

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042320\
 Data File : VX015894.D
 Acq On : 23 Apr 2020 16:39
 Operator : JC/SP
 Sample : L2379-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW153-200420

Quant Time: Apr 24 06:31:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	827116	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1302187	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1288700	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	716333	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	477788	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
35) Dibromofluoromethane	5.47	113	378230	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
50) Toluene-d8	8.70	98	1568328	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
62) 4-Bromofluorobenzene	11.12	95	673619	54.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.54%	

Target Compounds

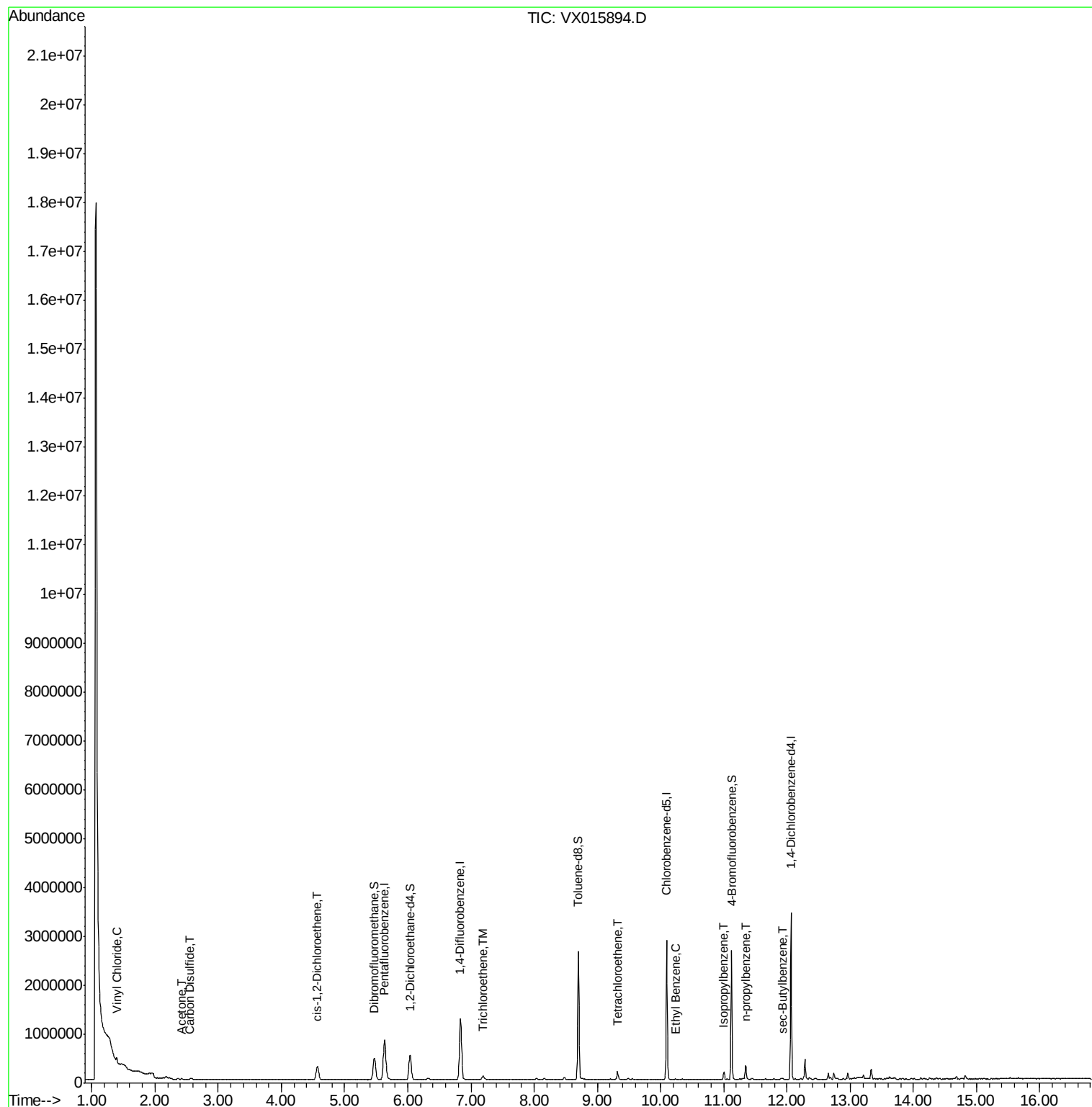
					Qvalue
4) Vinyl Chloride	1.39	62	52294	6.231 ug/l	94
16) Acetone	2.42	43	17440	4.258 ug/l	93
17) Carbon Disulfide	2.55	76	15535	0.590 ug/l #	90
27) cis-1,2-Dichloroethene	4.57	96	174611	19.135 ug/l	90
44) Trichloroethene	7.19	130	29100	2.382 ug/l	97
64) Tetrachloroethene	9.32	164	33333	1.919 ug/l	94
67) Ethyl Benzene	10.24	91	10316	0.228 ug/l #	84
73) Isopropylbenzene	11.00	105	86390	1.899 ug/l	99
78) n-propylbenzene	11.34	91	168188	3.227 ug/l	100
85) sec-Butylbenzene	11.93	105	13719	0.302 ug/l	89

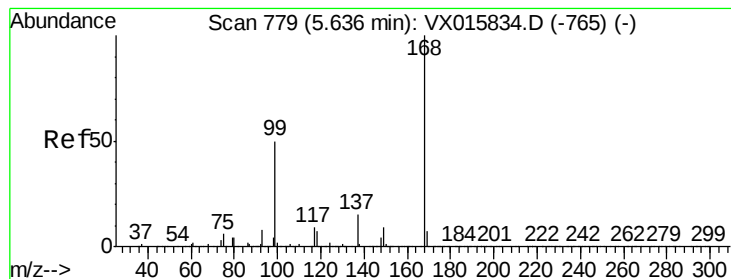
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.01 min

