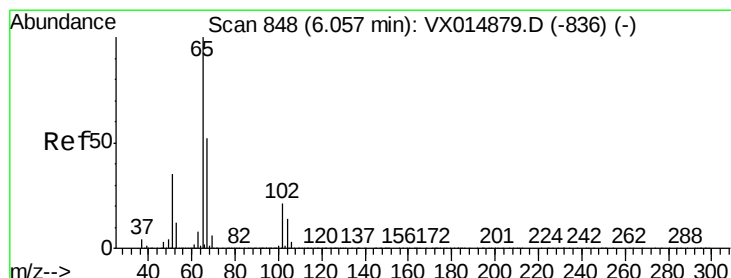
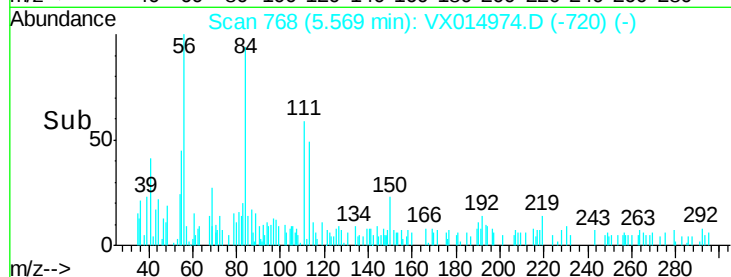
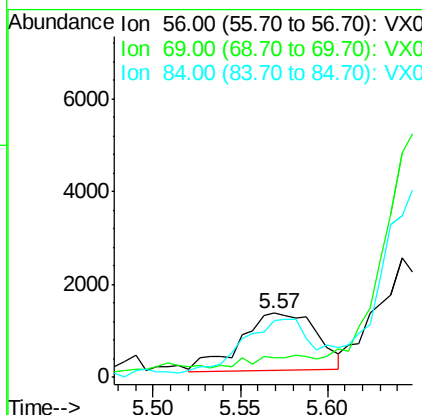
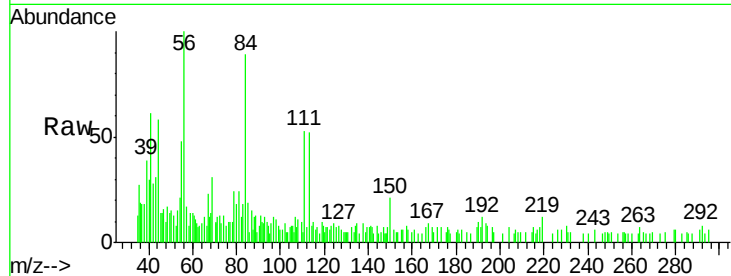




#31
Cyclohexane
Concen: 0.541 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014974.D
Acq: 20 Feb 2020 12:59

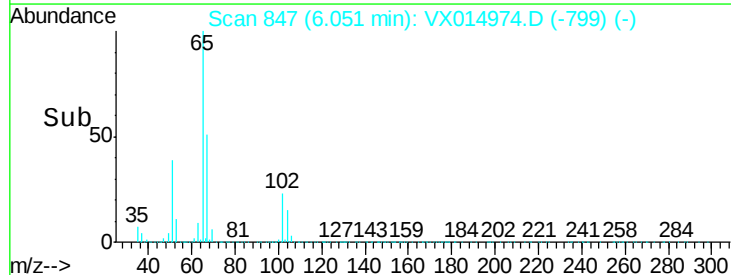
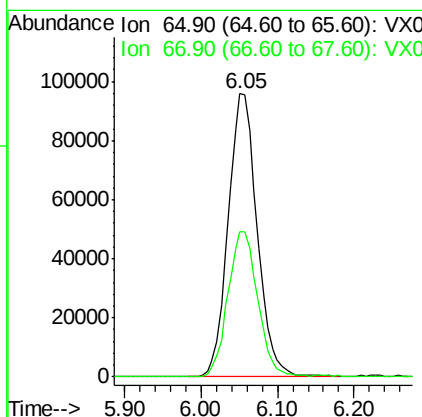
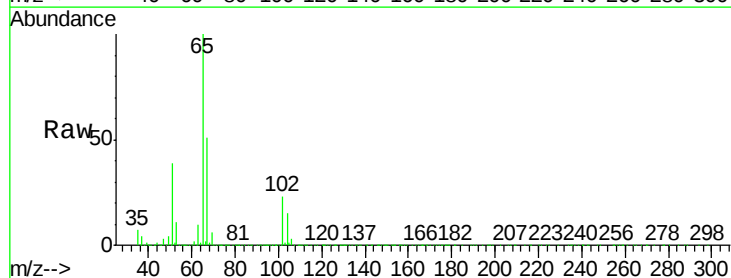
Instrument :
MSVOA_X
ClientSampled :
40729

