

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071420\
 Data File : VY003198.D
 Acq On : 14 Jul 2020 16:08
 Operator : SY/MD
 Sample : L3300-06
 Misc : 7.19G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-8A-D2

Quant Time: Jul 15 04:14:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	374677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	572271	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	495762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	223060	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	185734	58.73	ug/l	0.00
Spiked Amount			Recovery	=	117.46%	
35) Dibromofluoromethane	7.73	113	175241	53.21	ug/l	0.00
Spiked Amount			Recovery	=	106.42%	
50) Toluene-d8	10.18	98	691881	56.51	ug/l	0.00
Spiked Amount			Recovery	=	113.02%	
62) 4-Bromofluorobenzene	12.48	95	222812	50.37	ug/l	0.00
Spiked Amount			Recovery	=	100.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.96	43	12611	17.853	ug/l	98
20) Methylene Chloride	4.72	84	6892	Below Cal		93
25) 2-Butanone	6.99	43	4028	3.473	ug/l	91
31) Cyclohexane	7.80	56	8255	1.435	ug/l #	10
36) 1,1-Dichloropropene	7.79	75	25762	4.967	ug/l #	49
38) Carbon Tetrachloride	7.80	117	32448	6.060	ug/l #	17
39) Methylcyclohexane	9.19	83	18959	2.910	ug/l	95
49) 1,4-Dioxane	9.30	88	219	7.995	ug/l #	19
51) 4-Methyl-2-Pentanone	10.17	43	8233	2.930	ug/l #	51
52) Toluene	10.24	92	63067	6.909	ug/l	99
55) 1,1,2-Trichloroethane	10.62	97	30076	9.834	ug/l #	21
56) Ethyl methacrylate	10.52	69	9654	2.322	ug/l #	1
59) 2-Hexanone	10.80	43	57582	29.353	ug/l #	28
67) Ethyl Benzene	11.59	91	470551	27.594	ug/l	97
68) m/p-Xylenes	11.70	106	840818	129.952	ug/l	99
69) o-Xylene	12.03	106	690975	114.313	ug/l	98
70) Styrene	12.03	104	34562	3.342	ug/l #	1
73) Isopropylbenzene	12.33	105	304823	21.444	ug/l	98
74) N-amyl acetate	12.12	43	355327	89.088	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	12.52	83	16924	6.164	ug/l #	26
76) 1,2,3-Trichloropropane	12.67	75	6008	3.043	ug/l #	100
78) n-propylbenzene	12.67	91	947091	56.523	ug/l	99
79) 2-Chlorotoluene	12.74	91	410296	43.888	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.81	105	2168292	183.017	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.33	75	3685	3.632	ug/l #	1
82) 4-Chlorotoluene	12.81	91	243036	24.907	ug/l #	48
83) tert-Butylbenzene	13.12	119	805127	77.018	ug/l #	63
84) 1,2,4-Trimethylbenzene	13.12	105	6470849	542.834	ug/l	97
85) sec-Butylbenzene	13.25	105	581674	40.484	ug/l	85
86) p-Isopropyltoluene	13.37	119	562110	41.900	ug/l	99
89) n-Butylbenzene	13.70	91	634980	50.319	ug/l #	71
90) Hexachloroethane	13.97	117	247449	101.284	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.38	75	6968	15.655	ug/l #	37
93) 1,2,4-Trichlorobenzene	15.05	180	12973	3.033	ug/l #	1

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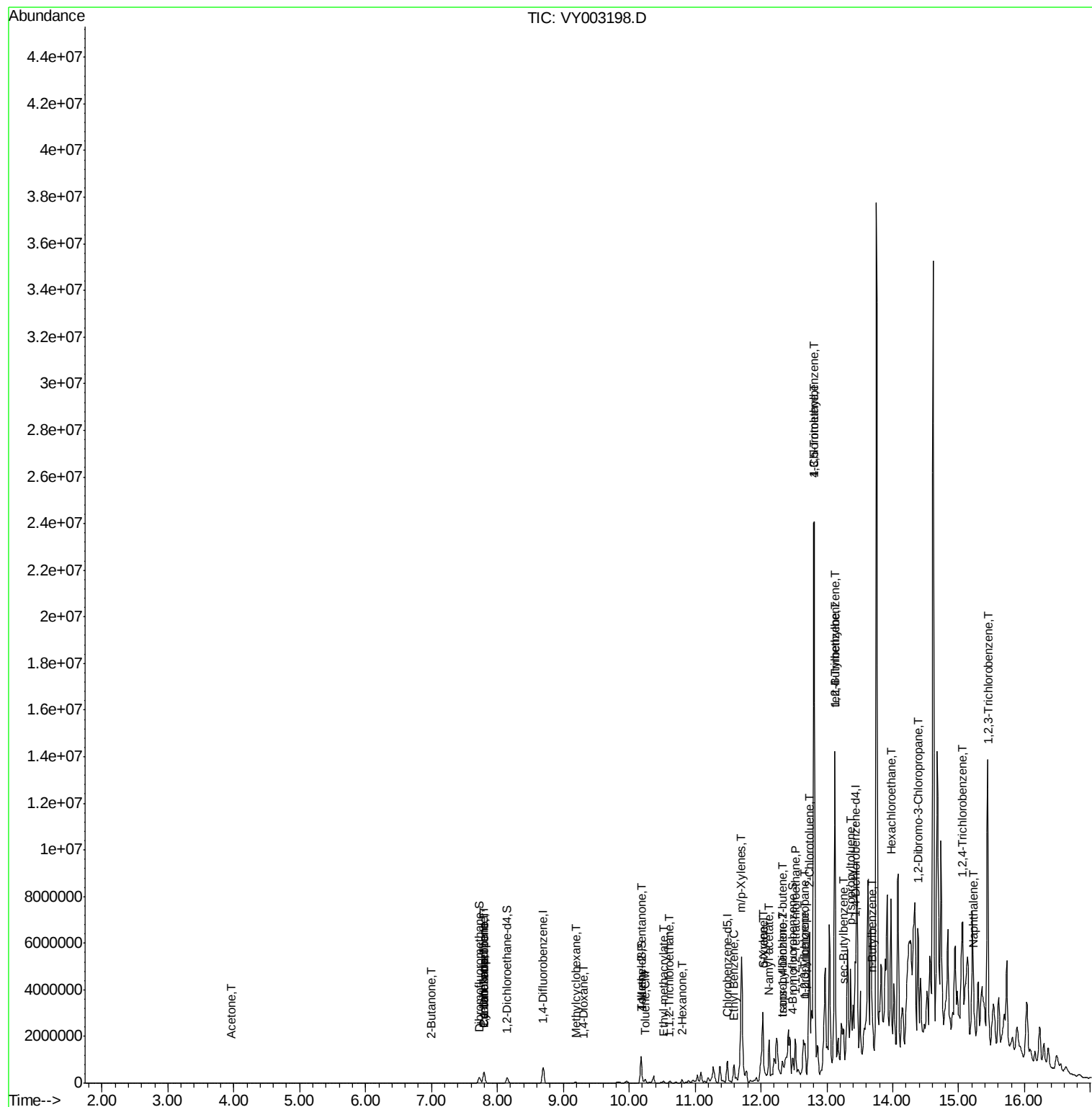
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.23	128	223192	31.570	ug/l #	68
96) 1,2,3-Trichlorobenzene	15.45	180	14747	4.361	ug/l #	1

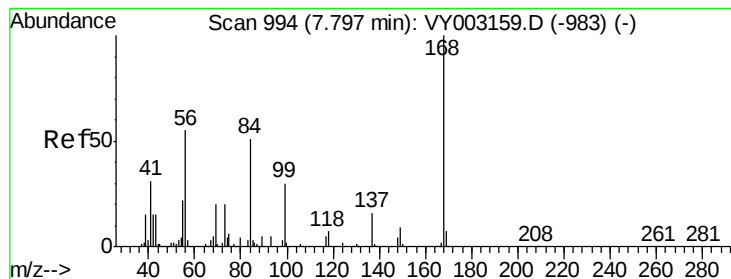
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003198.D

Acq: 14 Jul 2020 16:08

Instrument :

MSVOA_Y

ClientSampleId :

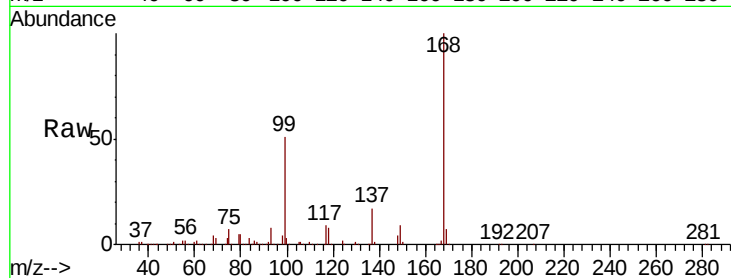
TP-8A-D2

Tot Ion:168 Resp: 374677

Ion Ratio Lower Upper

168 100

99 51.3 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003198.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003198.D (-945) (-)

7.80

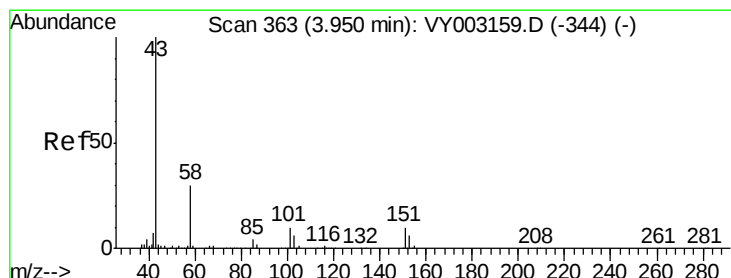
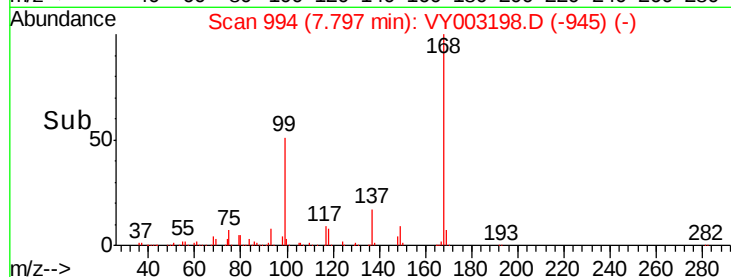
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 17.853 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003198.D

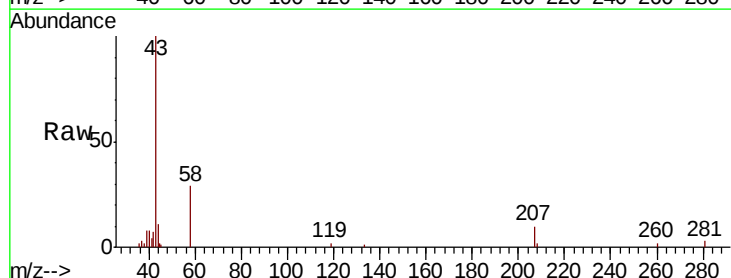
Acq: 14 Jul 2020 16:08

Tgt Ion: 43 Resp: 12611

Ion Ratio Lower Upper

43 100

58 28.7 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY003198.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003198.D (-314) (-)

3.96

5000

4000

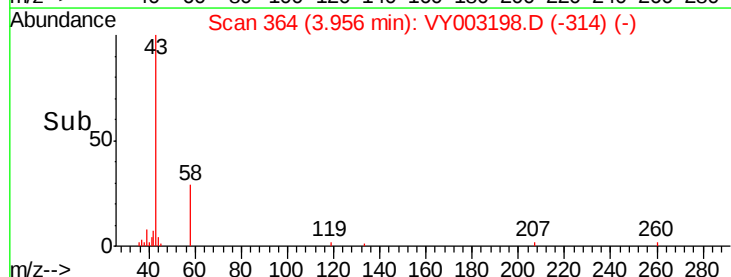
3000

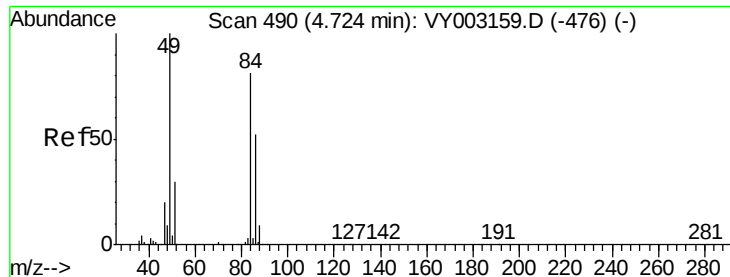
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1000

0

Time-->

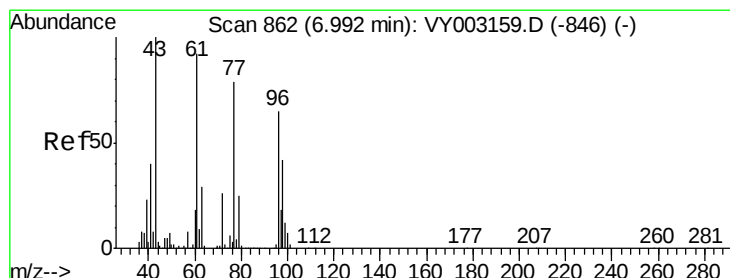
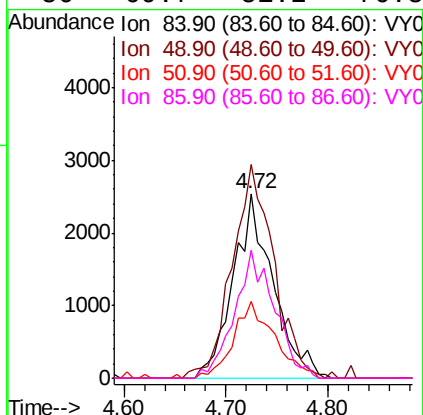
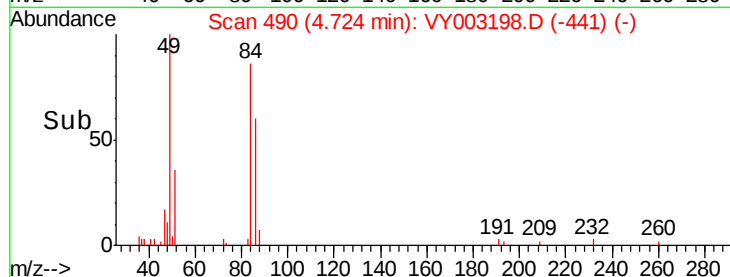
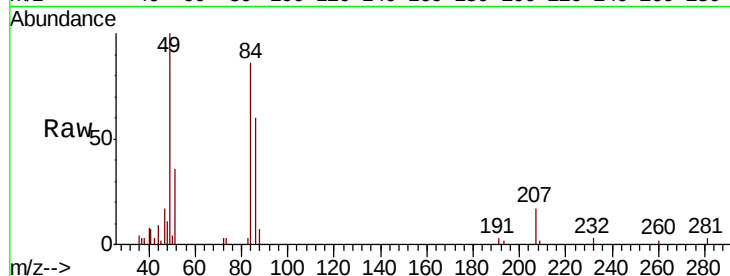




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003198.D
Acq: 14 Jul 2020 16:08