Lab File: VX015894.D

Acq: 23 Apr 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

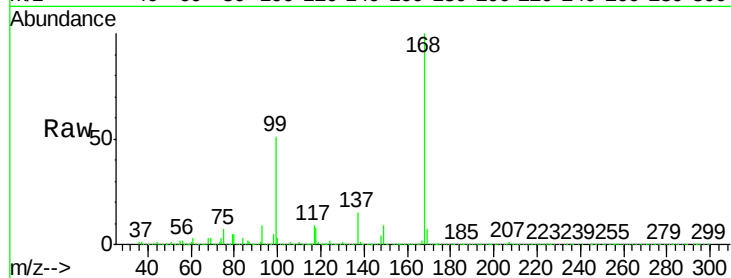
ST006RW153-200420

Tot Ion:168 Resp: 827116

Ion Ratio Lower Upper

168 100

99 50.4 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

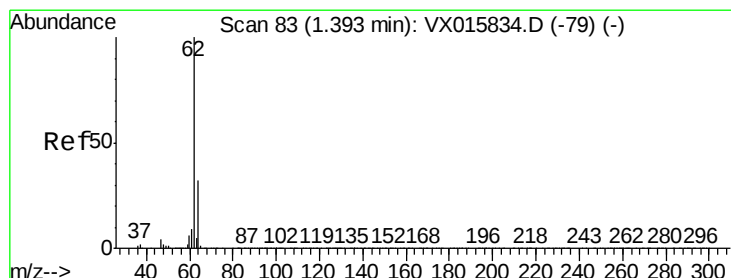
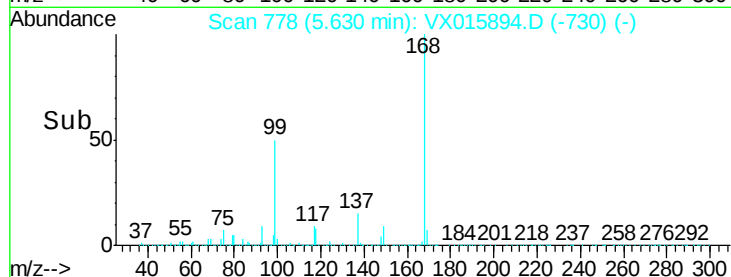
300000

200000

100000

0

Time-->



#4

Vinyl Chloride

Concen: 6.231 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015894.D

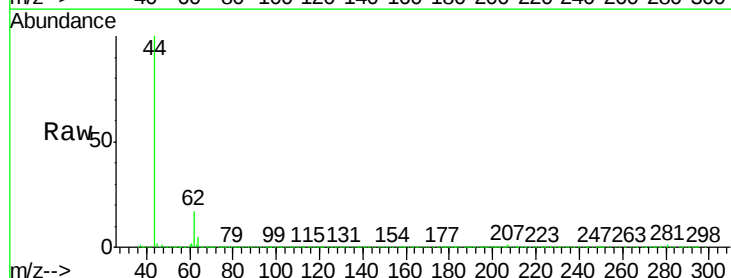
Acq: 23 Apr 2020 16:39

Tgt Ion: 62 Resp: 52294

Ion Ratio Lower Upper

62 100

64 28.5 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

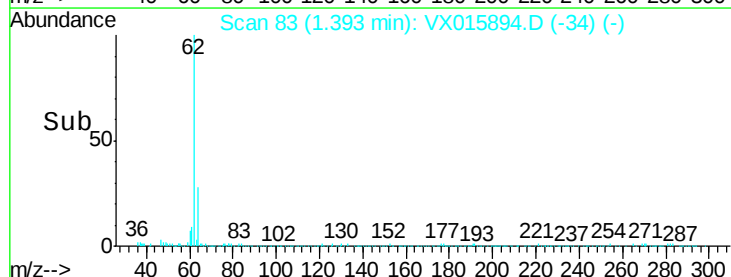
60000

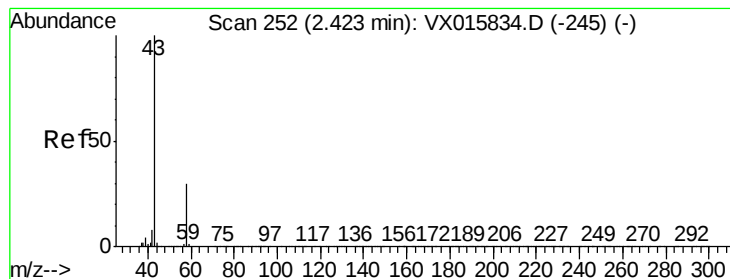
40000

20000

0

Time-->





#16

Acetone

Concen: 4.258 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.01 min

Lab File: VX015894.D

Acq: 23 Apr 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

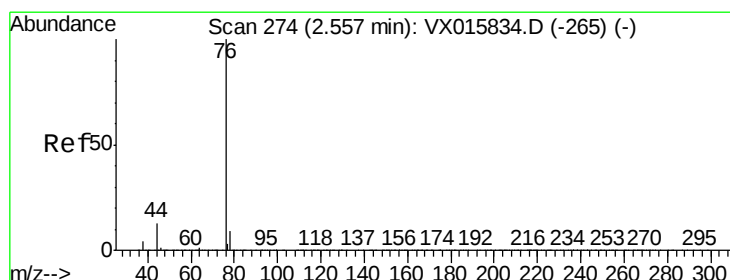
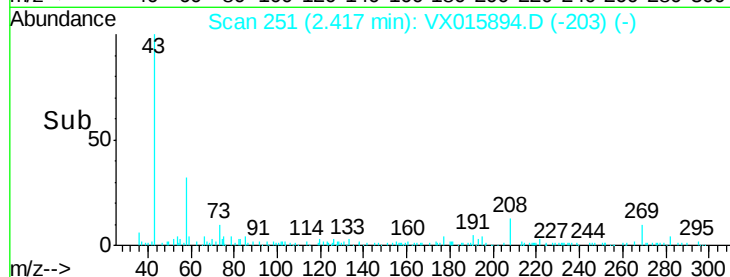
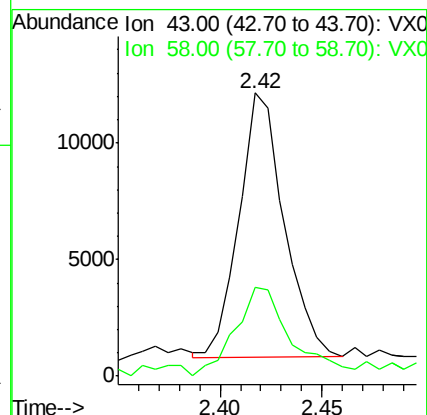
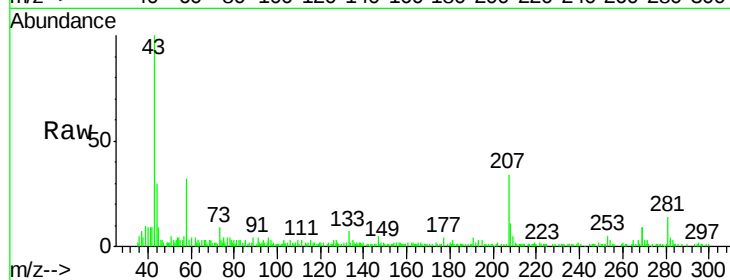
ST006RW153-200420