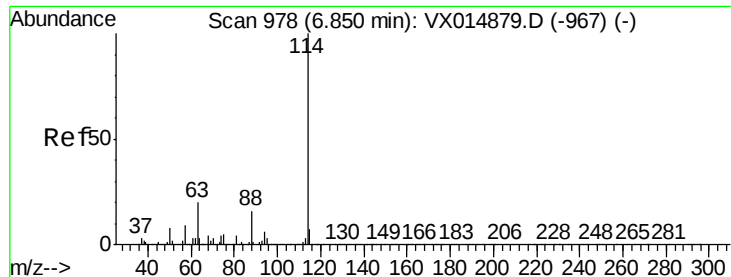
Tot Ion: 56 Resp: 3796
Ion Ratio Lower Upper
56 100
69 16.8 25.9 38.9#
84 88.9 70.4 105.6



#33
1,2-Dichloroethane-d4
Concen: 50.496 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.01 min
Lab File: VX014974.D
Acq: 20 Feb 2020 12:59

Tgt Ion: 65 Resp: 250611
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014974.D

Acq: 20 Feb 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

40729

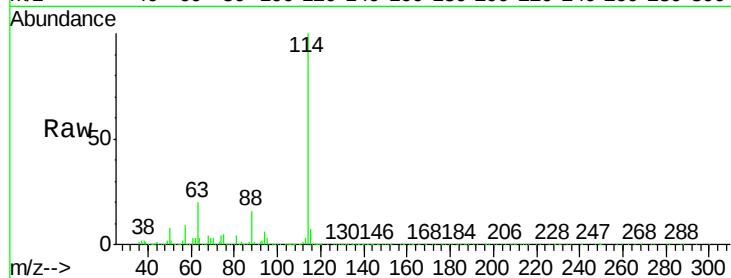
Tot Ion:114 Resp: 702956

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.2

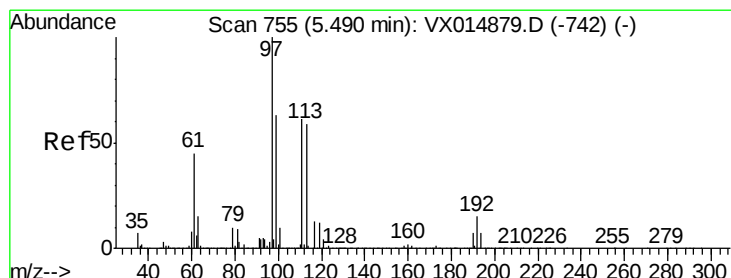
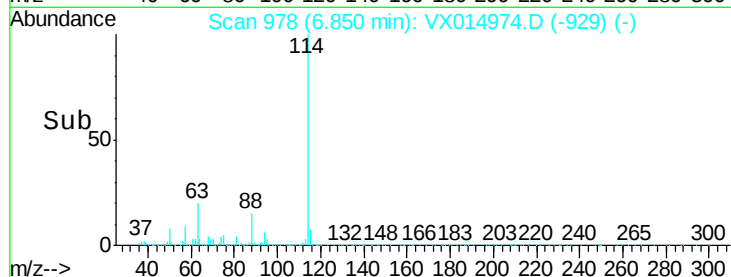
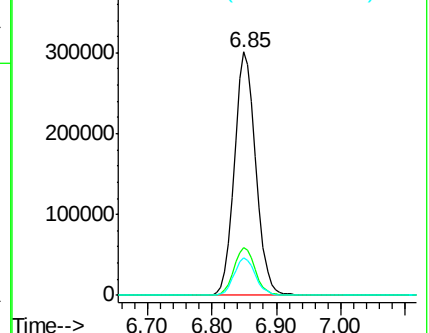
88 15.5 0.0 32.0



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: 48.749 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014974.D

Acq: 20 Feb 2020 12:59

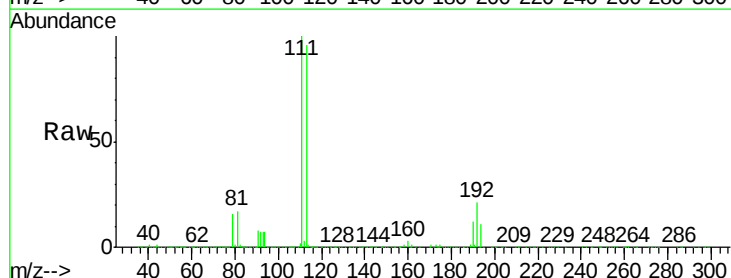
Tgt Ion:113 Resp: 210674

Ion Ratio Lower Upper

113 100

111 102.0 82.4 123.6

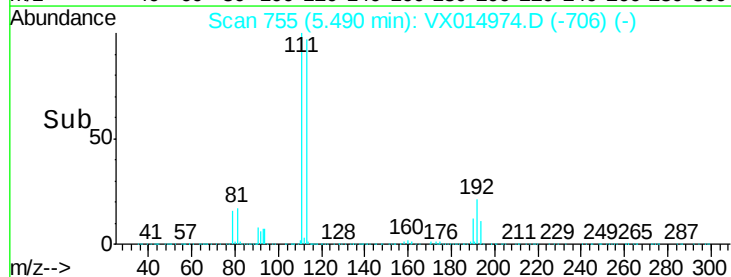
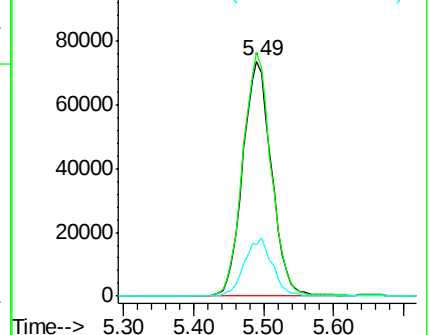
192 24.1 19.1 28.7