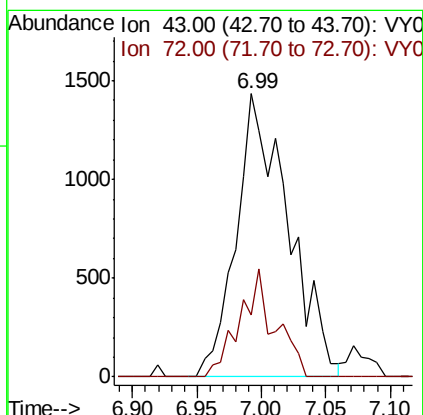
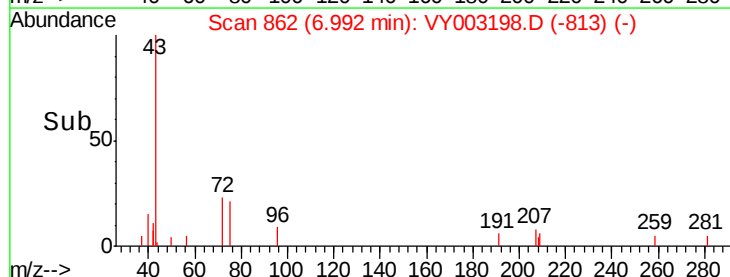
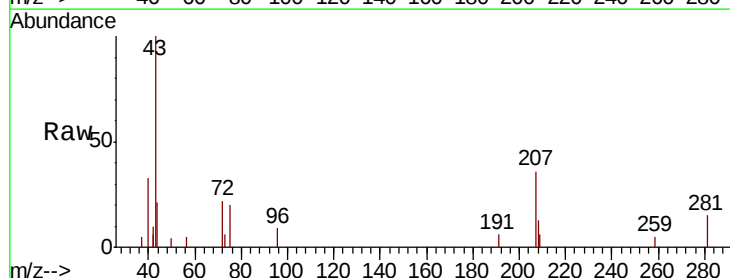
Instrument :
MSVOA_Y
ClientSampleId :
TP-8A-D2

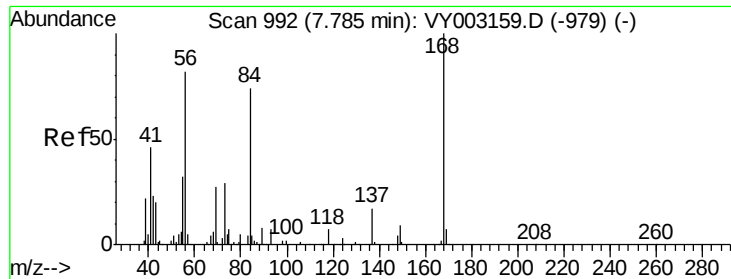
Tot Ion:	84	Resp:	6892
Ion	Ratio	Lower	Upper
84	100		
49	115.8	98.2	147.4
51	41.3	29.8	44.6
86	69.7	51.2	76.8



#25
2-Butanone
Concen: 3.473 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003198.D
Acq: 14 Jul 2020 16:08

Tgt Ion:	43	Resp:	4028
Ion	Ratio	Lower	Upper
43	100		
72	21.7	20.9	31.3

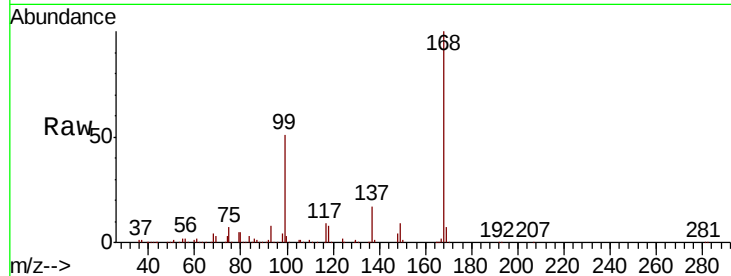




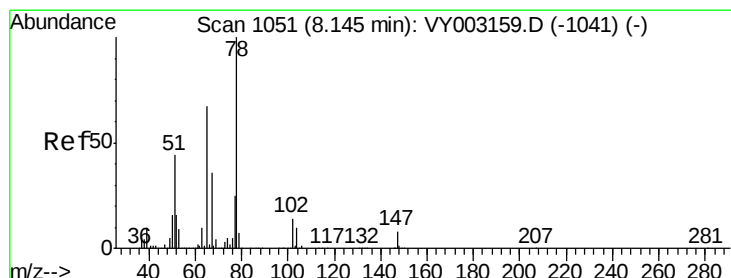
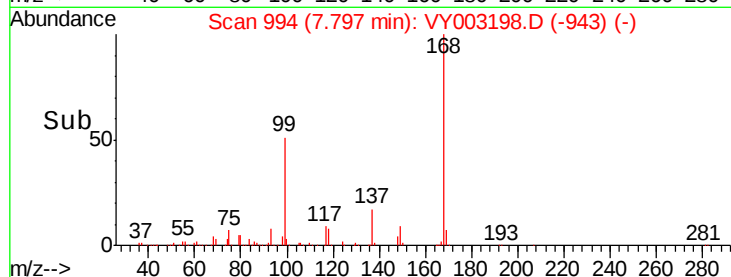
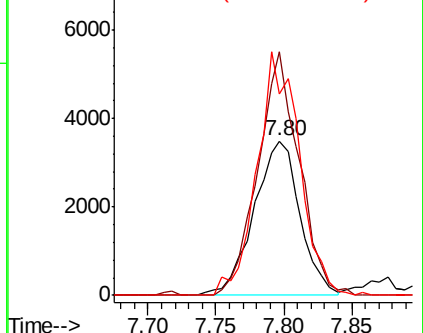
#31
Cyclohexane
Concen: 1.435 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY003198.D
Acq: 14 Jul 2020 16:08

Instrument :
MSVOA_Y
ClientSampleId :
TP-8A-D2

Tot Ion: 56 Resp: 8255
Ion Ratio Lower Upper
56 100
69 157.6 26.7 40.1#
84 130.8 72.3 108.5#

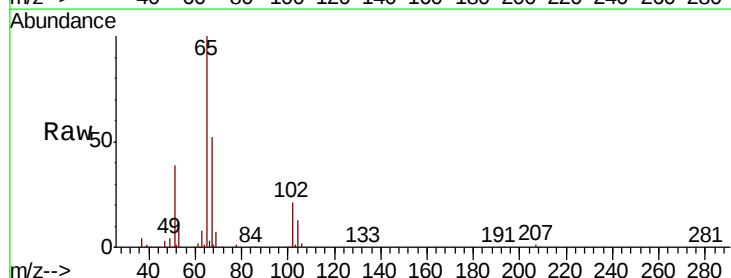


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

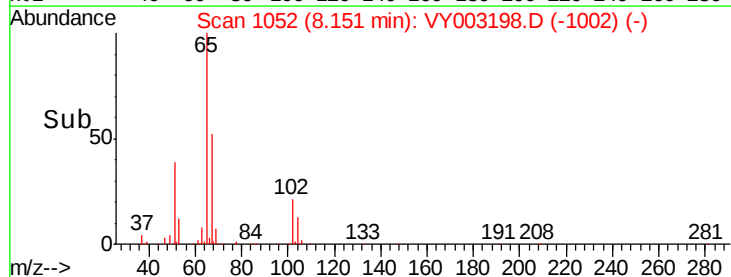
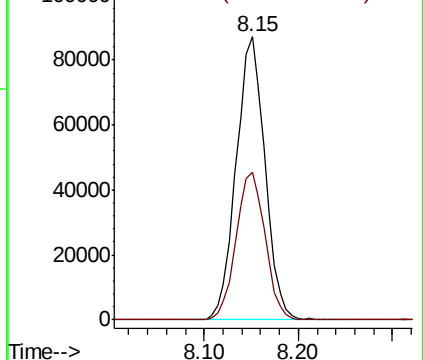


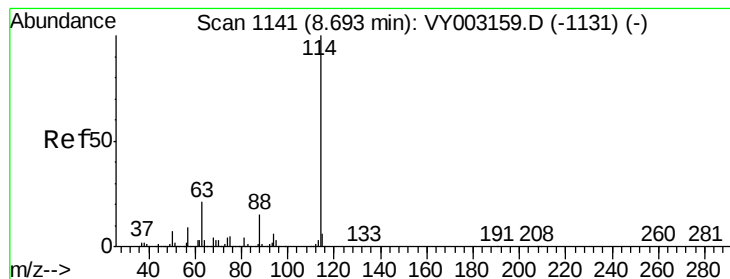
#33
1,2-Dichloroethane-d4
Concen: 58.732 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VY003198.D
Acq: 14 Jul 2020 16:08

Tgt Ion: 65 Resp: 185734
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY003198.D

Acq: 14 Jul 2020 16:08

Instrument :

MSVOA_Y

ClientSampleId :

TP-8A-D2

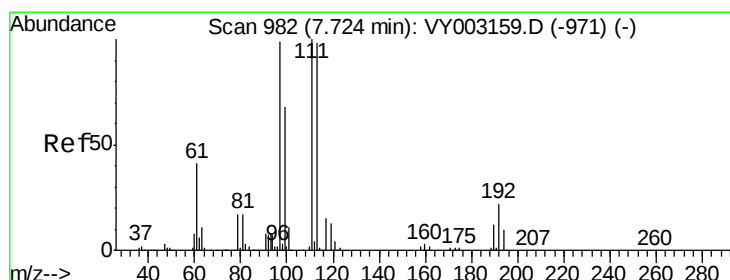
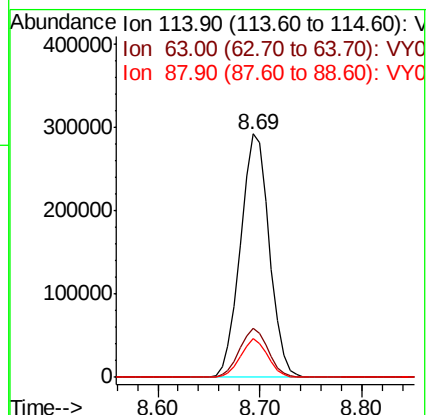
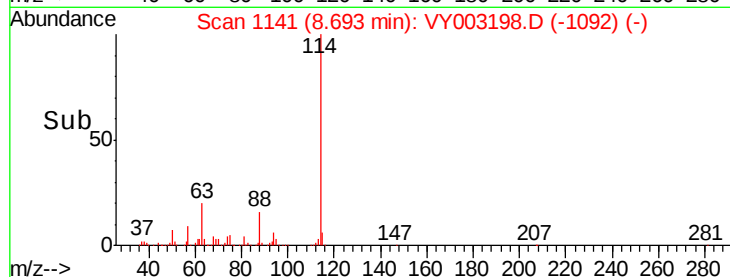
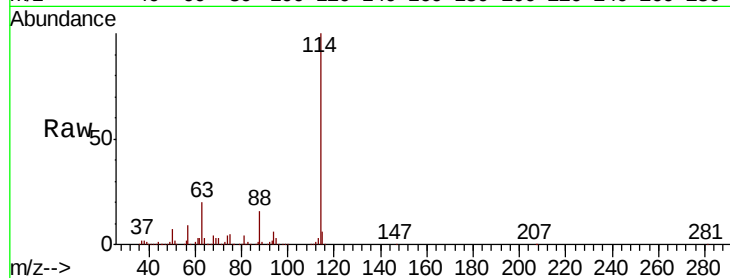
Tot Ion:114 Resp: 572271

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.2

88 15.7 0.0 30.2



#35

Dibromofluoromethane

Concen: 53.212 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY003198.D

Acq: 14 Jul 2020 16:08

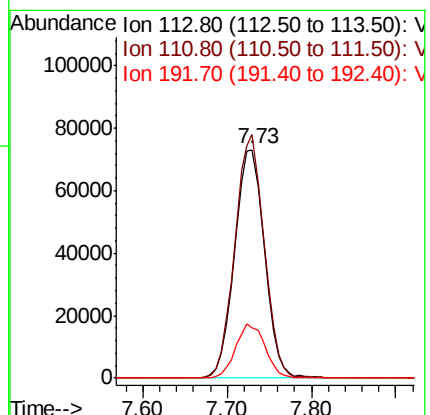
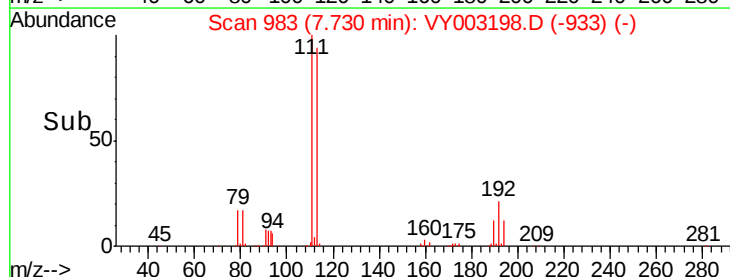
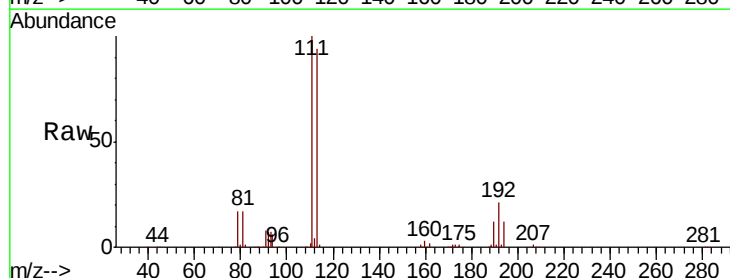
Tgt Ion:113 Resp: 175241

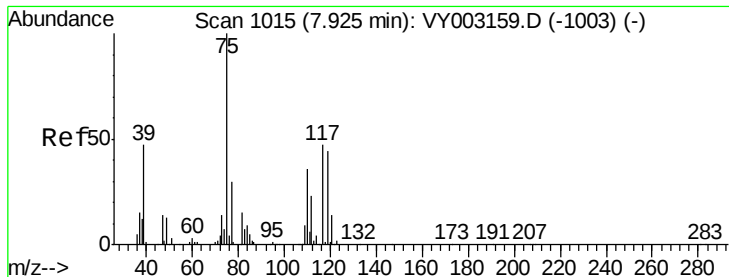
Ion Ratio Lower Upper

113 100

111 104.4 82.1 123.1

192 23.3 18.8 28.2





#36

1,1-Dichloropropene

Concen: 4.967 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.13 min

Lab File: VY003198.D

Acq: 14 Jul 2020 16:08

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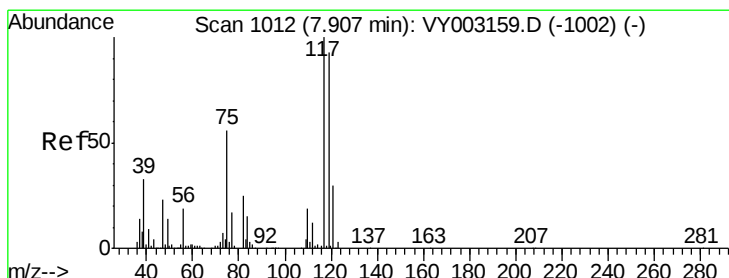
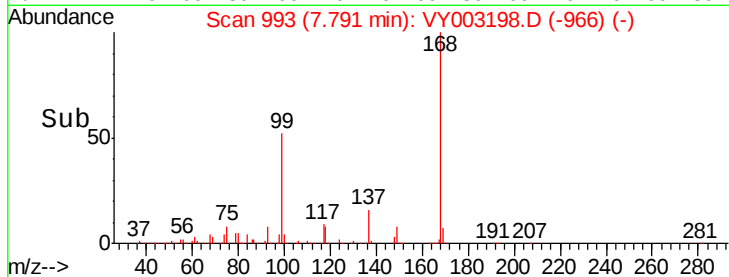
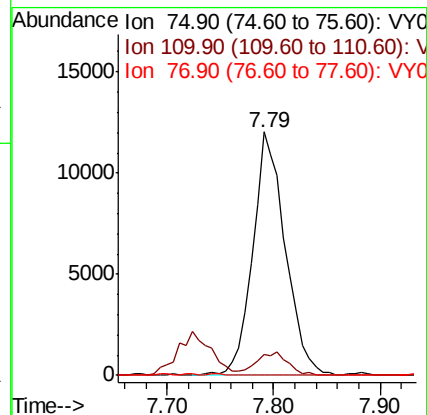
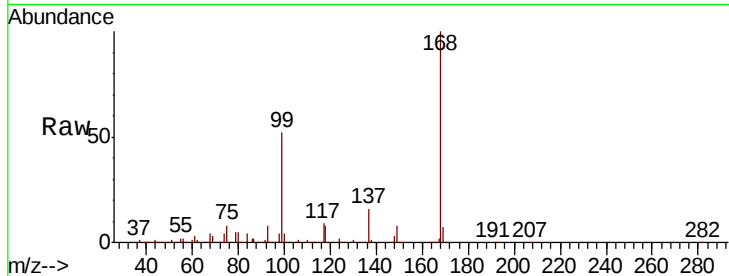
Tot Ion: 75 Resp: 25762