Tot Ion: 43 Resp: 17440

Ion Ratio Lower Upper

43 100

58 33.9 24.0 36.0



#17

Carbon Disulfide

Concen: 0.590 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX015894.D

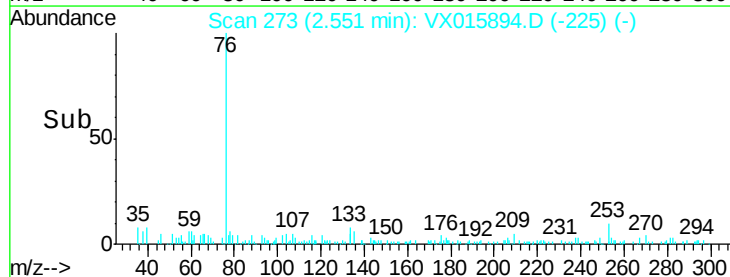
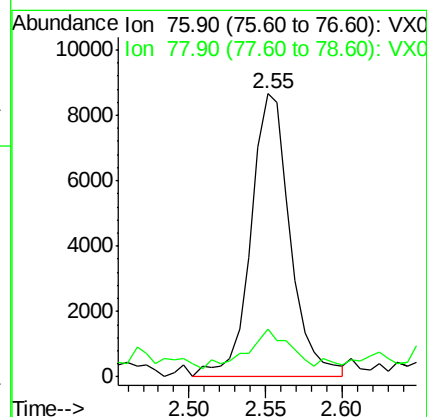
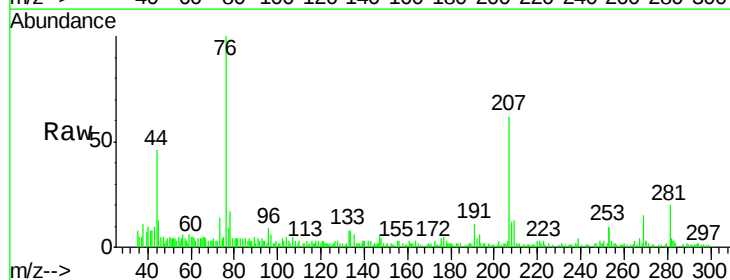
Acq: 23 Apr 2020 16:39

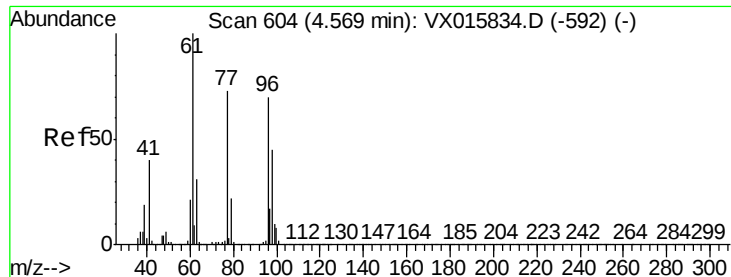
Tgt Ion: 76 Resp: 15535

Ion Ratio Lower Upper

76 100

78 12.9 7.4 11.2#



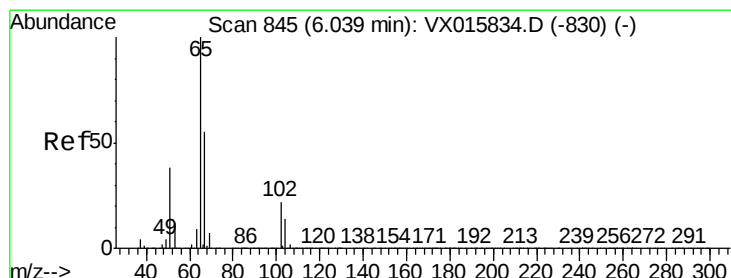
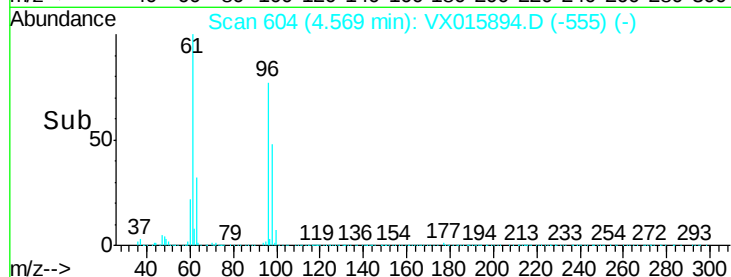
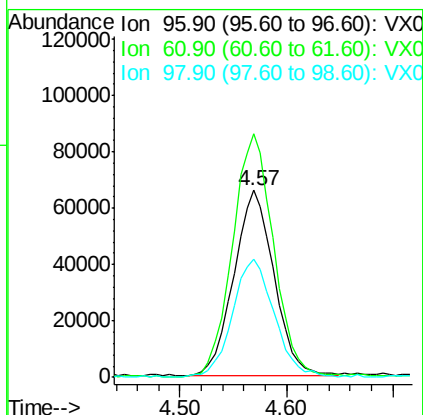
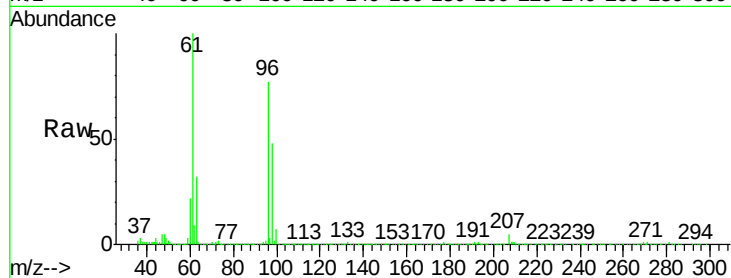


#27

cis-1,2-Dichloroethene
Concen: 19.135 ug/l
RT: 4.57 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX015894.D
Acq: 23 Apr 2020 16:39