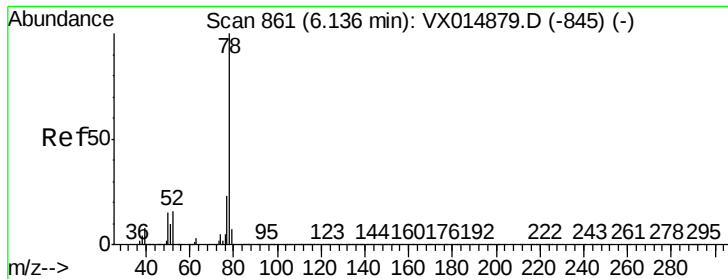


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 9.306 ug/l

RT: 6.14 min Scan# 861

Delta R.T. -0.00 min

Lab File: VX014974.D

Acq: 20 Feb 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

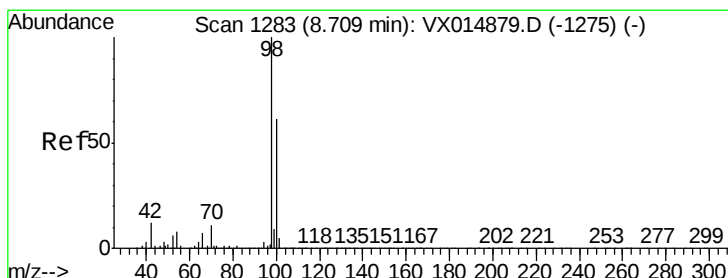
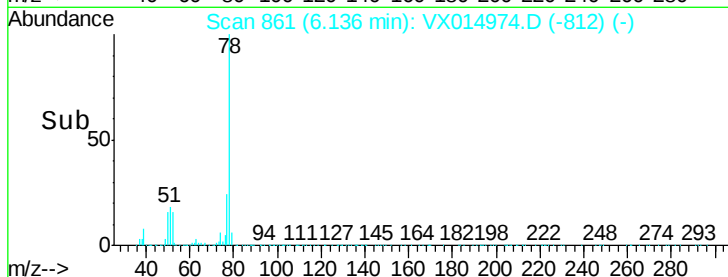
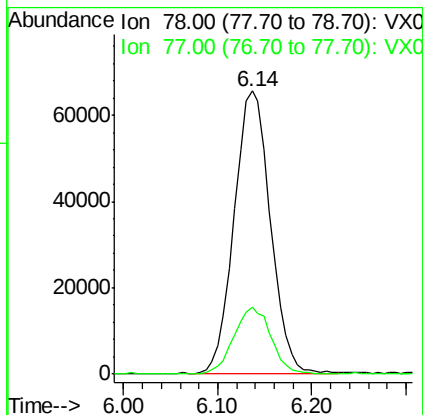
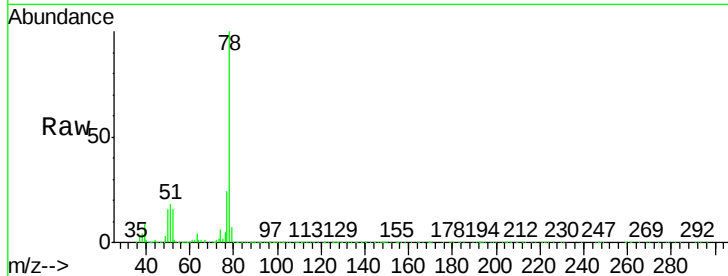
40729

Tot Ion: 78 Resp: 174836

Ion Ratio Lower Upper

78 100

77 23.7 18.8 28.2



#50

Toluene-d8

Concen: 50.790 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014974.D

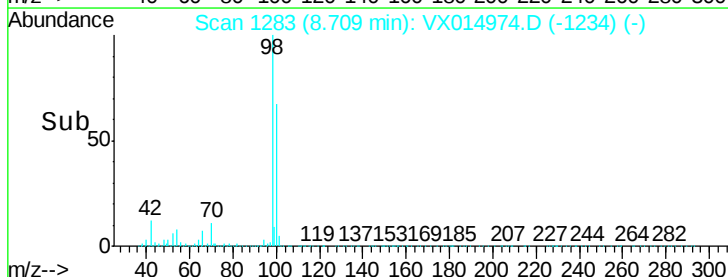
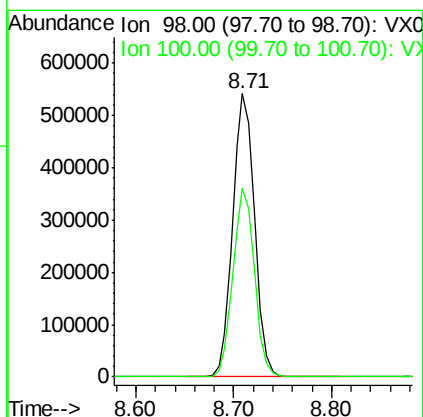
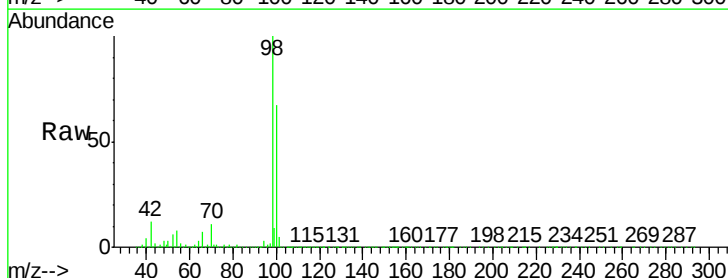
Acq: 20 Feb 2020 12:59