Ion Ratio Lower Upper

75 100

110 9.3 18.1 54.1#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.060 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003198.D

Acq: 14 Jul 2020 16:08

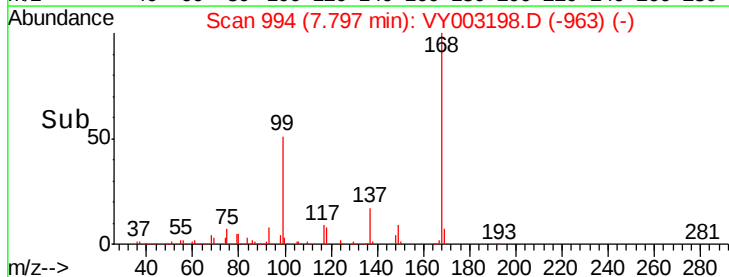
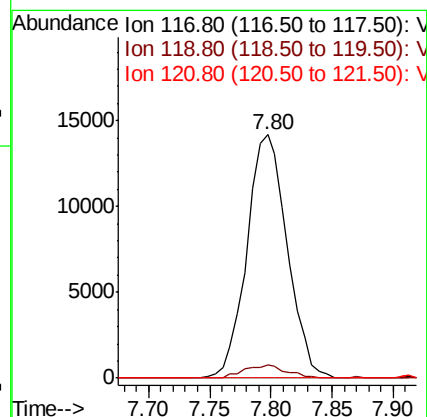
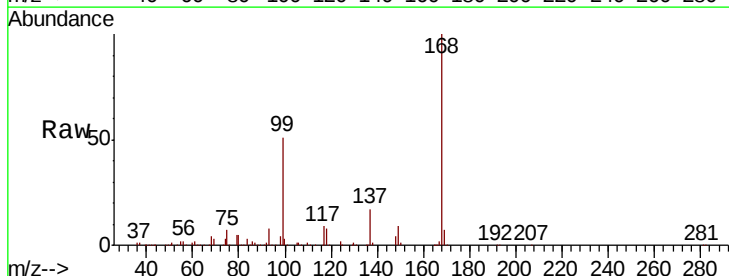
Tgt Ion: 117 Resp: 32448

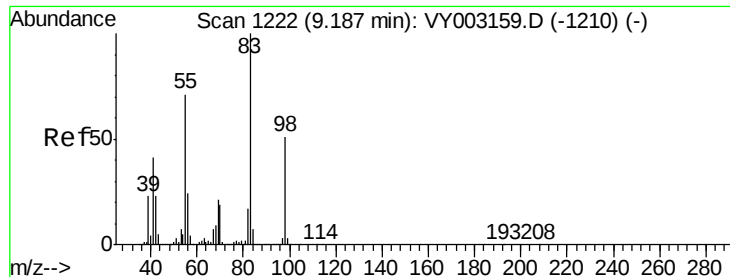
Ion Ratio Lower Upper

117 100

119 5.2 74.5 111.7#

121 0.0 24.2 36.2#

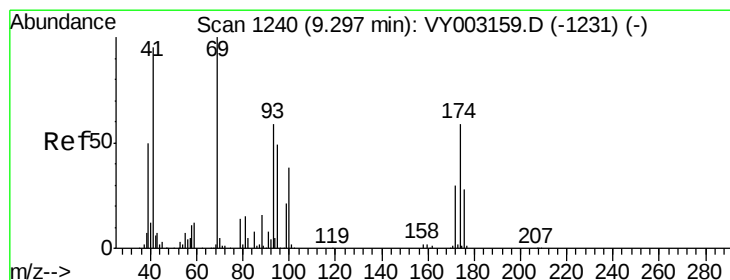
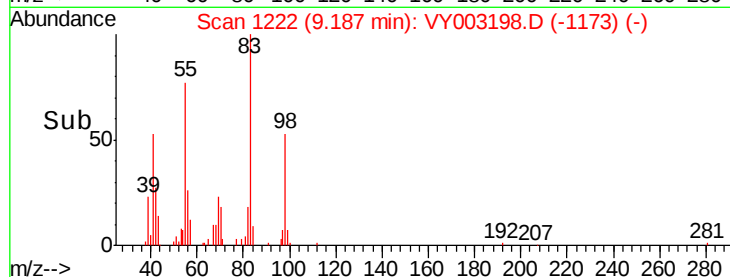
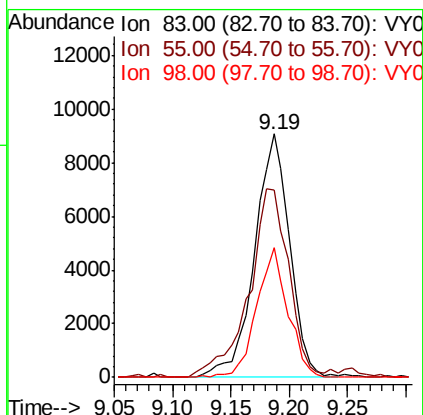
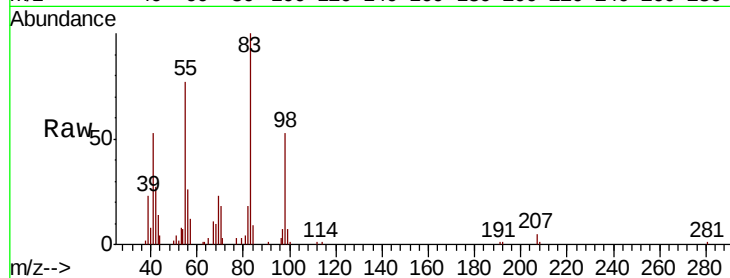




#39
Methvlcvclohexane
Concen: 2.910 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003198.D
Acq: 14 Jul 2020 16:08

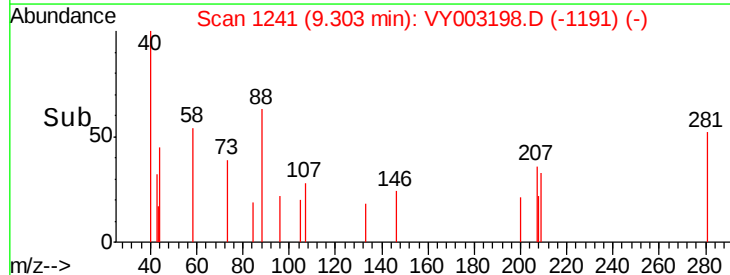
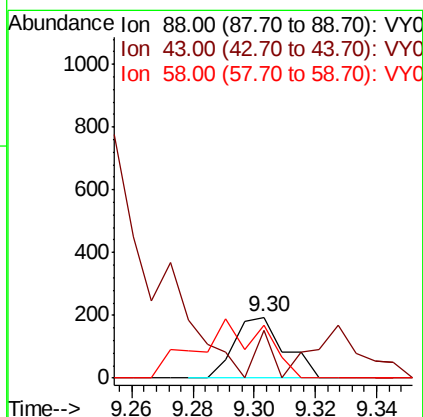
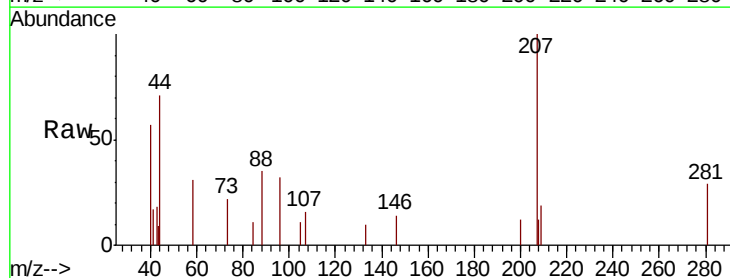
Instrument :
MSVOA_Y
ClientSampled :
TP-8A-D2

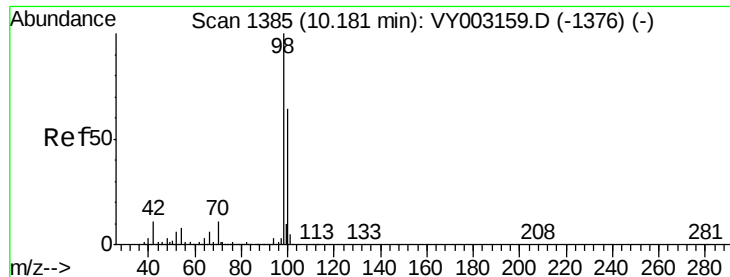
Tot Ion: 83 Resp: 18959
Ion Ratio Lower Upper
83 100
55 77.0 57.2 85.8
98 53.4 41.0 61.6



#49
1,4-Dioxane
Concen: 7.995 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003198.D
Acq: 14 Jul 2020 16:08

Tgt Ion: 88 Resp: 219
Ion Ratio Lower Upper
88 100
43 0.0 25.6 38.4#
58 130.1 47.8 71.6#





#50

Toluene-d8

Concen: 56.508 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003198.D

Acq: 14 Jul 2020 16:08

Instrument :

MSVOA_Y

ClientSampleId :

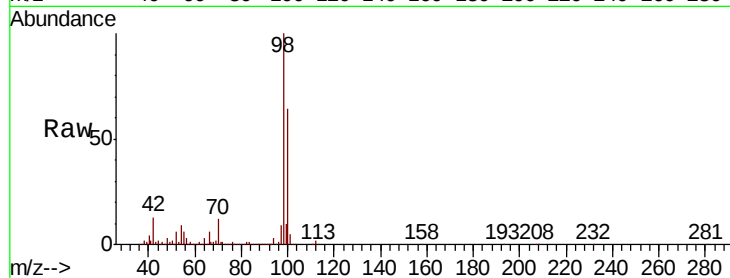
TP-8A-D2

Tot Ion: 98 Resp: 691881

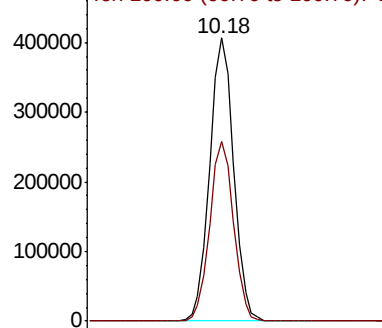
Ion Ratio Lower Upper

98 100

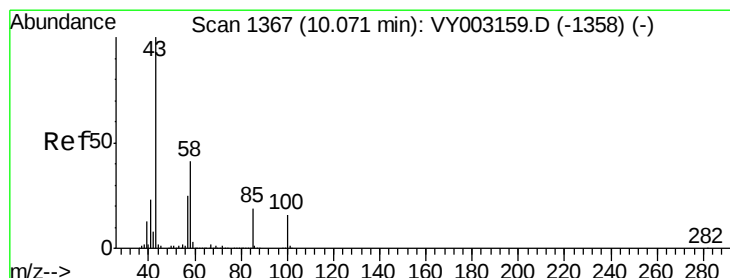
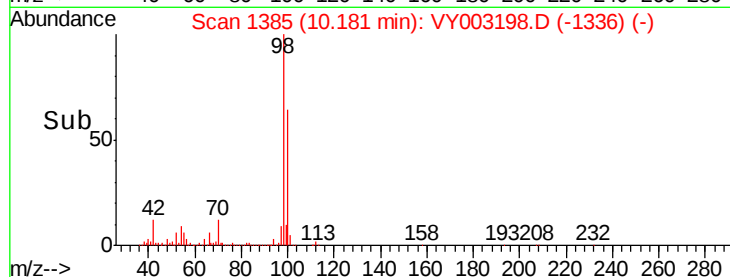
100 63.0 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY003159.D (-1376) (-)



Time-->



#51

4-Methyl-2-Pentanone

Concen: 2.930 ug/l

RT: 10.17 min Scan# 1384

Delta R.T. 0.10 min

Lab File: VY003198.D

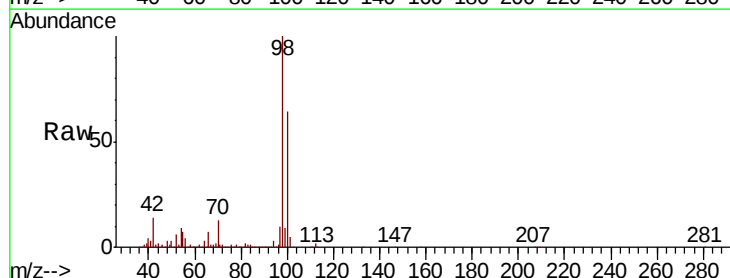
Acq: 14 Jul 2020 16:08

Tgt Ion: 43 Resp: 8233

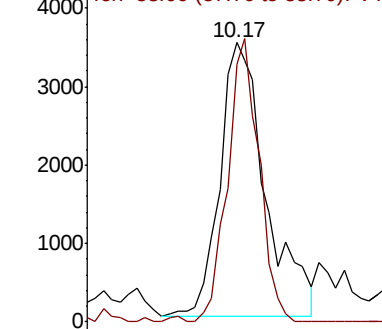
Ion Ratio Lower Upper

43 100

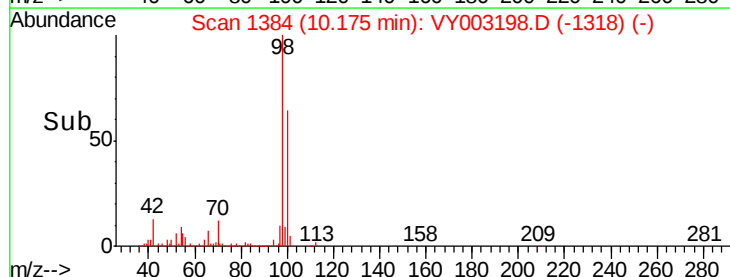
58 71.3 32.7 49.1#

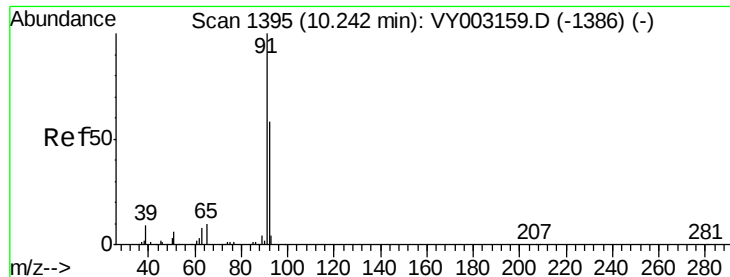


Abundance Ion 43.00 (42.70 to 43.70): VY003159.D (-1358) (-)



Time-->





#52

Toluene

Concen: 6.909 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY003198.D

Acq: 14 Jul 2020 16:08

Instrument :

MSVOA_Y

ClientSampleId :