Instrument :
MSVOA_X
ClientSampleId :
ST006RW153-200420

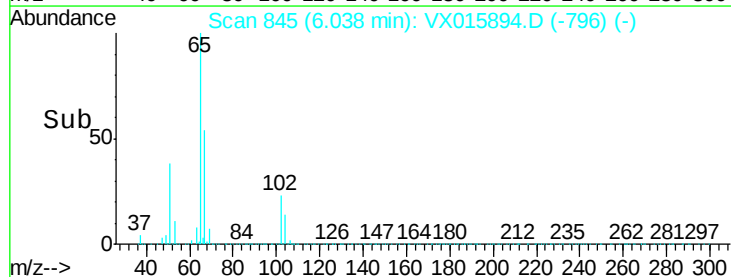
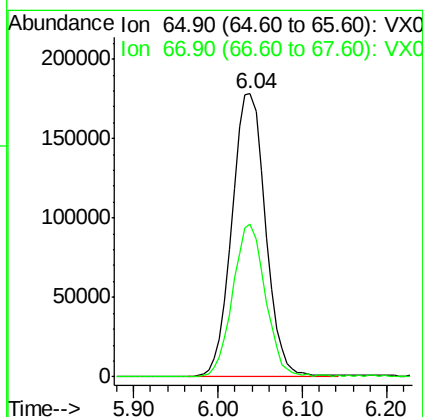
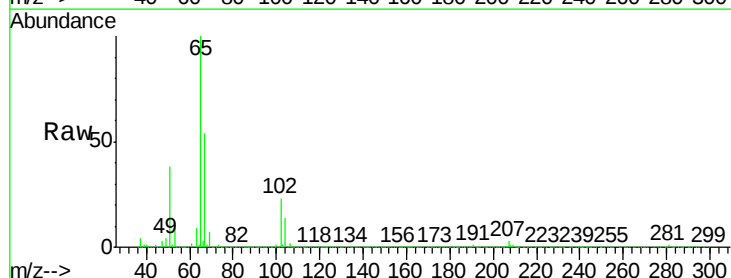
Tot Ion	Ratio	Lower	Upper
96	100		
61	132.6	0.0	299.4
98	65.6	0.0	129.6

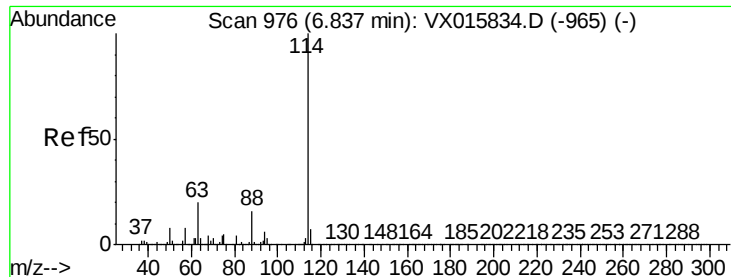


#33

1,2-Dichloroethane-d4
Concen: 50.789 ug/l
RT: 6.04 min Scan# 845
Delta R.T. -0.00 min
Lab File: VX015894.D
Acq: 23 Apr 2020 16:39

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015894.D

Acq: 23 Apr 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

ST006RW153-200420

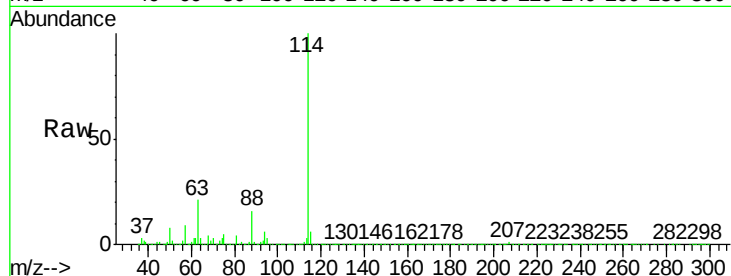
Tot Ion:114 Resp: 1302187

Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.6

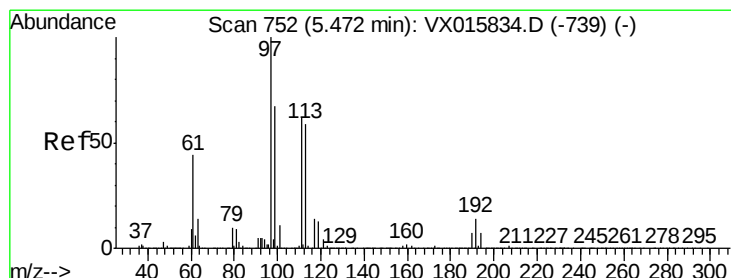
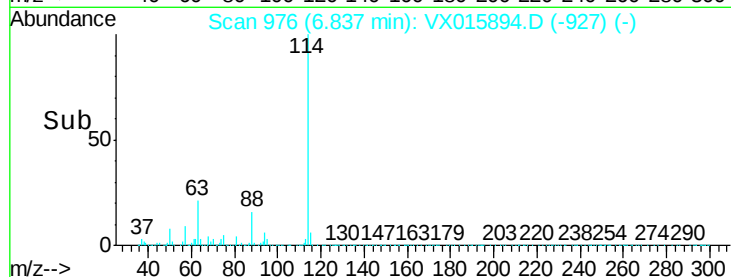
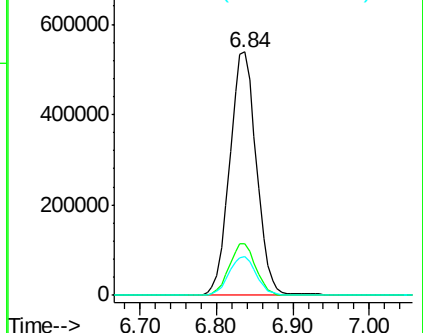
88 15.8 0.0 32.8



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: 50.320 ug/l

RT: 5.47 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX015894.D

Acq: 23 Apr 2020 16:39

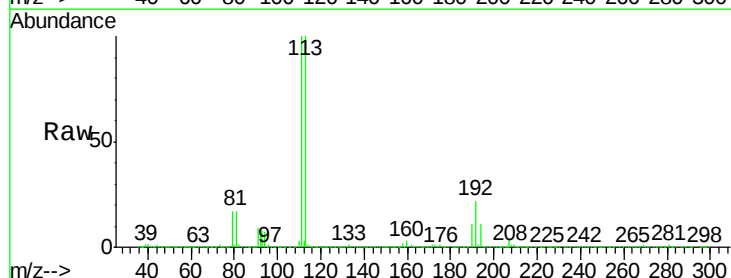
Tgt Ion:113 Resp: 378230

Ion Ratio Lower Upper

113 100

111 105.0 82.7 124.1

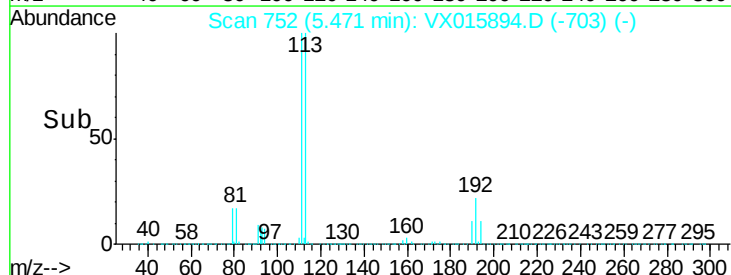
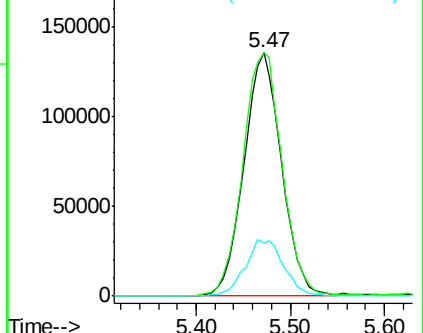
192 23.3 19.3 28.9