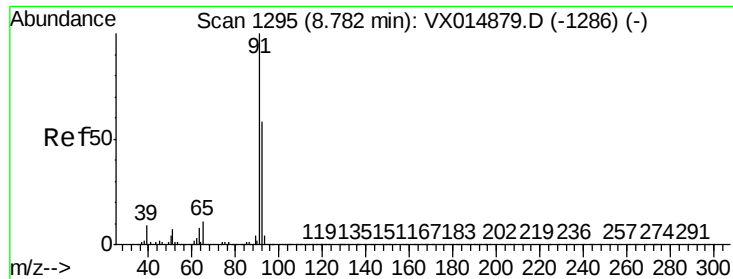
Tgt Ion: 98 Resp: 837833

Ion Ratio Lower Upper

98 100

100 65.6 52.4 78.6





#52

Toluene

Concen: 18.088 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014974.D

Acq: 20 Feb 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

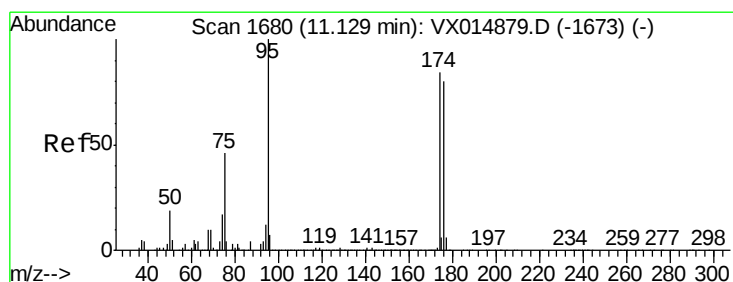
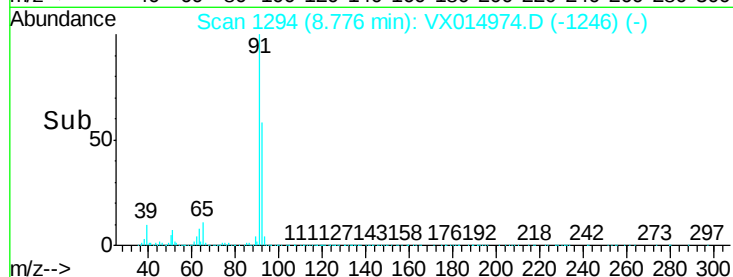
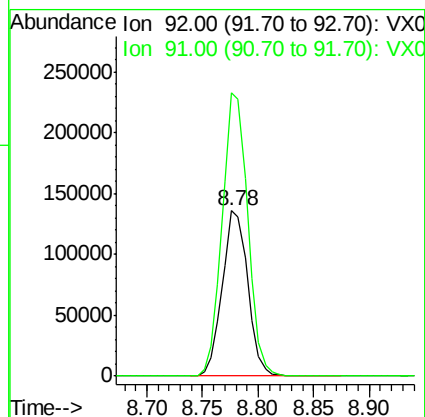
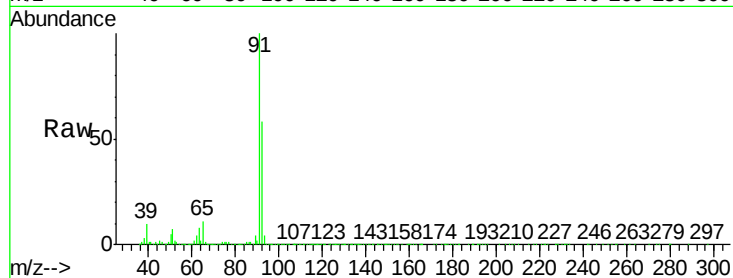
40729