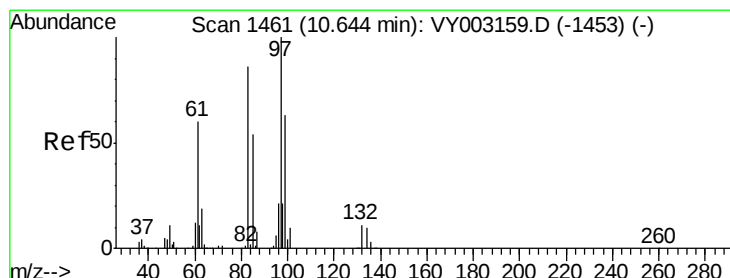
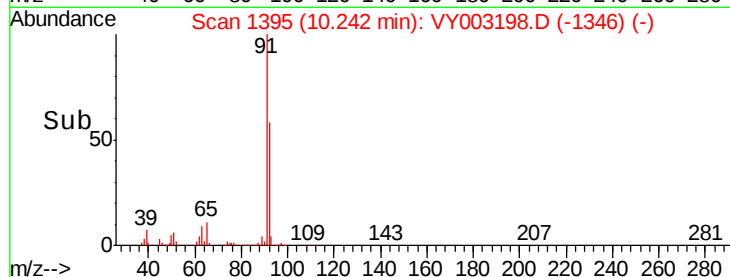
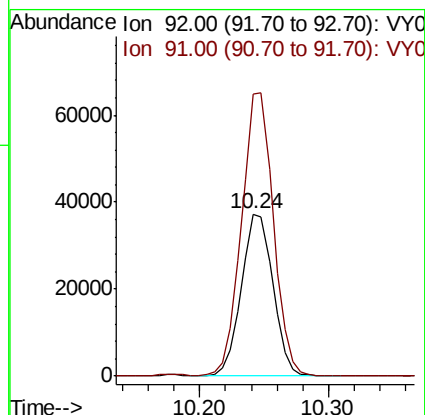
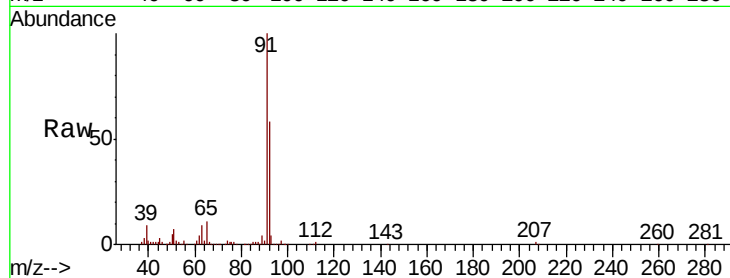
TP-8A-D2

Tot Ion: 92 Resp: 63067

Ion Ratio Lower Upper

92 100

91 176.6 139.7 209.5



#55

1,1,2-Trichloroethane

Concen: 9.834 ug/l

RT: 10.62 min Scan# 1457

Delta R.T. -0.02 min

Lab File: VY003198.D

Acq: 14 Jul 2020 16:08

Tgt Ion: 97 Resp: 30076

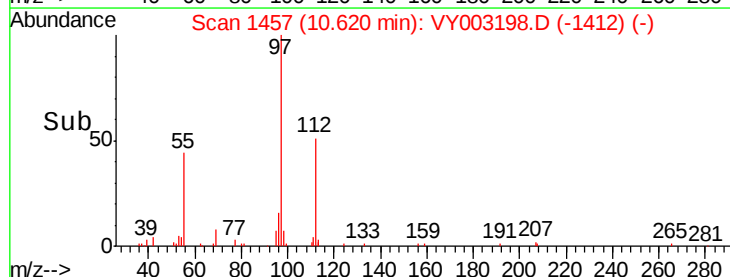
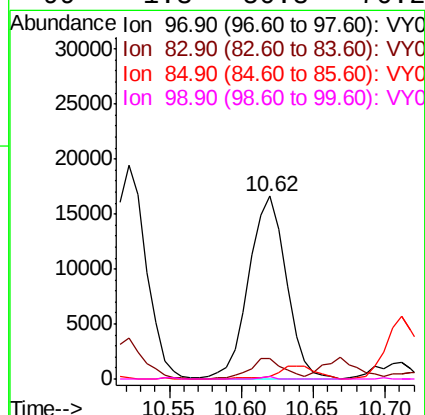
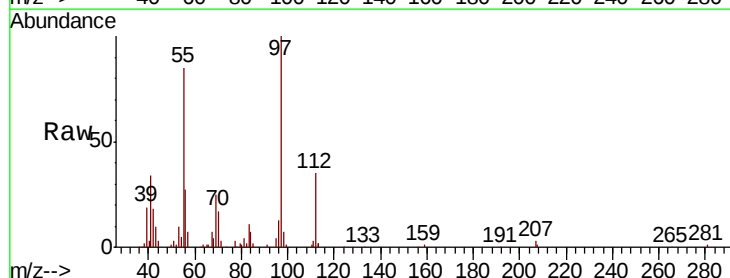
Ion Ratio Lower Upper

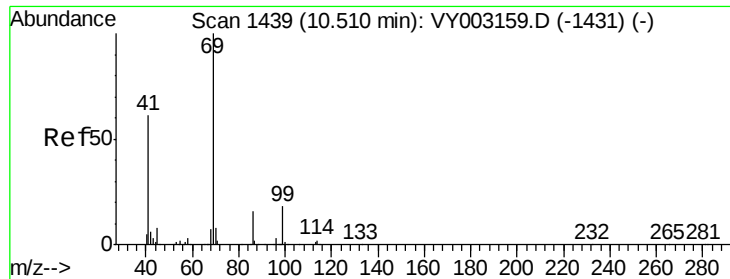
97 100

83 11.5 68.8 103.2#

85 1.5 43.1 64.7#

99 1.3 50.8 76.2#





#56

Ethyl methacrylate

Concen: 2.322 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. 0.01 min

Lab File: VY003198.D

Acq: 14 Jul 2020 16:08

Instrument :

MSVOA_Y

ClientSampled :

TP-8A-D2

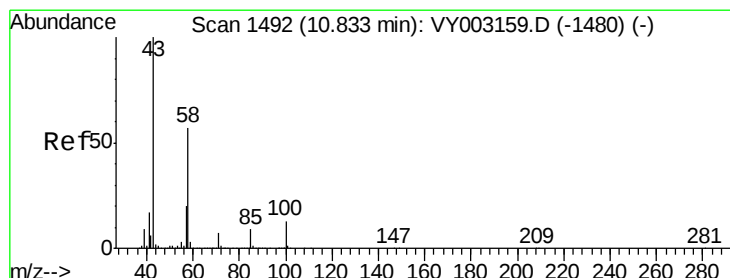
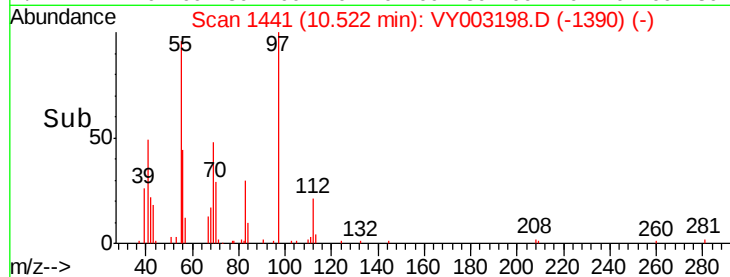
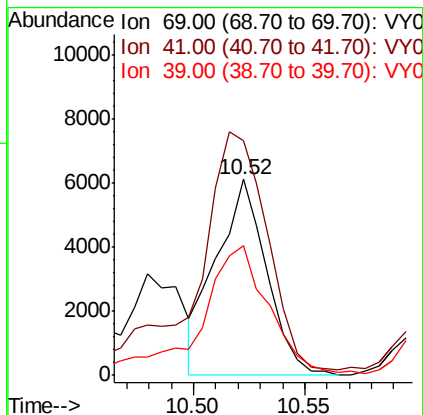
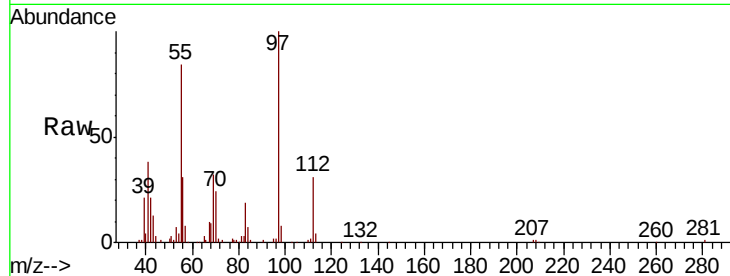
Tot Ion: 69 Resp: 9654

Ion Ratio Lower Upper

69 100

41 171.5 50.0 75.0#

39 95.5 27.6 41.4#



#59

2-Hexanone

Concen: 29.353 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. -0.03 min

Lab File: VY003198.D

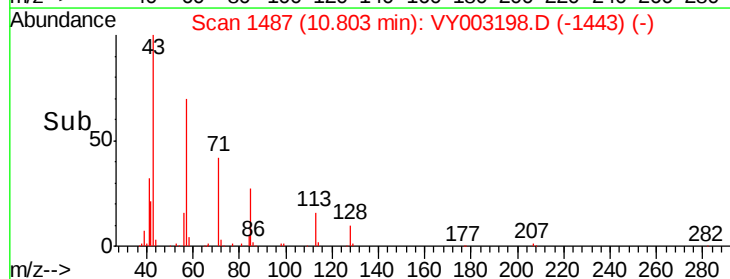
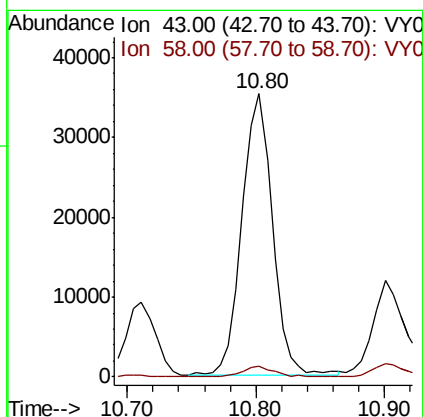
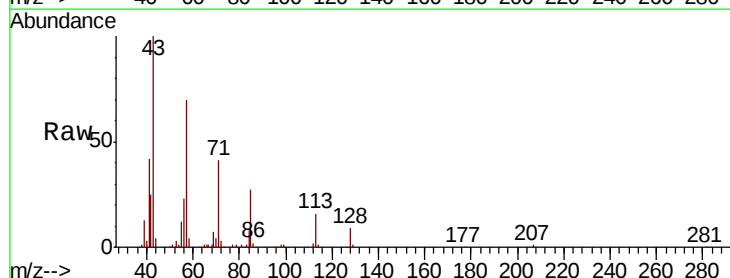
Acq: 14 Jul 2020 16:08

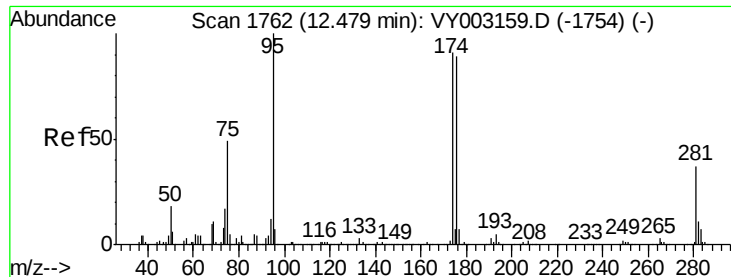
Tgt Ion: 43 Resp: 57582

Ion Ratio Lower Upper

43 100

58 4.1 28.3 85.0#





#62

4-Bromofluorobenzene

Concen: 50.373 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003198.D

Acq: 14 Jul 2020 16:08

Instrument :

MSVOA_Y

ClientSampleId :

TP-8A-D2

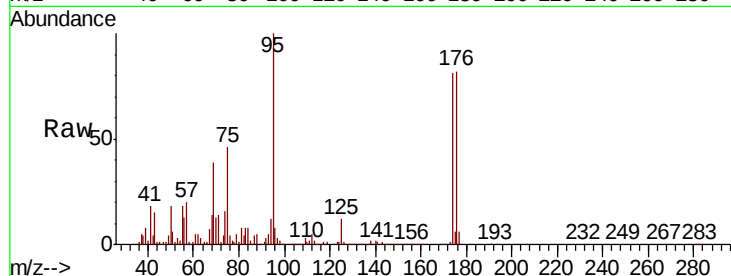
Tot Ion: 95 Resp: 222812

Ion Ratio Lower Upper

95 100

174 85.6 0.0 190.6

176 83.5 0.0 186.4

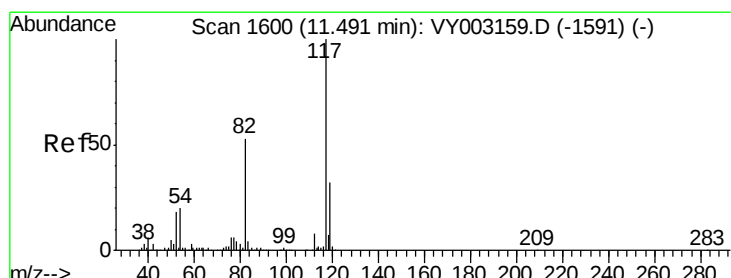
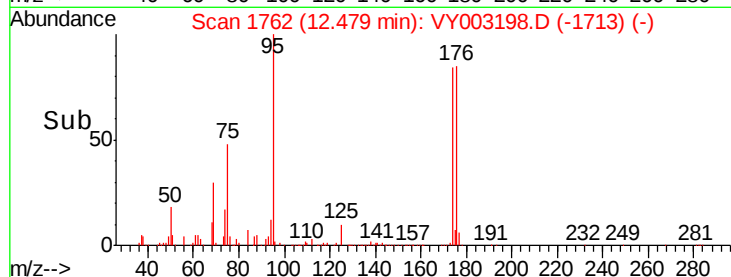
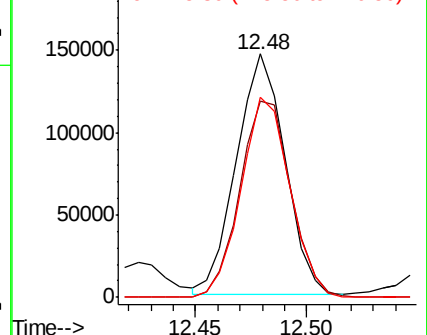


Abundance

Ion 94.90 (94.60 to 95.60): VY003159.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY003159.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY003159.D (-1754) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY003198.D

Acq: 14 Jul 2020 16:08

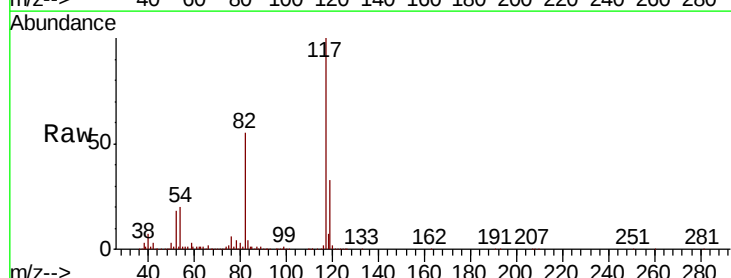
Tgt Ion: 117 Resp: 495762

Ion Ratio Lower Upper

117 100

82 52.2 42.0 63.0

119 32.9 25.5 38.3

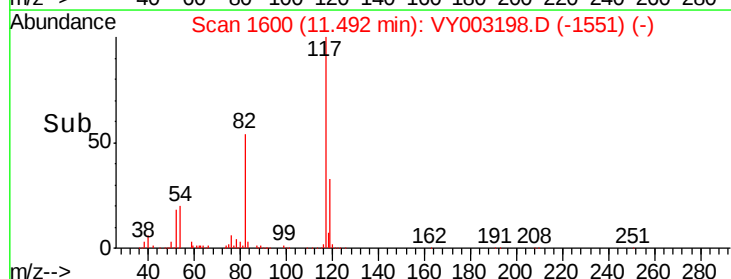
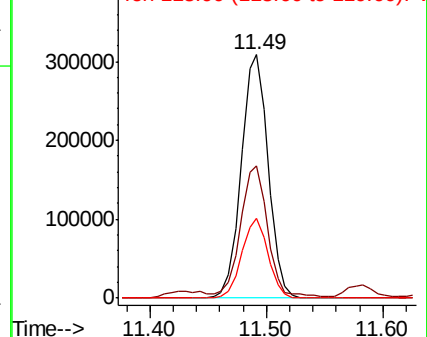