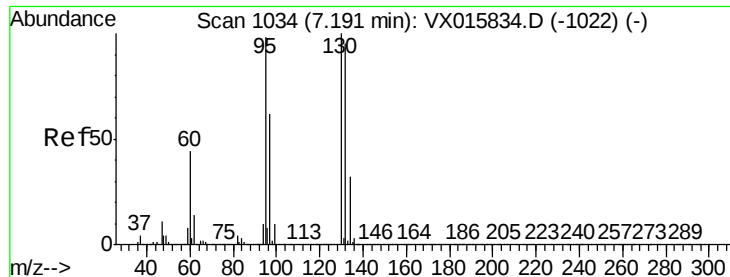


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 2.382 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX015894.D

Acq: 23 Apr 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

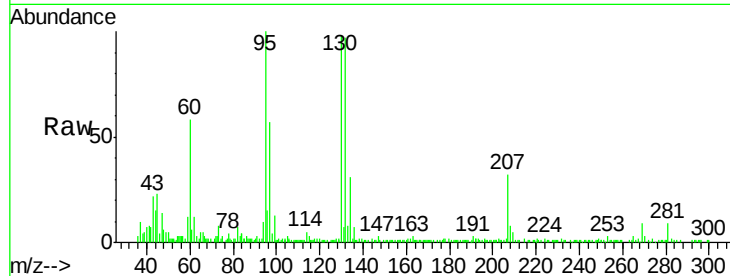
ST006RW153-200420

Tot Ion:130 Resp: 29100

Ion Ratio Lower Upper

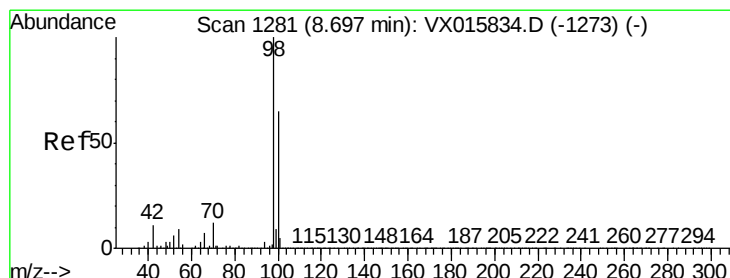
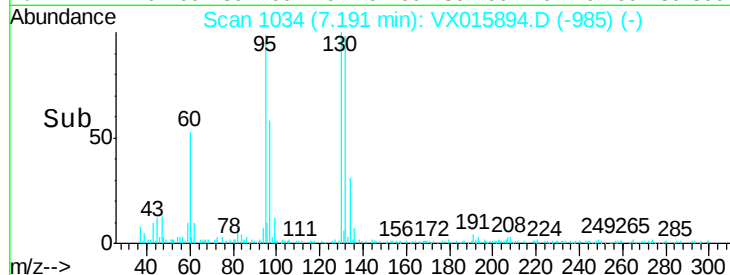
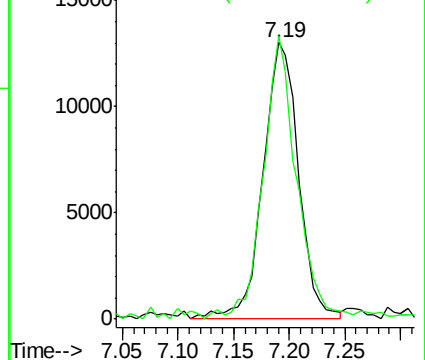
130 100

95 101.0 0.0 195.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.831 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015894.D

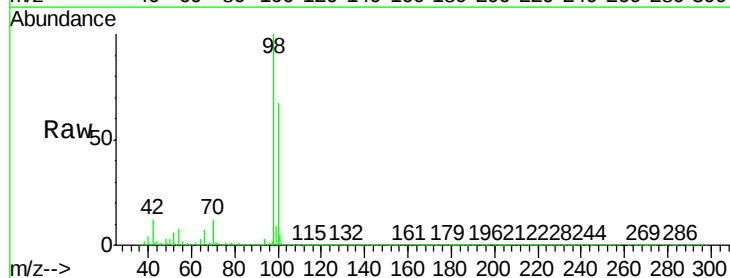
Acq: 23 Apr 2020 16:39

Tgt Ion: 98 Resp: 1568328

Ion Ratio Lower Upper

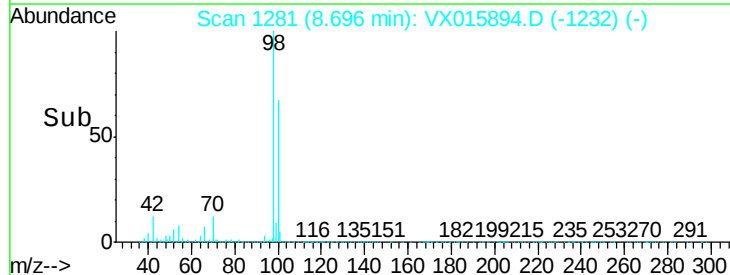
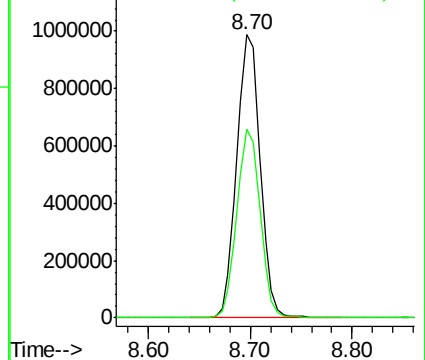
98 100

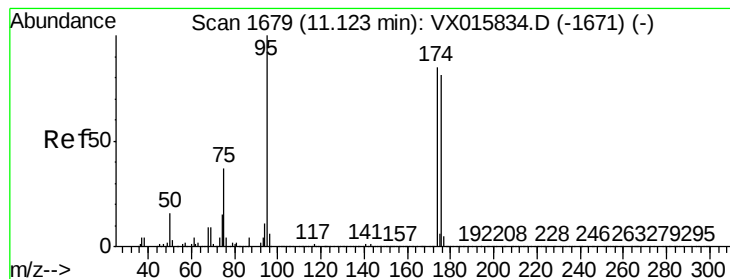
100 66.4 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 54.267 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015894.D