Tot Ion: 92 Resp: 215837

Ion Ratio Lower Upper

92 100

91 171.8 137.0 205.4



#62

4-Bromofluorobenzene

Concen: 54.093 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014974.D

Acq: 20 Feb 2020 12:59

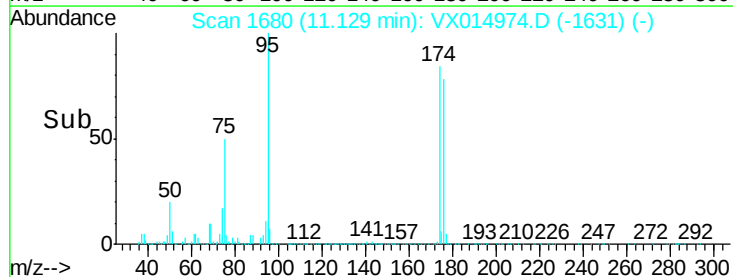
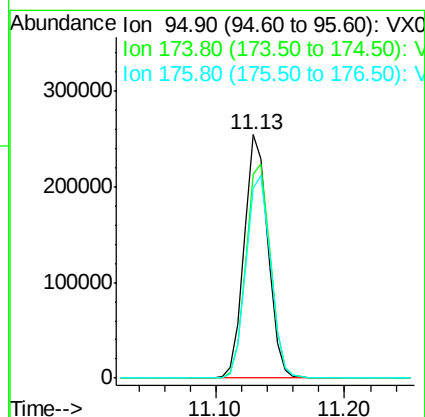
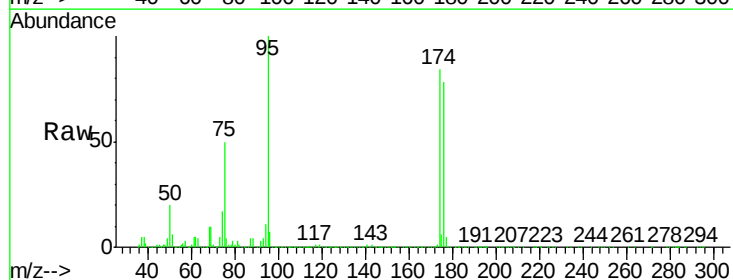
Tgt Ion: 95 Resp: 321439

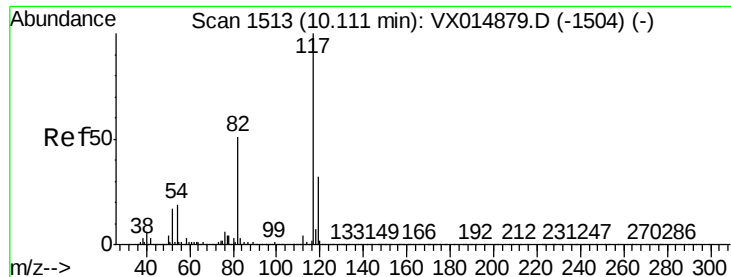
Ion Ratio Lower Upper

95 100

174 90.8 0.0 183.0

176 86.9 0.0 178.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX014974.D

Acq: 20 Feb 2020 12:59

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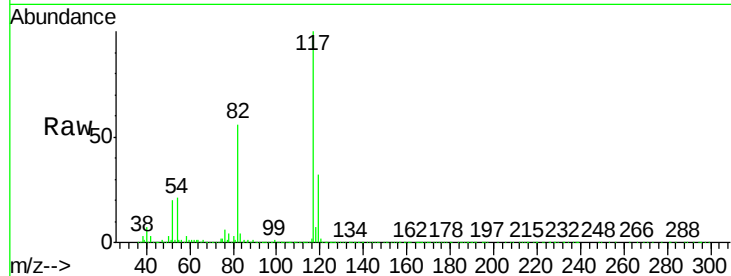
Tot Ion:117 Resp: 662685

Ion Ratio Lower Upper

117 100

82 56.0 40.5 60.7

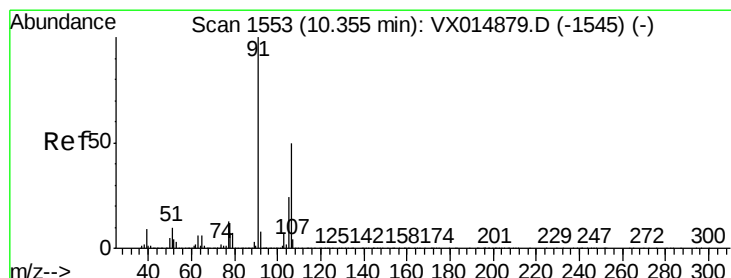
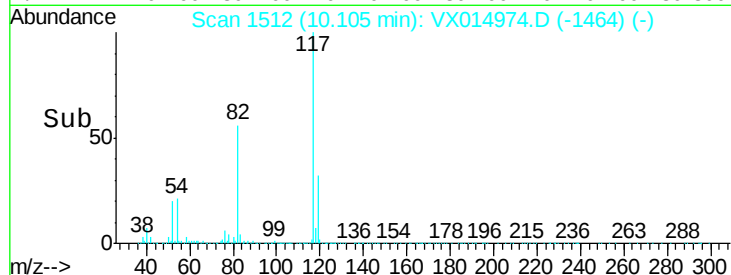
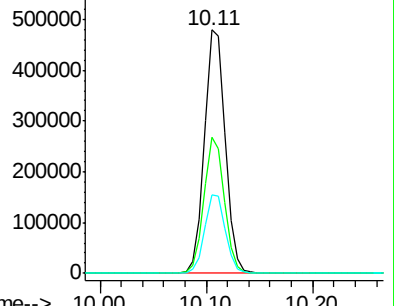
119 32.0 25.8 38.6