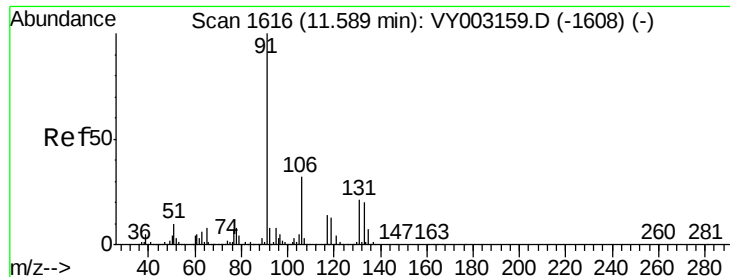
Abundance

Ion 116.90 (116.60 to 117.60): VY003159.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY003159.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY003159.D (-1591) (-)





#67

Ethyl Benzene

Concen: 27.594 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003198.D

Acq: 14 Jul 2020 16:08

Instrument :

MSVOA_Y

ClientSampled :

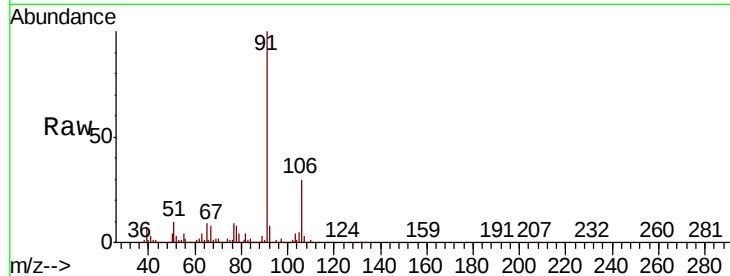
TP-8A-D2

Tot Ion: 91 Resp: 470551

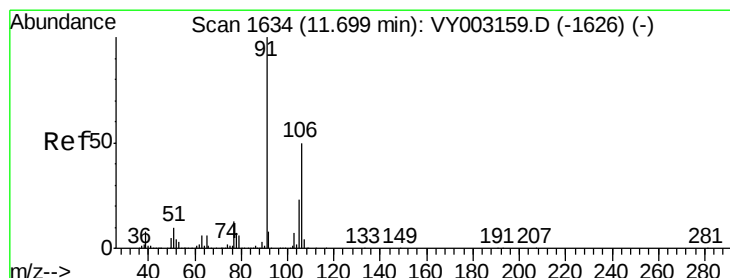
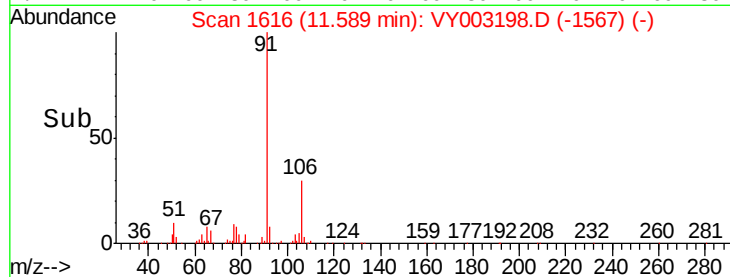
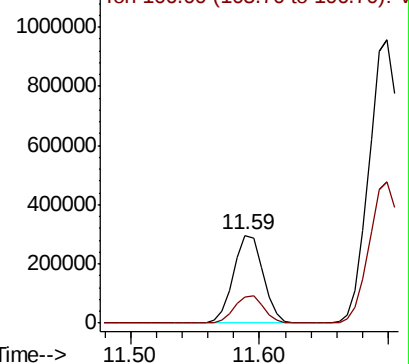
Ion Ratio Lower Upper

91 100

106 30.0 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VY003159.D (-1608) (-)



#68

m/p-Xylenes

Concen: 129.952 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY003198.D

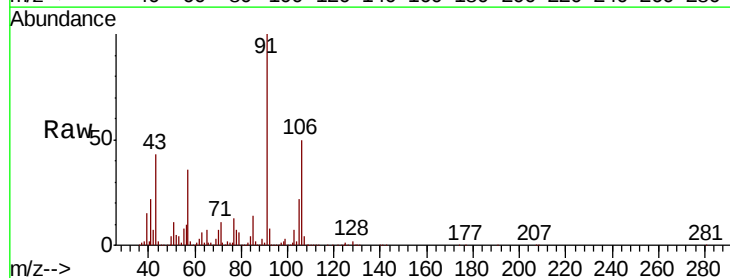
Acq: 14 Jul 2020 16:08

Tgt Ion: 106 Resp: 840818

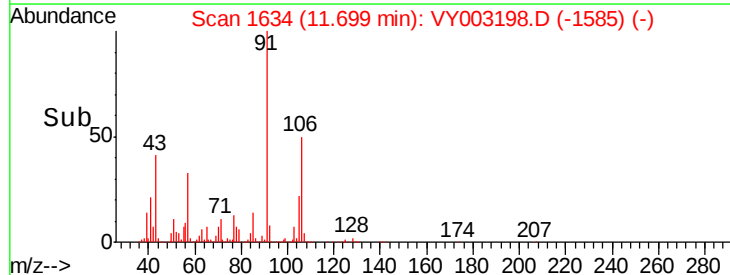
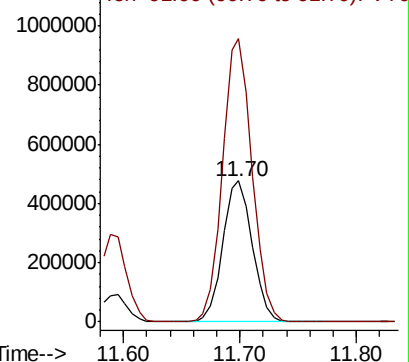
Ion Ratio Lower Upper

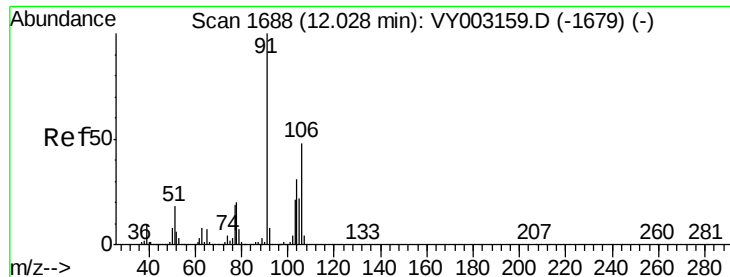
106 100

91 200.0 159.0 238.6



Abundance Ion 106.00 (105.70 to 106.70): VY003159.D (-1626) (-)

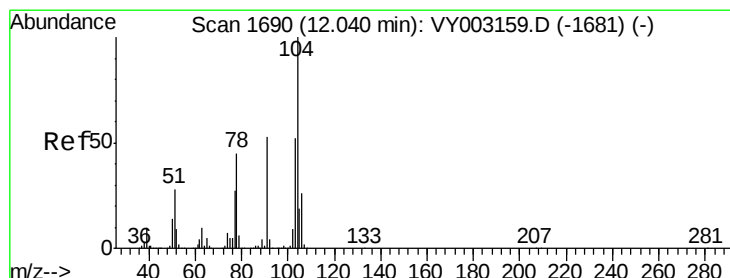
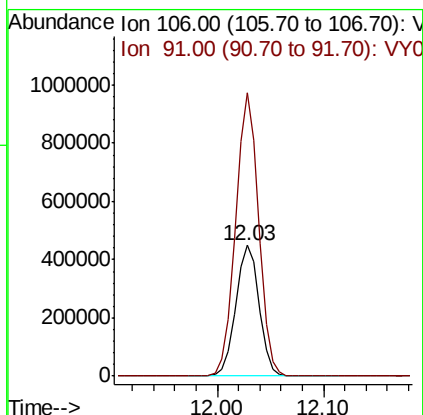
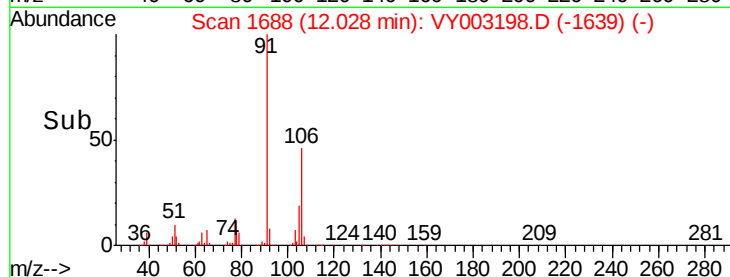
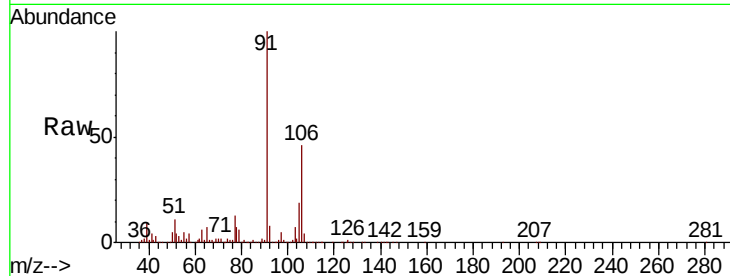




#69
o-Xylene
Concen: 114.313 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003198.D
Acq: 14 Jul 2020 16:08

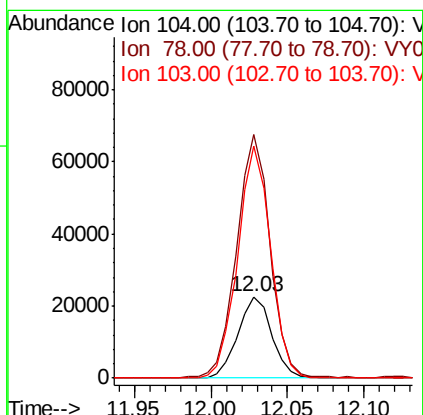
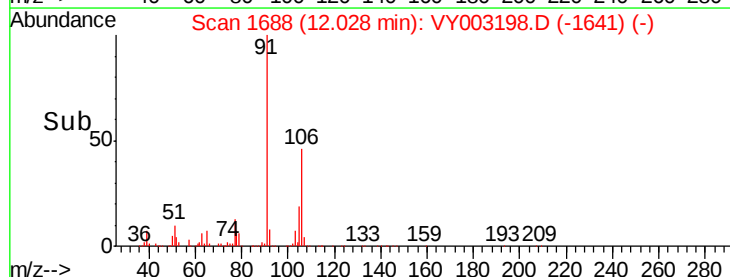
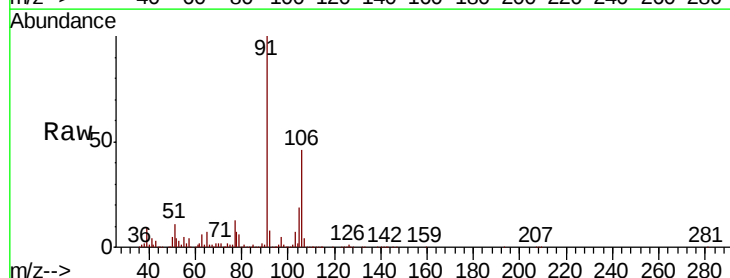
Instrument :
MSVOA_Y
ClientSampleId :
TP-8A-D2

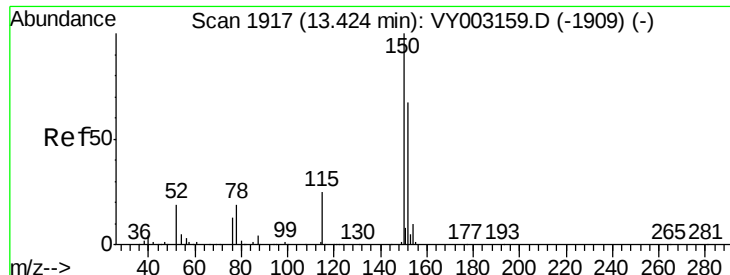
Tot Ion:106 Resp: 690975
Ion Ratio Lower Upper
106 100
91 213.5 105.1 315.1



#70
Styrene
Concen: 3.342 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY003198.D
Acq: 14 Jul 2020 16:08

Tgt Ion:104 Resp: 34562
Ion Ratio Lower Upper
104 100
78 299.2 38.5 57.7#
103 278.5 43.9 65.9#



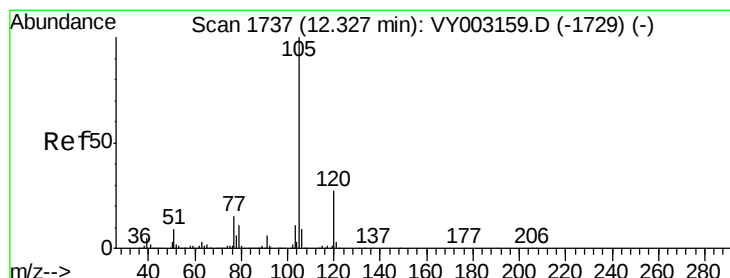
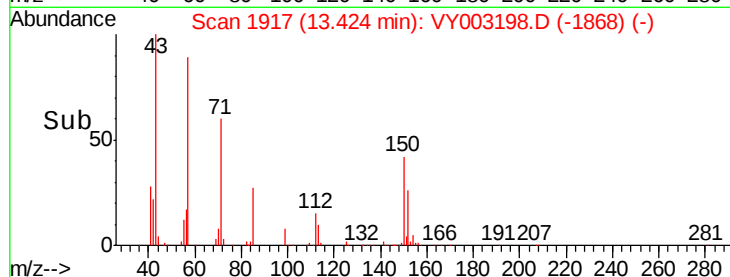
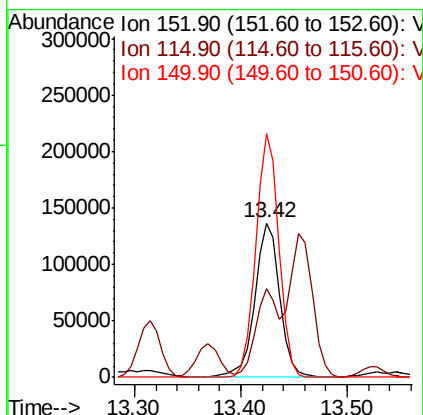
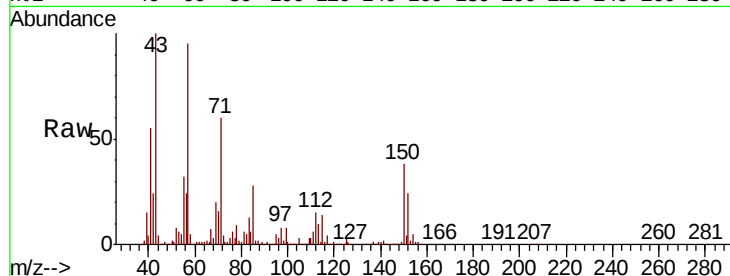


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003198.D
Acq: 14 Jul 2020 16:08