Acq: 23 Apr 2020 16:39

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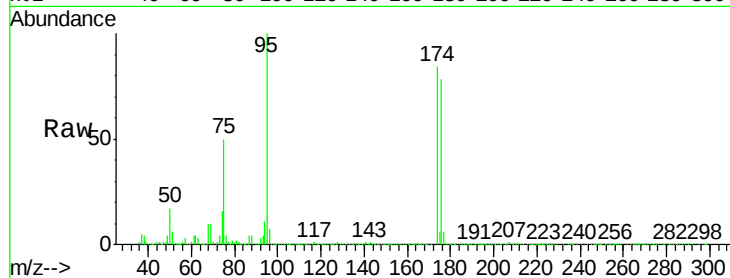
Tot Ion: 95 Resp: 673619

Ion Ratio Lower Upper

95 100

174 85.3 0.0 172.4

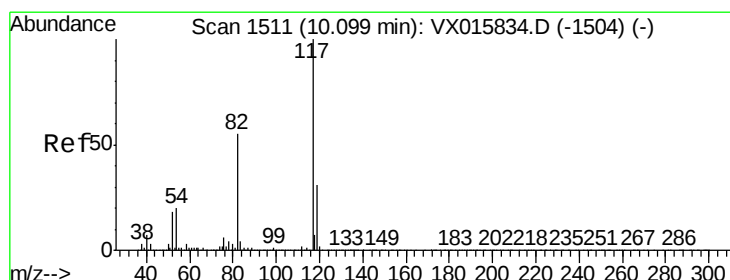
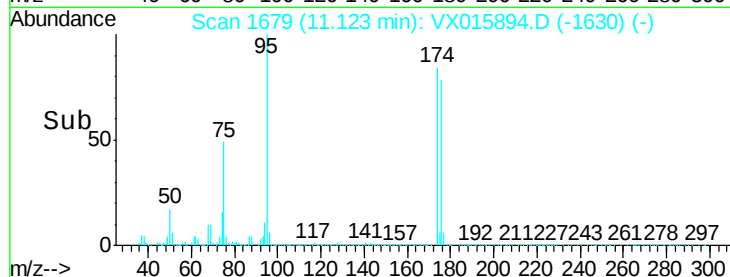
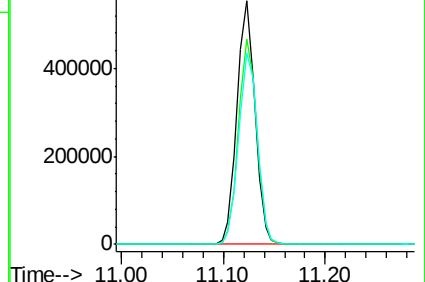
176 81.9 0.0 167.0



Abundance Ion 94.90 (94.60 to 95.60): VX015834.D (-1671) (-)

Ion 173.80 (173.50 to 174.50): VX015834.D (-1671) (-)

Ion 175.80 (175.50 to 176.50): VX015834.D (-1671) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. -0.00 min

Lab File: VX015894.D

Acq: 23 Apr 2020 16:39

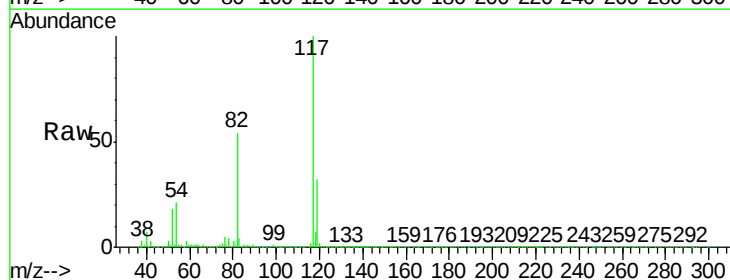
Tgt Ion: 117 Resp: 1288700

Ion Ratio Lower Upper

117 100

82 53.7 43.9 65.9

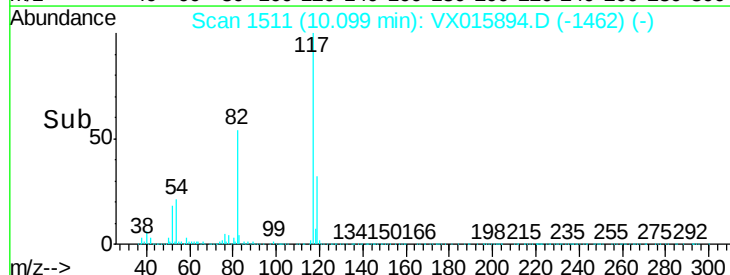
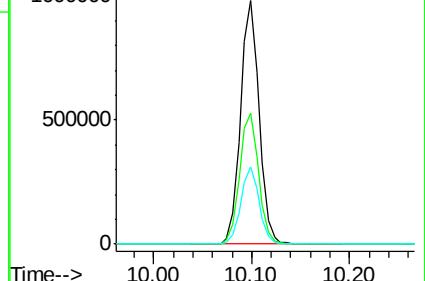
119 31.8 25.1 37.7

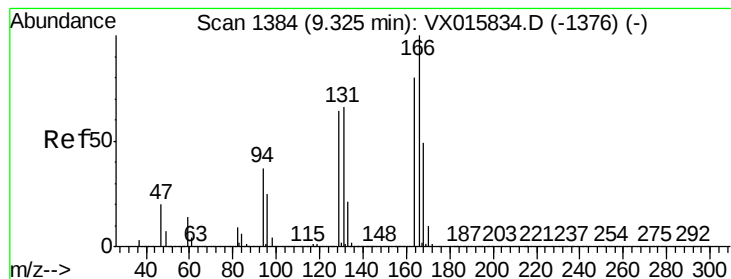


Abundance Ion 116.90 (116.60 to 117.60): VX015834.D (-1504) (-)

Ion 82.00 (81.70 to 82.70): VX015834.D (-1504) (-)

Ion 118.90 (118.60 to 119.60): VX015834.D (-1504) (-)