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



#68

m/p-Xylenes

Concen: 7.538 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014974.D

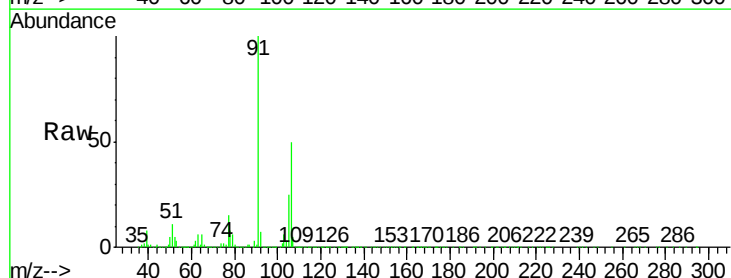
Acq: 20 Feb 2020 12:59

Tgt Ion:106 Resp: 66377

Ion Ratio Lower Upper

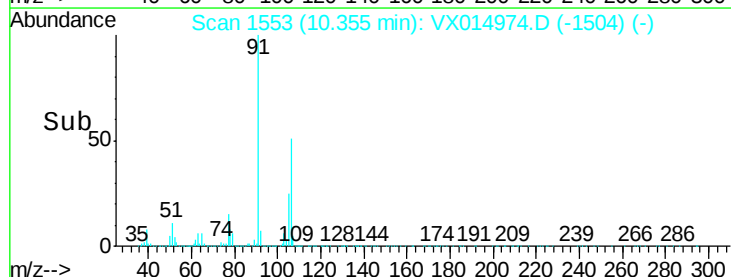
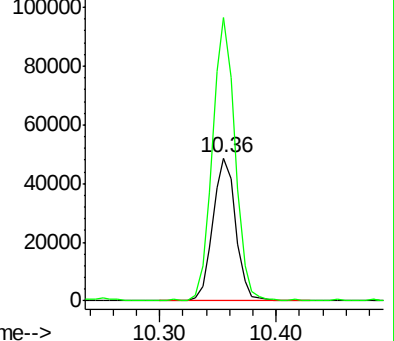
106 100

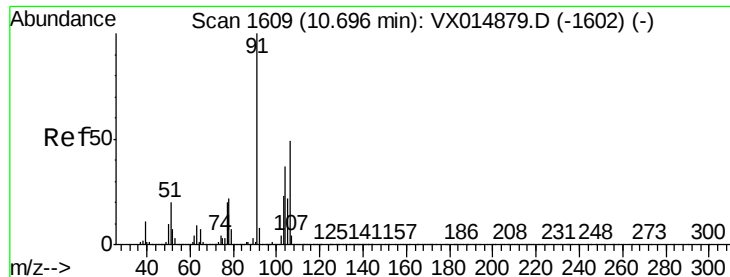
91 196.0 160.6 240.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

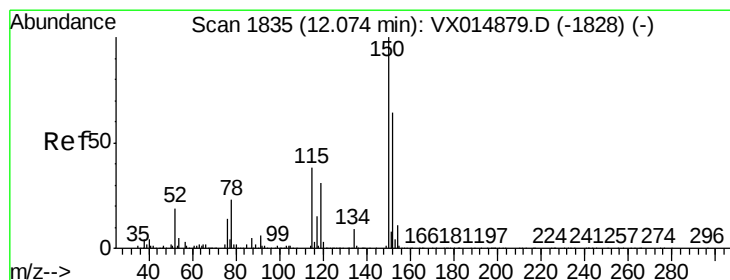
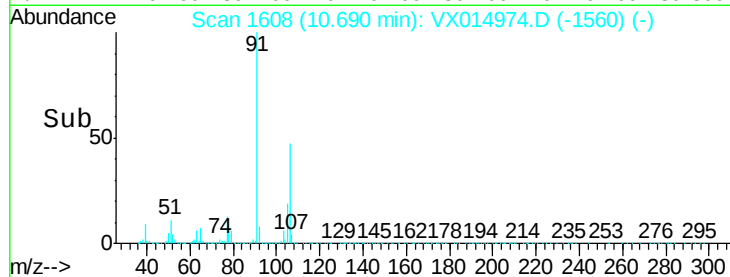
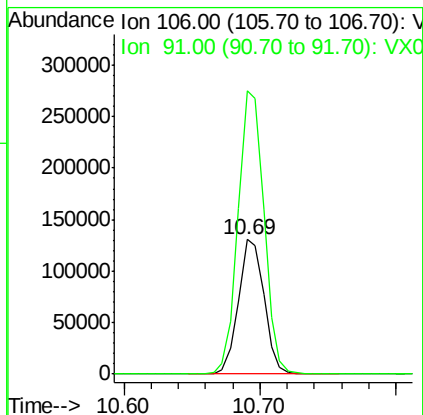
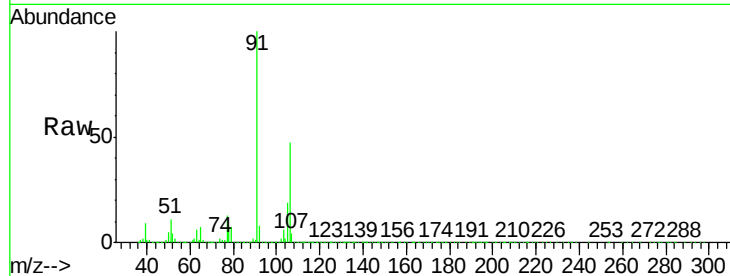