Instrument :
MSVOA_Y
ClientSampleId :
TP-8A-D2

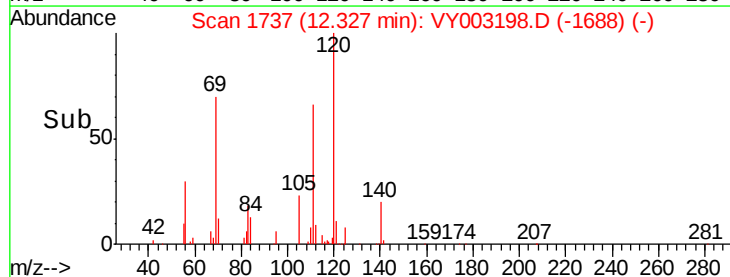
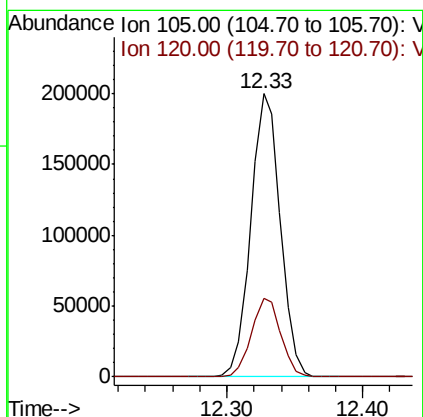
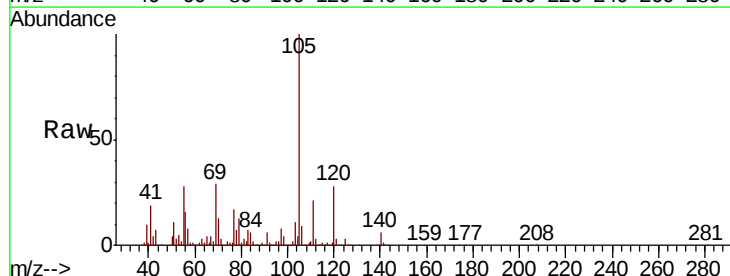
Tot Ion	Ratio	Lower	Upper
152	100		
115	49.0	26.9	80.7
150	146.3	0.0	338.0

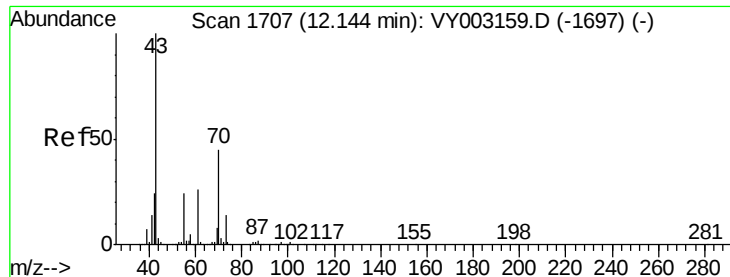


#73

Isopropylbenzene
Concen: 21.444 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY003198.D
Acq: 14 Jul 2020 16:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.6	13.4	40.2





#74

N-amvl acetate

Concen: 89.088 ug/l

RT: 12.12 min Scan# 1703

Delta R.T. -0.02 min

Lab File: VY003198.D

Acq: 14 Jul 2020 16:08

Instrument :

MSVOA_Y

ClientSampleId :

TP-8A-D2

Tot Ion: 43 Resp: 355327

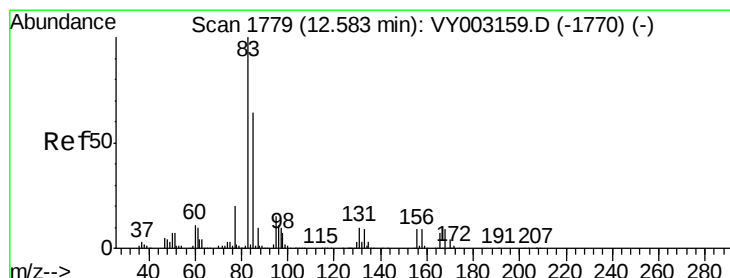
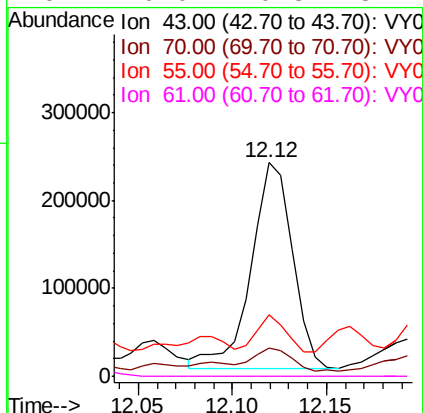
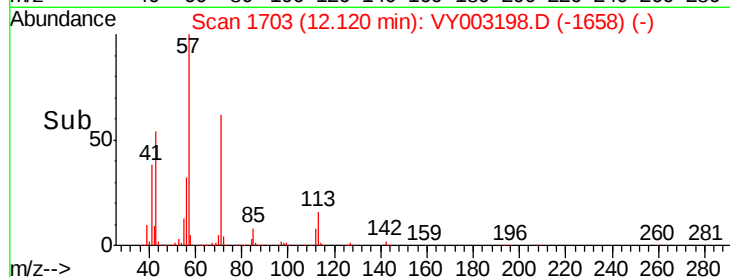
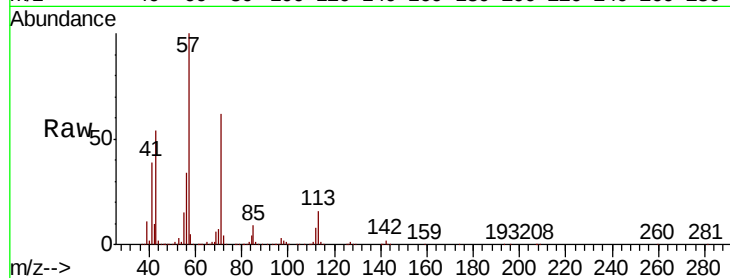
Ion Ratio Lower Upper

43 100

70 9.8 35.6 53.4#

55 12.5 19.4 29.2#

61 0.0 20.8 31.2#



#75

1,1,2,2-Tetrachloroethane

Concen: 6.164 ug/l

RT: 12.52 min Scan# 1769

Delta R.T. -0.06 min

Lab File: VY003198.D

Acq: 14 Jul 2020 16:08

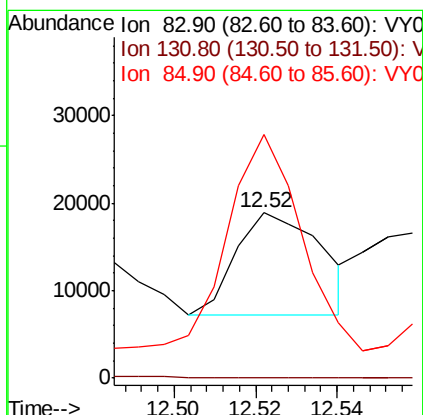
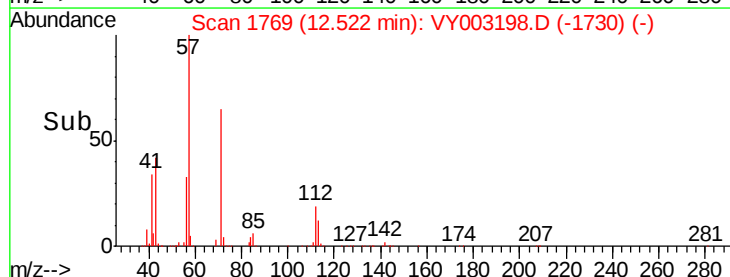
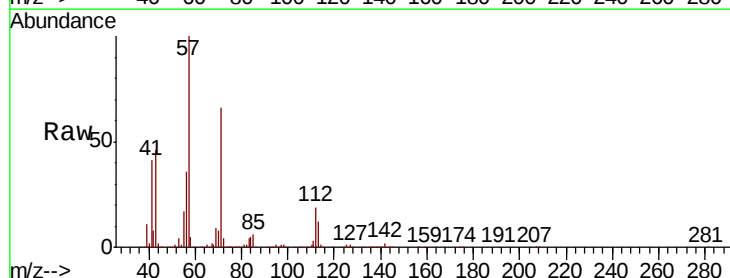
Tgt Ion: 83 Resp: 16924

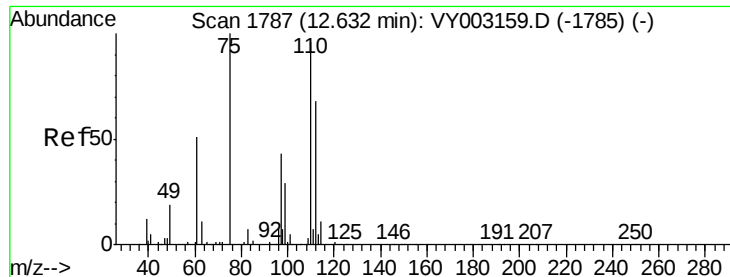
Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

85 0.0 32.0 96.0#





#76

1,2,3-Trichloropropane

Concen: 3.043 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.04 min

Lab File: VY003198.D

Acq: 14 Jul 2020 16:08

Instrument :

MSVOA_Y

ClientSampleId :

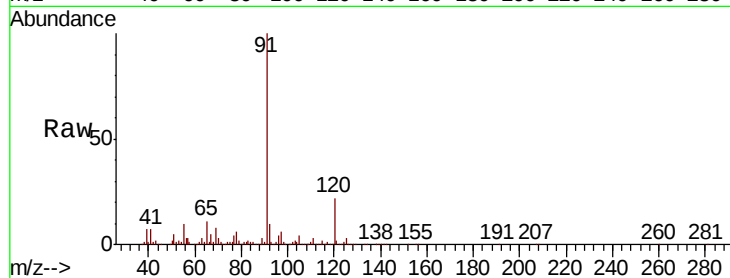
TP-8A-D2

Tot Ion: 75 Resp: 6008

Ion Ratio Lower Upper

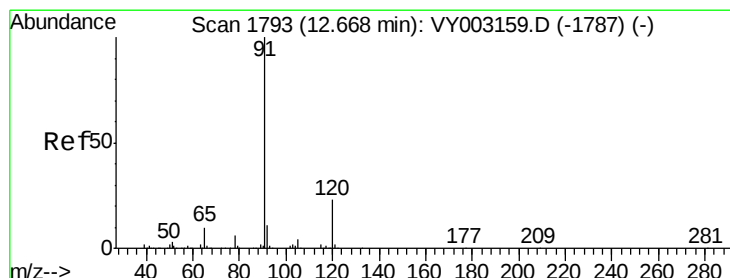
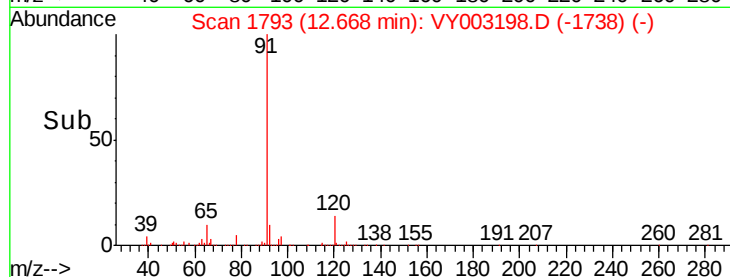
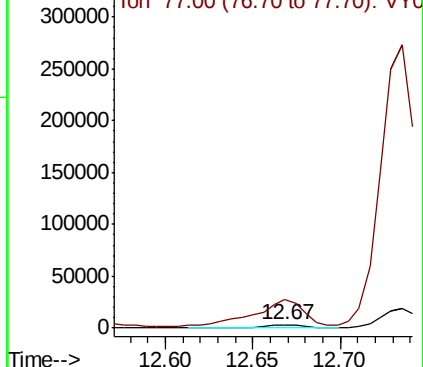
75 100

77 834.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



#78

n-propylbenzene

Concen: 56.523 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003198.D

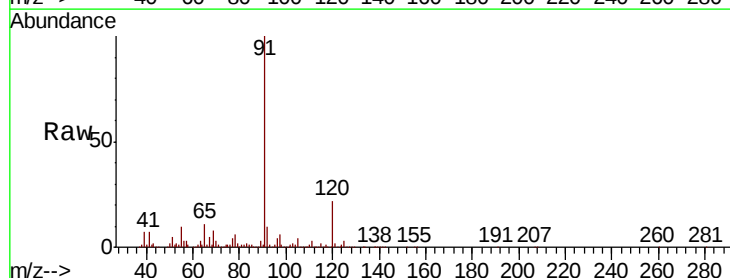
Acq: 14 Jul 2020 16:08

Tgt Ion: 91 Resp: 947091

Ion Ratio Lower Upper

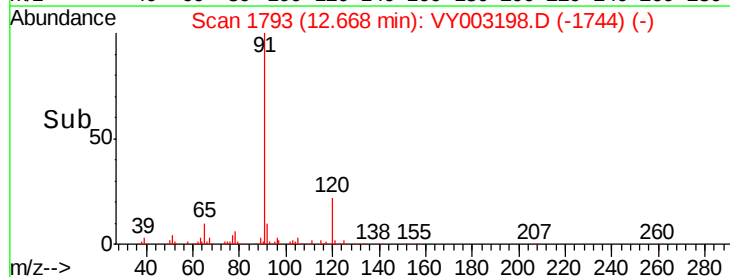
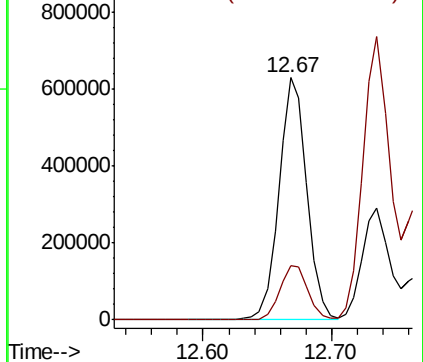
91 100

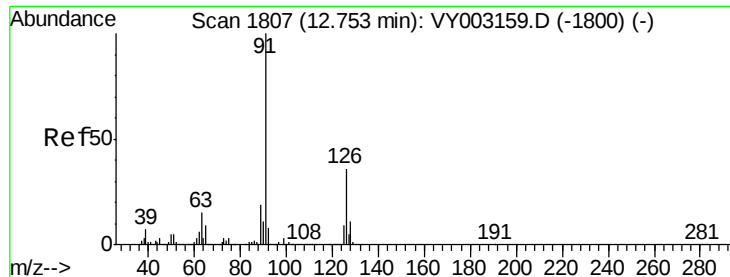
120 22.7 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