#64

Tetrachloroethene

Concen: 1.919 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. -0.01 min

Lab File: VX015894.D

Acq: 23 Apr 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

ST006RW153-200420

Tot Ion:164 Resp: 33333

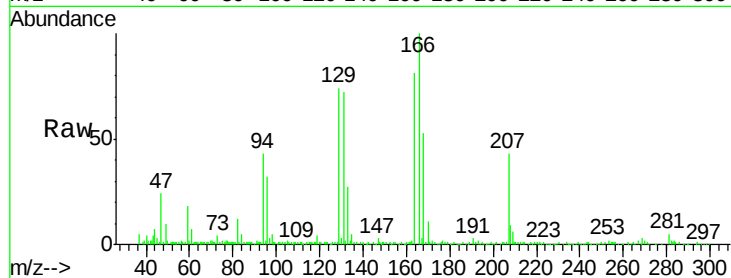
Ion Ratio Lower Upper

164 100

166 124.2 100.2 150.2

129 92.0 64.5 96.7

131 88.6 65.9 98.9

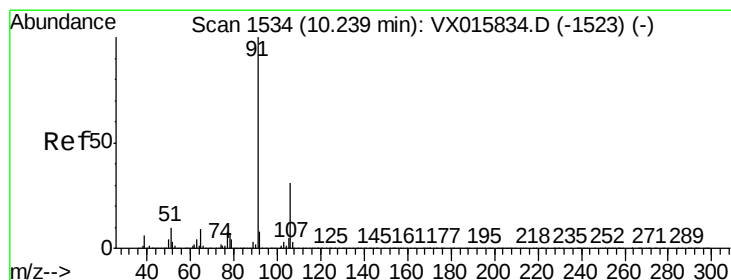
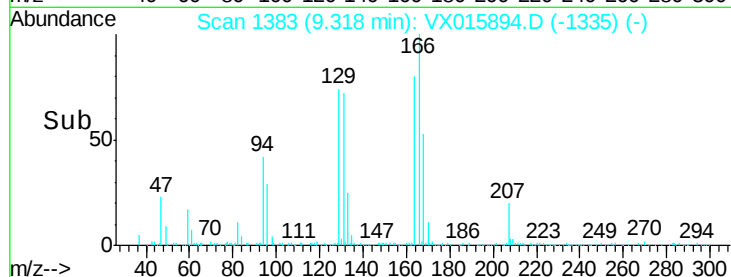
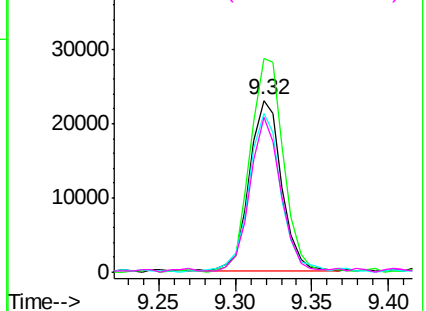


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#67

Ethyl Benzene

Concen: 0.228 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VX015894.D

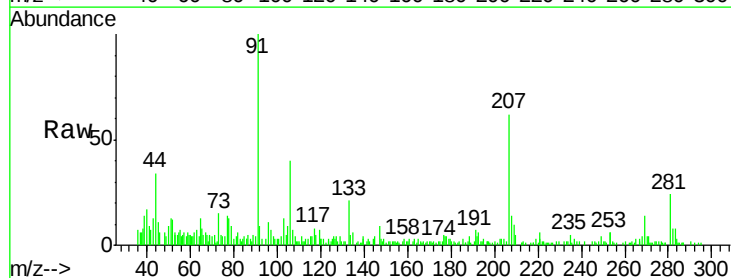
Acq: 23 Apr 2020 16:39

Tgt Ion: 91 Resp: 10316

Ion Ratio Lower Upper

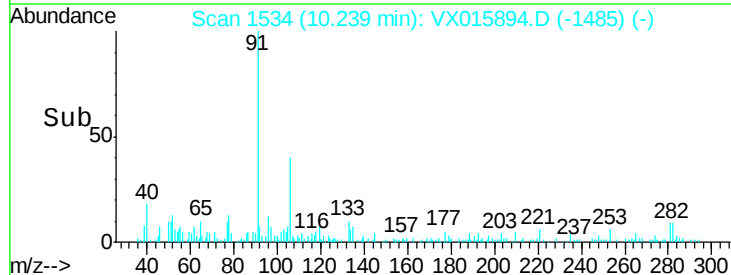
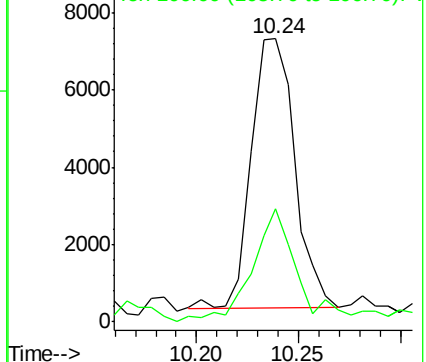
91 100

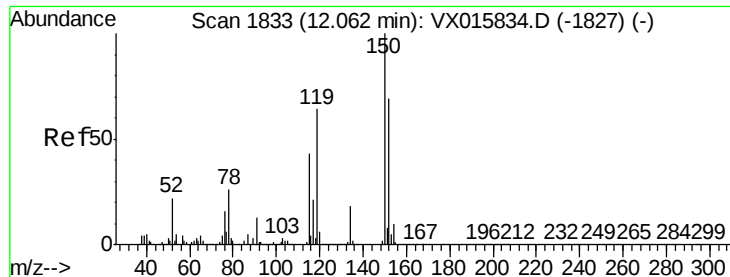
106 40.2 25.0 37.4#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



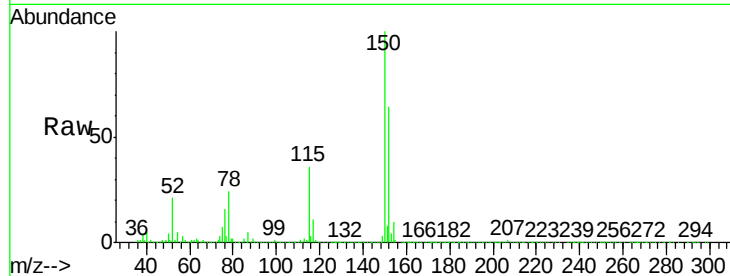


#72

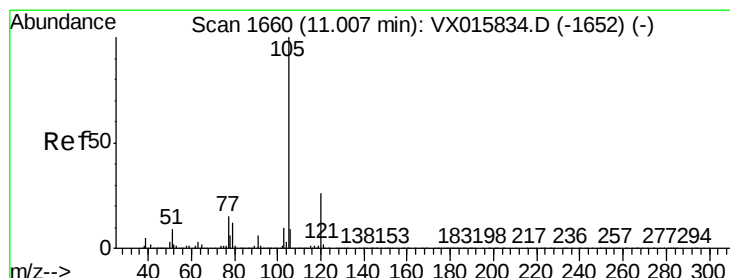
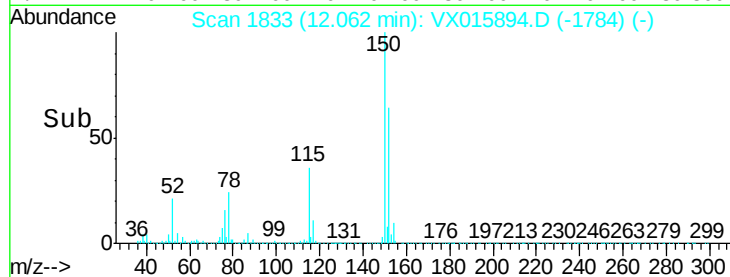
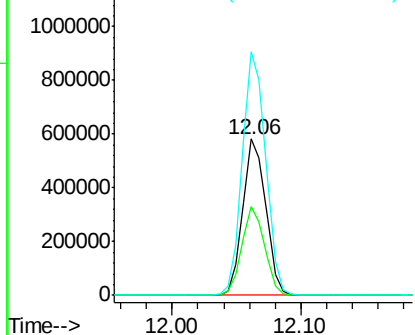
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015894.D
Acq: 23 Apr 2020 16:39