#69
o-Xylene
Concen: 20.327 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014974.D
Acq: 20 Feb 2020 12:59

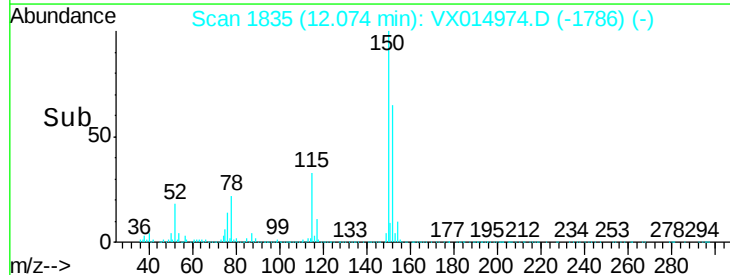
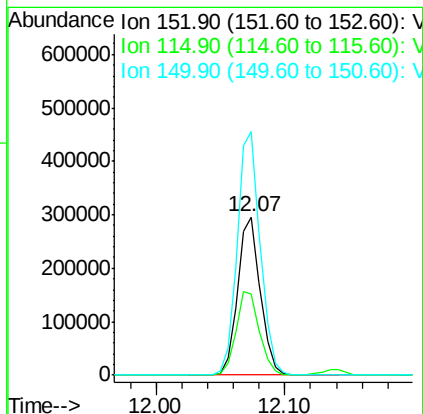
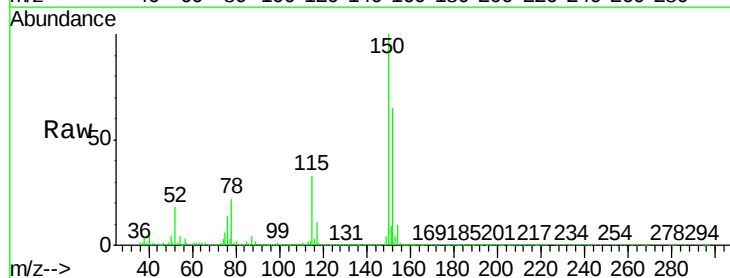
Instrument :
MSVOA_X
ClientSampled :
40729

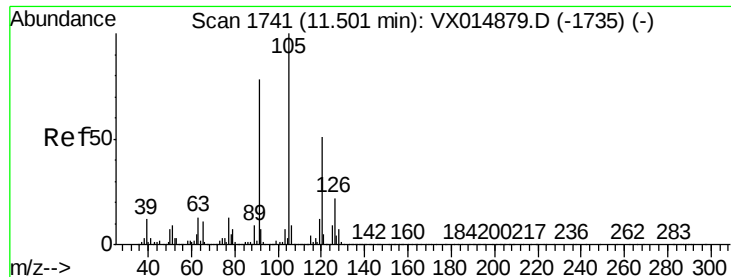
Tot Ion:106 Resp: 172067
Ion Ratio Lower Upper
106 100
91 212.6 105.1 315.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014974.D
Acq: 20 Feb 2020 12:59

Tgt Ion:152 Resp: 358627
Ion Ratio Lower Upper
152 100
115 54.6 38.6 116.0
150 156.9 0.0 349.0

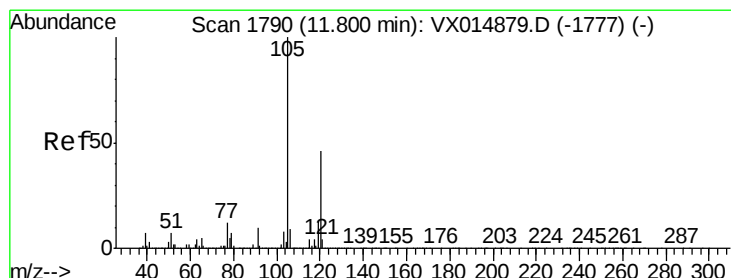
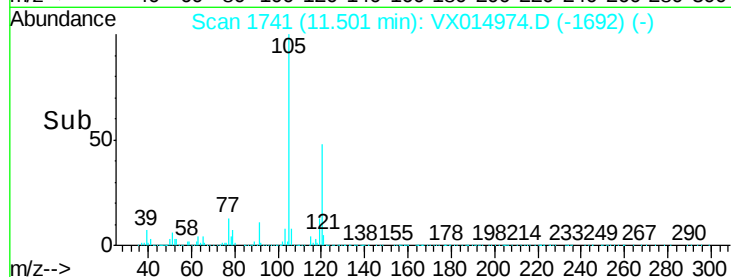
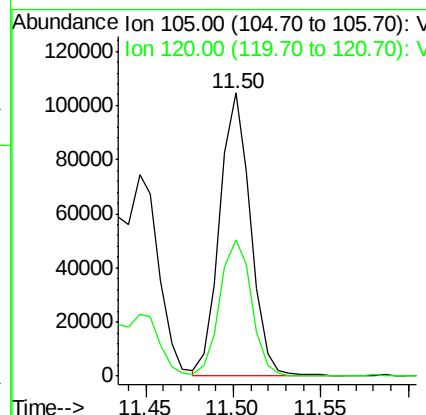
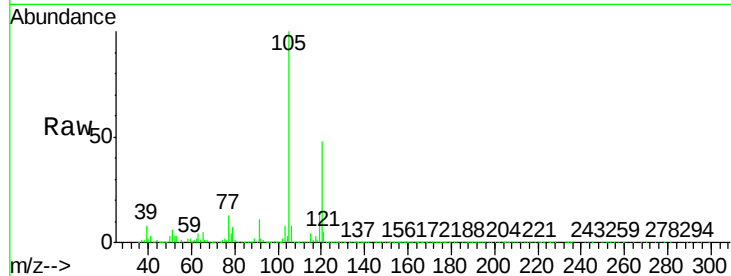