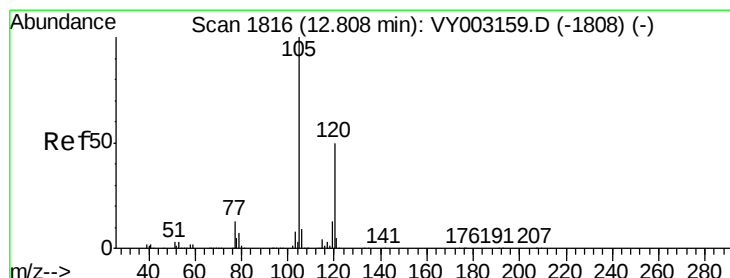
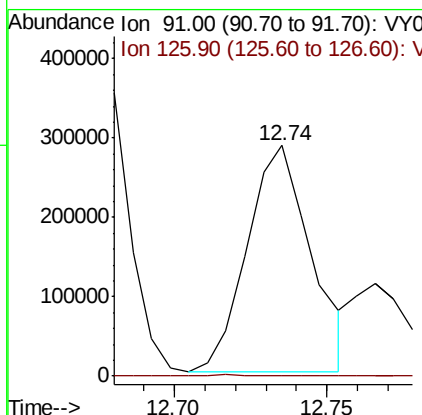
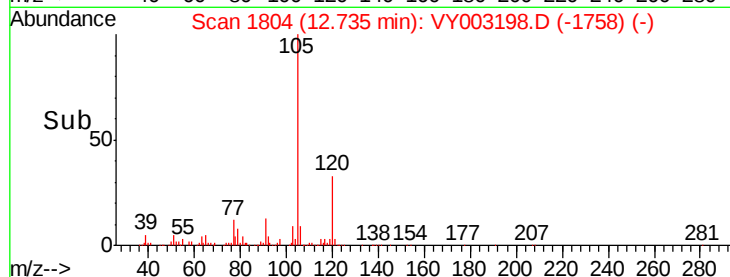
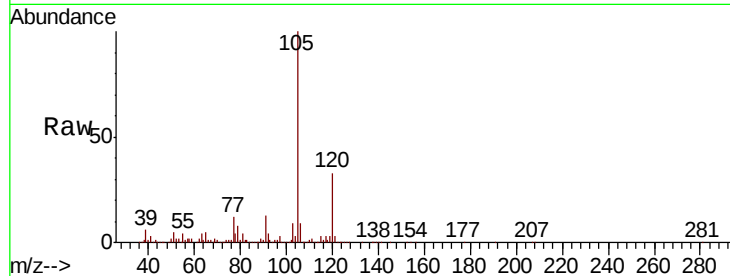




#79
 2-Chlorotoluene
 Concen: 43.888 ug/l
 RT: 12.74 min Scan# 1804
 Delta R.T. -0.02 min
 Lab File: VY003198.D
 Acq: 14 Jul 2020 16:08

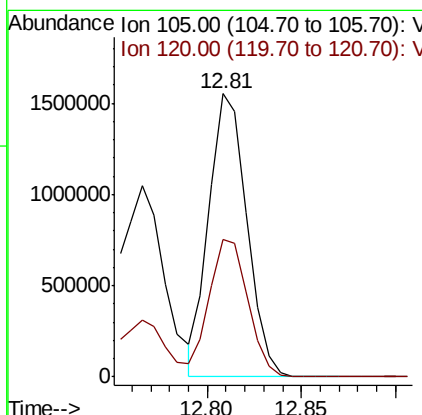
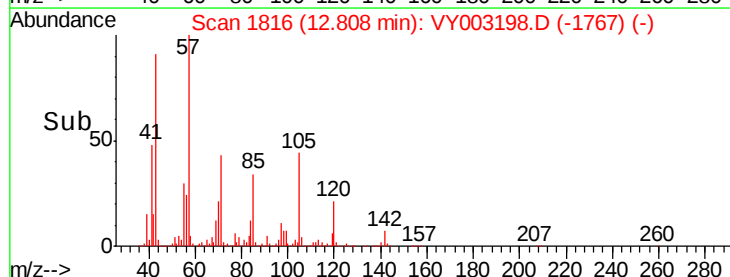
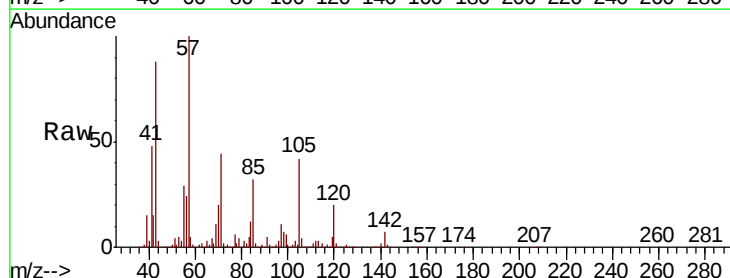
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-8A-D2

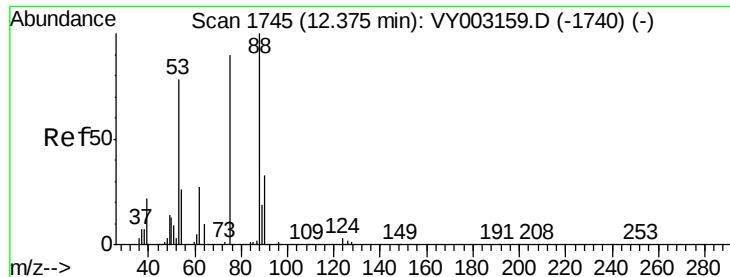
Tot Ion: 91 Resp: 410296
 Ion Ratio Lower Upper
 91 100
 126 0.7 17.6 52.9#



#80
 1,3,5-Trimethylbenzene
 Concen: 183.017 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY003198.D
 Acq: 14 Jul 2020 16:08

Tgt Ion: 105 Resp: 2168292
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 3.632 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.05 min

Lab File: VY003198.D

Acq: 14 Jul 2020 16:08

Instrument :

MSVOA_Y

ClientSampleId :

TP-8A-D2

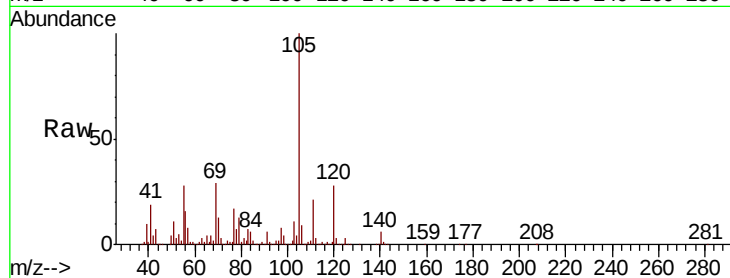
Tot Ion: 75 Resp: 3685

Ion Ratio Lower Upper

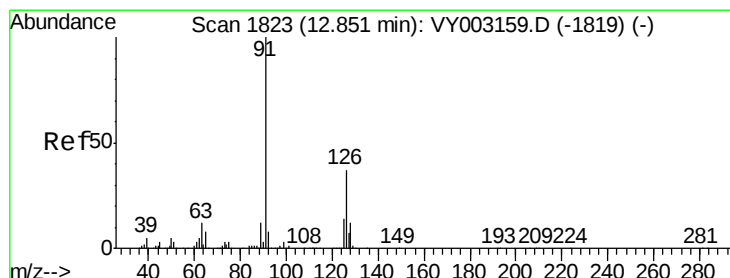
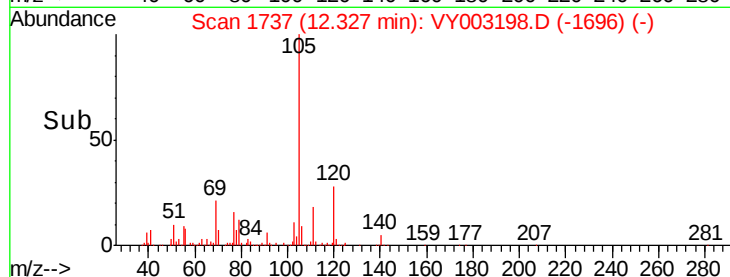
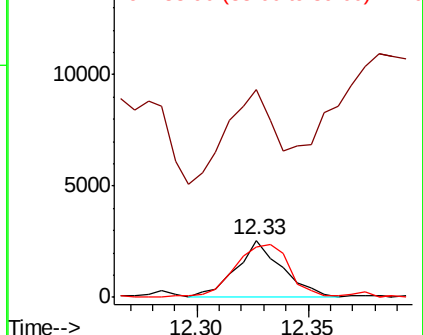
75 100

53 187.1 72.0 108.0#

89 111.1 37.3 55.9#



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 24.907 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.04 min

Lab File: VY003198.D

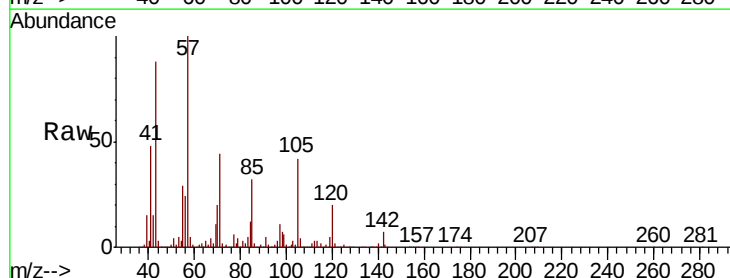
Acq: 14 Jul 2020 16:08

Tgt Ion: 91 Resp: 243036

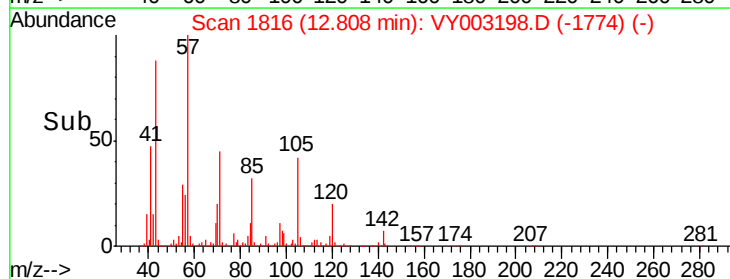
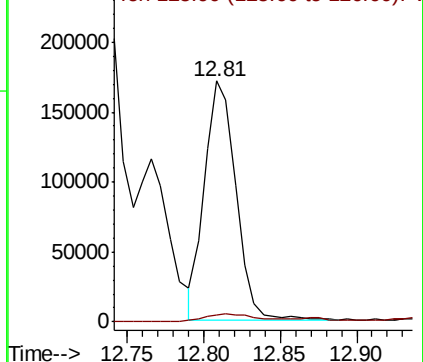
Ion Ratio Lower Upper

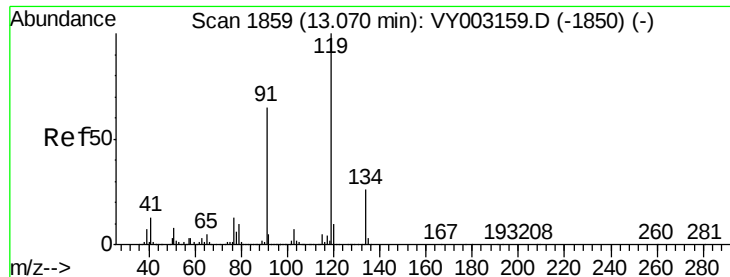
91 100

126 5.3 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V

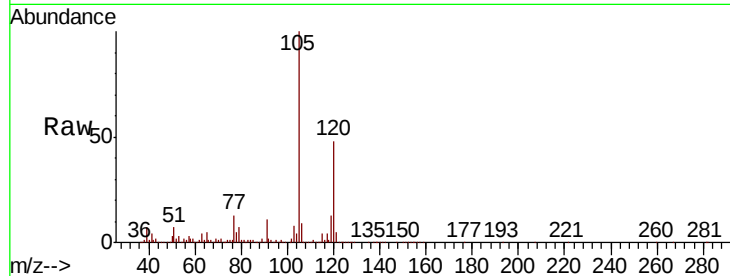




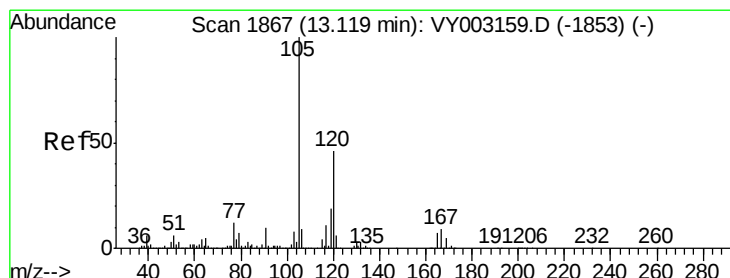
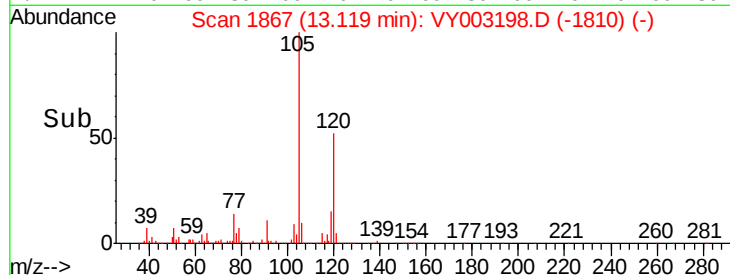
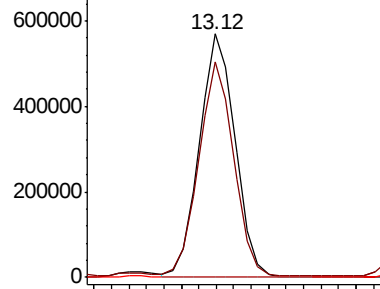
#83
tert-Butylbenzene
Concen: 77.018 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.05 min
Lab File: VY003198.D
Acq: 14 Jul 2020 16:08

Instrument :
MSVOA_Y
ClientSampleId :
TP-8A-D2

Tot Ion:119 Resp: 805127
Ion Ratio Lower Upper
119 100
91 85.4 30.8 92.4
134 0.0 13.2 39.6#

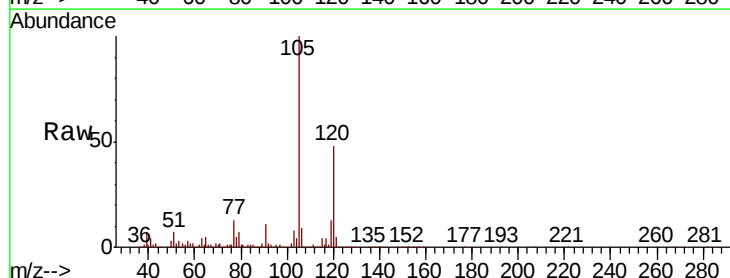


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

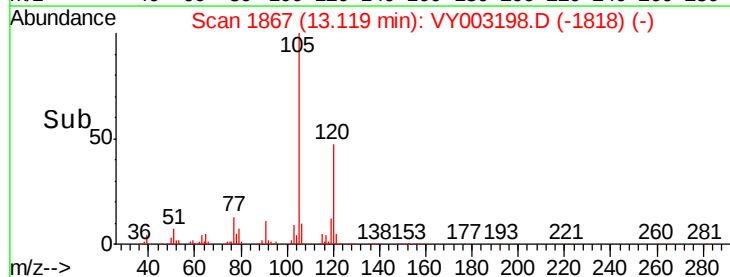
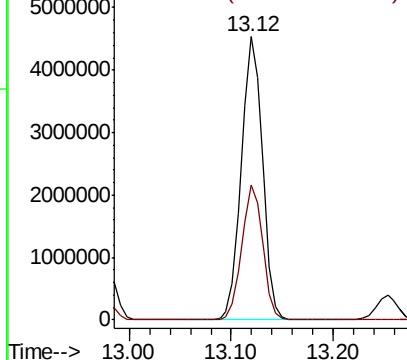


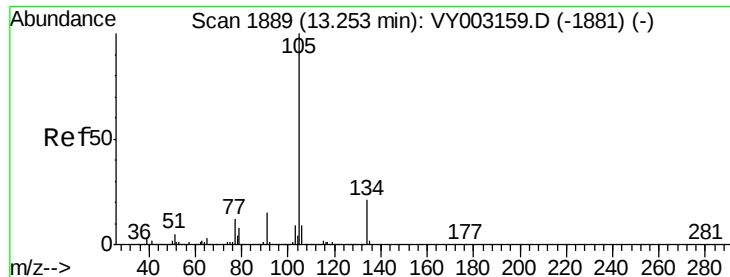
#84
1,2,4-Trimethylbenzene
Concen: 542.834 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003198.D
Acq: 14 Jul 2020 16:08