Instrument :
MSVOA_X
ClientSampleId :
ST006RW153-200420

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.8	39.0	116.9
150	157.7	0.0	336.8



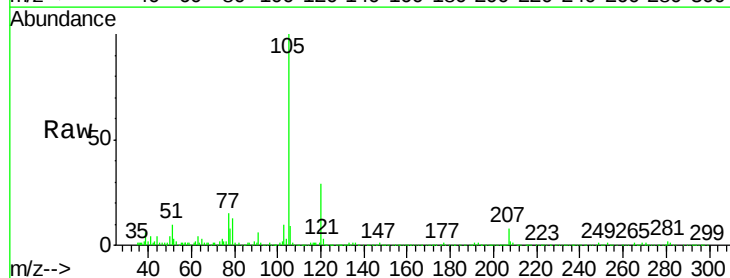
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



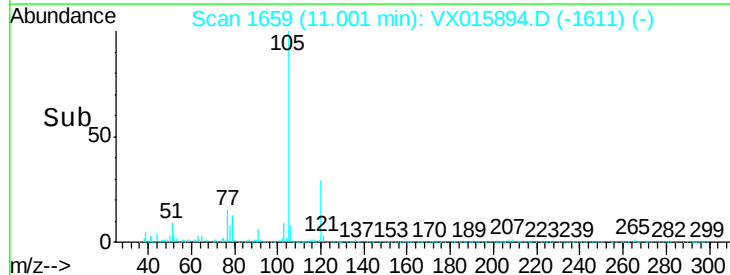
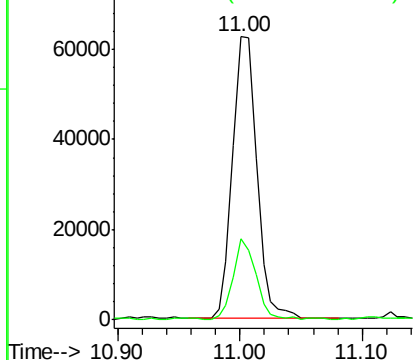
#73

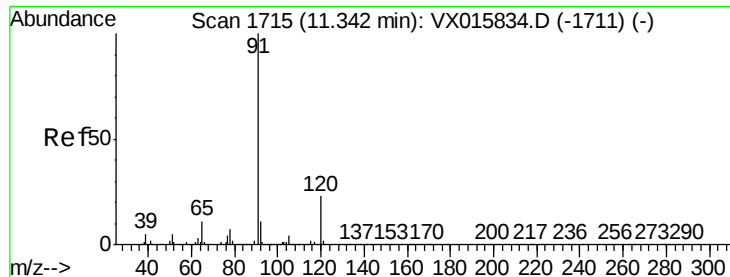
Isopropylbenzene
Concen: 1.899 ug/l
RT: 11.00 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX015894.D
Acq: 23 Apr 2020 16:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.1	39.1



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 3.227 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.00 min

Lab File: VX015894.D

Acq: 23 Apr 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

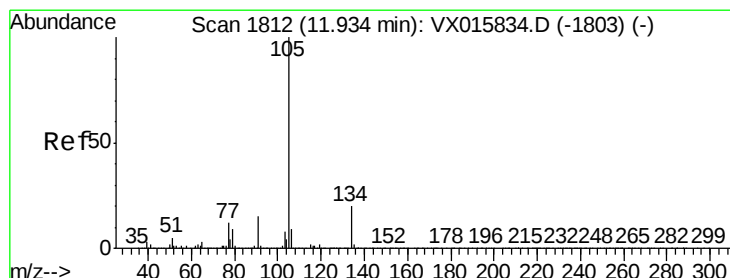
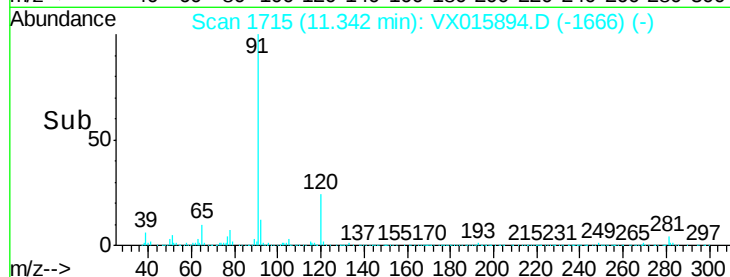
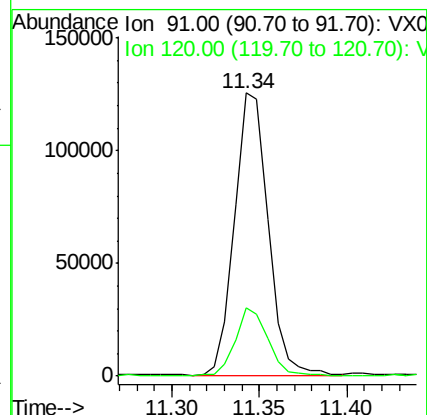
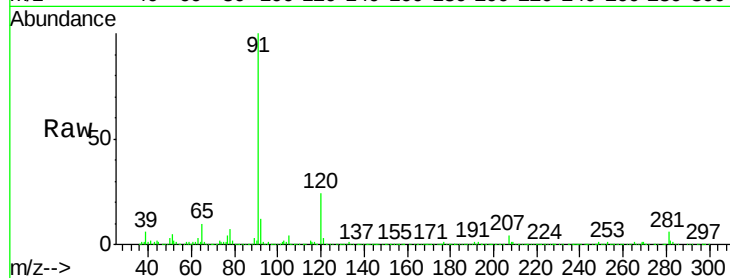
ST006RW153-200420

Tot Ion: 91 Resp: 168188

Ion Ratio Lower Upper

91 100

120 23.4 11.7 35.1



#85

sec-Butylbenzene

Concen: 0.302 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015894.D

Acq: 23 Apr 2020 16:39

Tgt Ion: 105 Resp: 13719

Ion Ratio Lower Upper

105 100

134 15.6 10.3 30.8