#80
 1,3,5-Trimethylbenzene
 Concen: 6.740 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX014974.D
 Acq: 20 Feb 2020 12:59

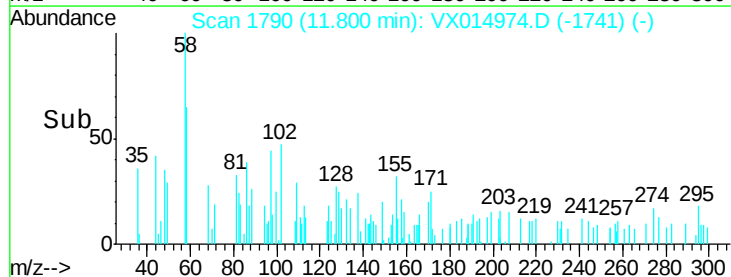
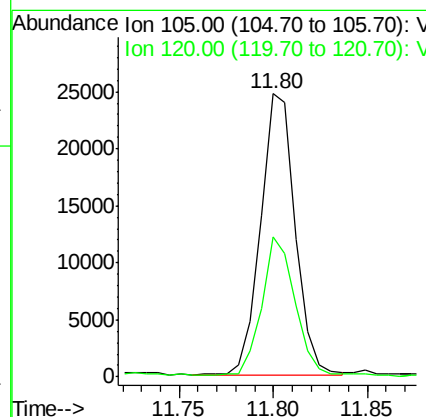
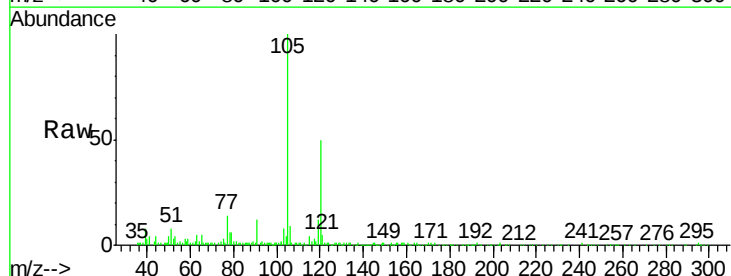
Instrument :
 MSVOA_X
 ClientSampleId :
 40729

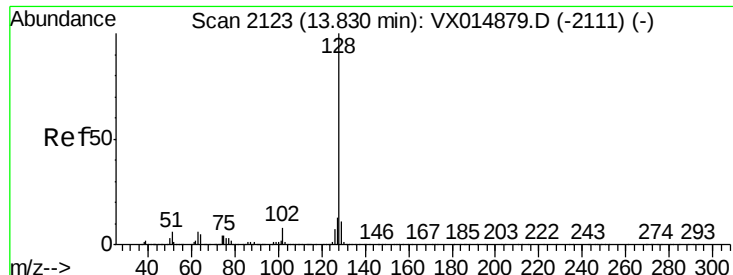
Tot Ion:105 Resp: 126651
 Ion Ratio Lower Upper
 105 100
 120 49.7 25.6 76.6



#84
 1,2,4-Trimethylbenzene
 Concen: 1.645 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX014974.D
 Acq: 20 Feb 2020 12:59

Tgt Ion:105 Resp: 31161
 Ion Ratio Lower Upper
 105 100
 120 48.4 23.0 69.0





#95

Naphthalene

Concen: 3.777 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX014974.D

Acq: 20 Feb 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

40729

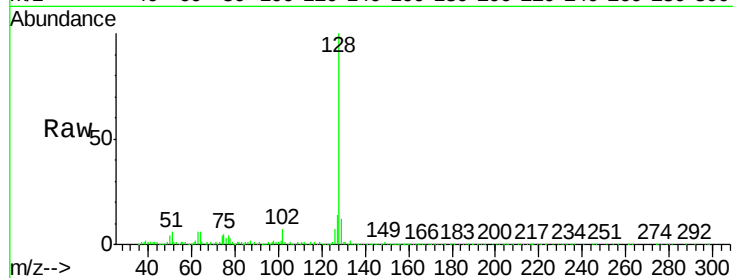
Tot Ion:128 Resp: 81860

Ion Ratio Lower Upper

128 100

127 15.5 10.4 15.6

129 12.1 8.6 13.0



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