Tgt Ion:105 Resp: 6470849
Ion Ratio Lower Upper
105 100
120 47.1 22.5 67.5



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

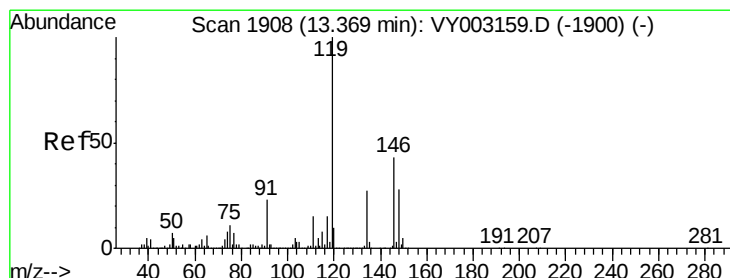
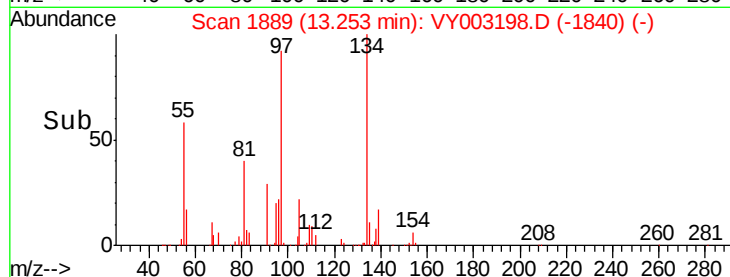
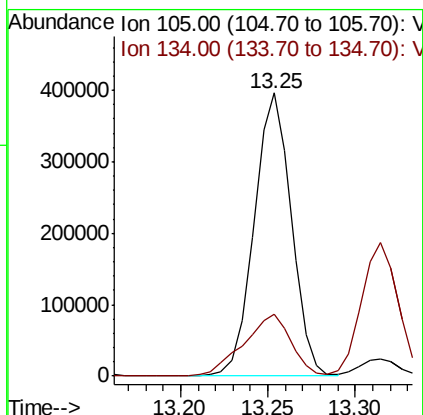
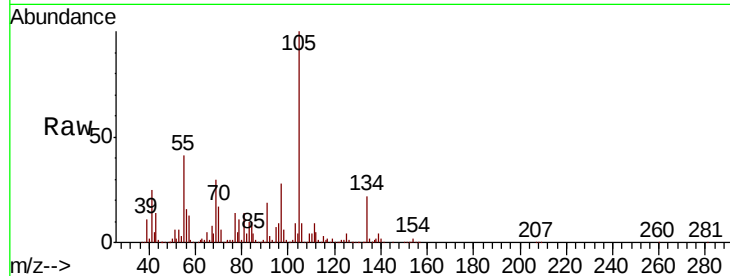




#85
 sec-Butylbenzene
 Concen: 40.484 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY003198.D
 Acq: 14 Jul 2020 16:08

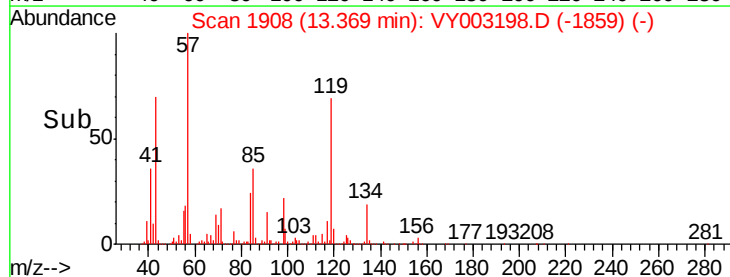
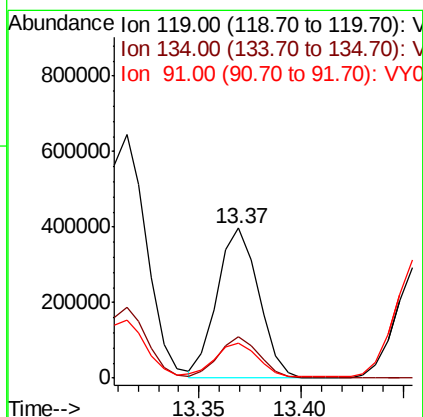
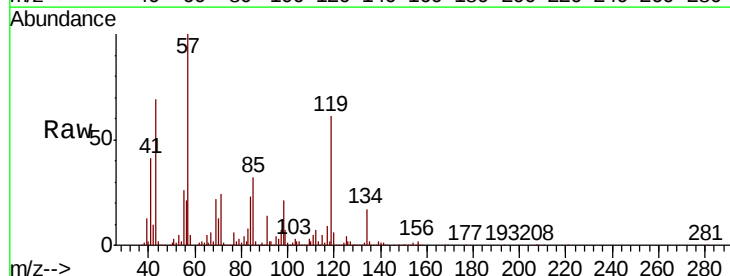
Instrument :
 MSVOA_Y
 ClientSampled :
 TP-8A-D2

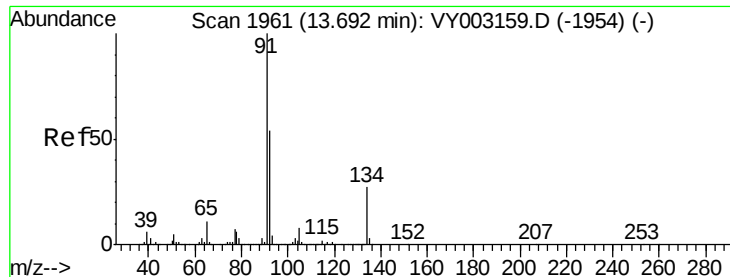
Tot Ion:105 Resp: 581674
 Ion Ratio Lower Upper
 105 100
 134 28.1 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 41.900 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY003198.D
 Acq: 14 Jul 2020 16:08

Tgt Ion:119 Resp: 562110
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.4 40.2
 91 23.2 11.2 33.6





#89

n-Butylbenzene

Concen: 50.319 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY003198.D

Acq: 14 Jul 2020 16:08

Instrument :

MSVOA_Y

ClientSampled :

TP-8A-D2

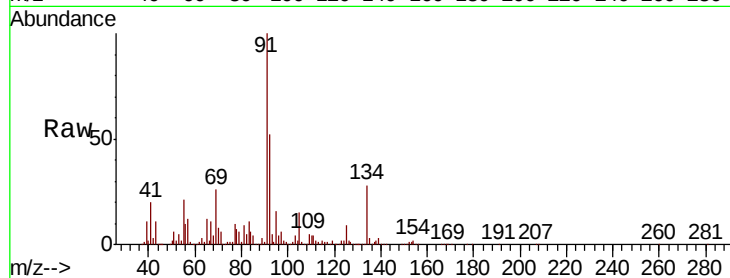
Tot Ion: 91 Resp: 634980

Ion Ratio Lower Upper

91 100

92 66.4 26.9 80.7

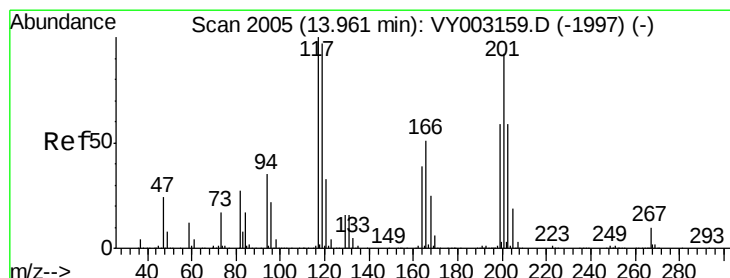
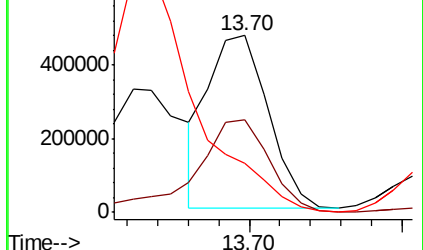
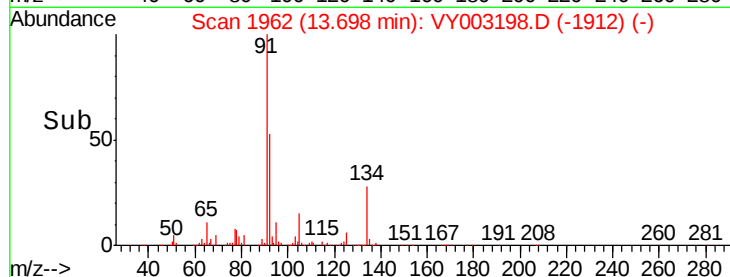
134 0.0 13.6 40.7#



Abundance Ion 91.00 (90.70 to 91.70): VY003159.D (-1954) (-)

Ion 92.00 (91.70 to 92.70): VY003159.D (-1954) (-)

Ion 134.00 (133.70 to 134.70): VY003159.D (-1954) (-)



#90

Hexachloroethane

Concen: 101.284 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.01 min

Lab File: VY003198.D

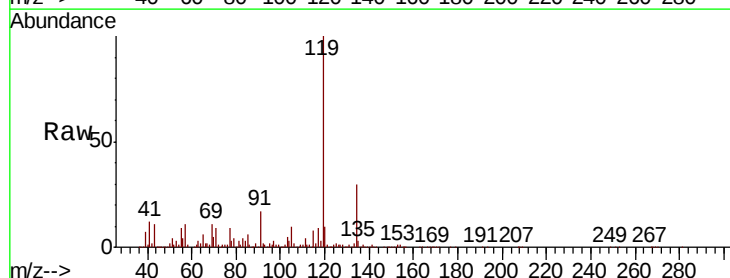
Acq: 14 Jul 2020 16:08

Tgt Ion: 117 Resp: 247449

Ion Ratio Lower Upper

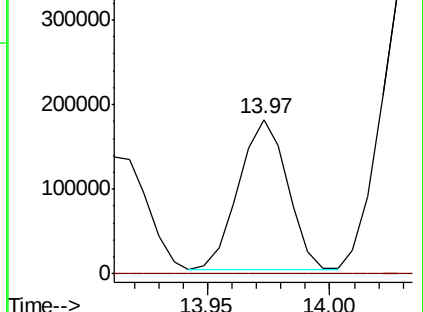
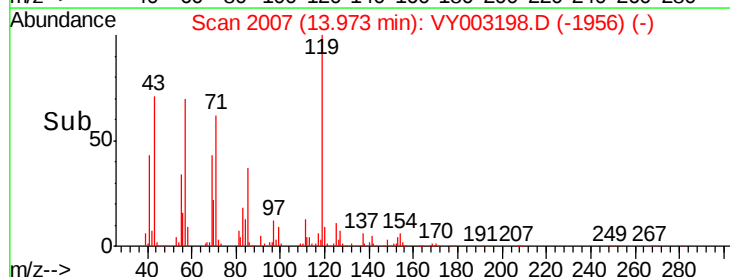
117 100

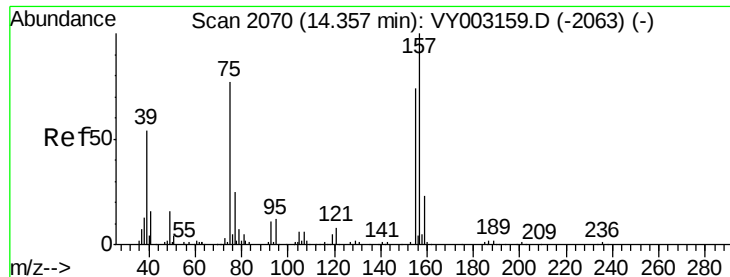
201 0.0 45.1 135.3#



Abundance Ion 116.80 (116.50 to 117.50): VY003159.D (-1997) (-)

Ion 200.70 (200.40 to 201.40): VY003159.D (-1997) (-)





#92

1,2-Dibromo-3-Chloropropane

Concen: 15.655 ug/l

RT: 14.38 min Scan# 2074

Delta R.T. 0.02 min

Lab File: VY003198.D

Acq: 14 Jul 2020 16:08

Instrument :

MSVOA_Y

ClientSampleId :

TP-8A-D2

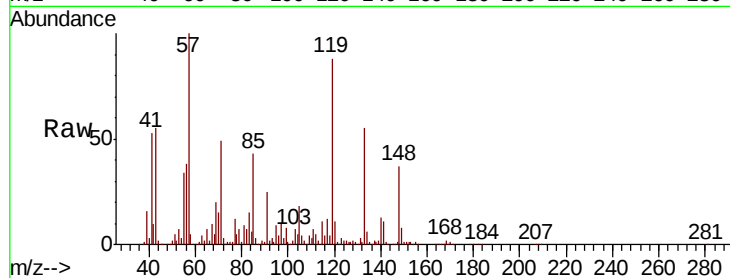
Tot Ion: 75 Resp: 6968

Ion Ratio Lower Upper

75 100

155 99.0 48.1 144.3

157 0.0 61.9 185.6#

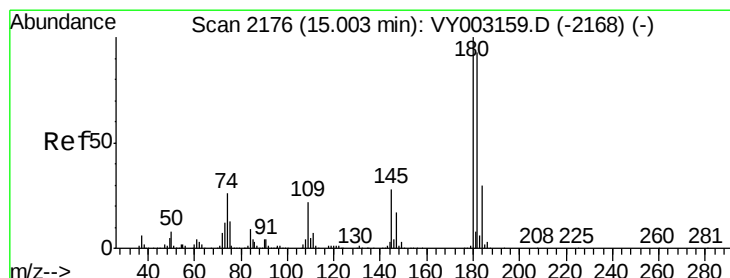
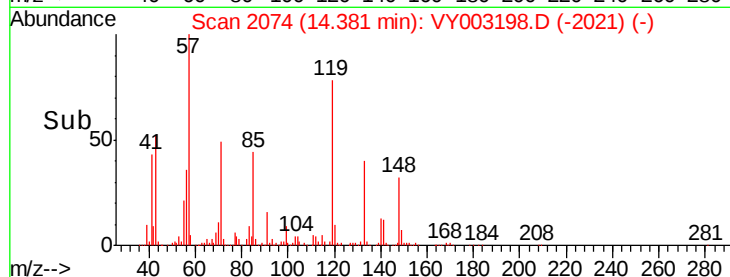
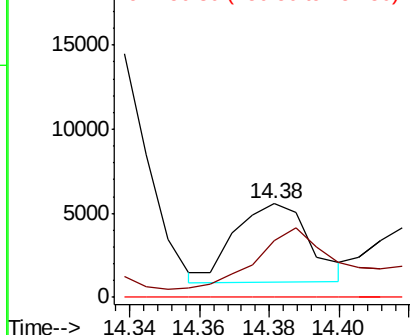


Abundance

Ion 74.90 (74.60 to 75.60): VY003159.D (-2063) (-)

Ion 154.80 (154.50 to 155.50): VY003159.D (-2063) (-)

Ion 156.80 (156.50 to 157.50): VY003159.D (-2063) (-)



#93

1,2,4-Trichlorobenzene

Concen: 3.033 ug/l

RT: 15.05 min Scan# 2184

Delta R.T. 0.05 min

Lab File: VY003198.D

Acq: 14 Jul 2020 16:08

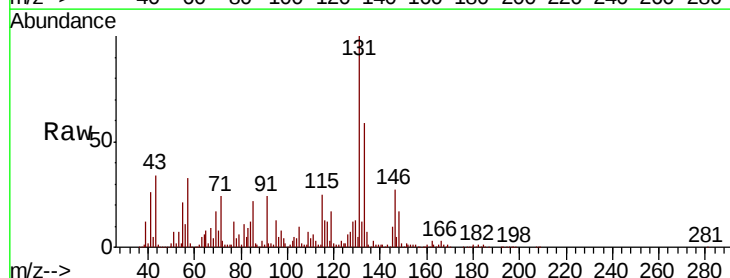
Tgt Ion: 180 Resp: 12973

Ion Ratio Lower Upper

180 100

182 0.0 47.3 142.0#

145 1464.1 13.7 41.1#

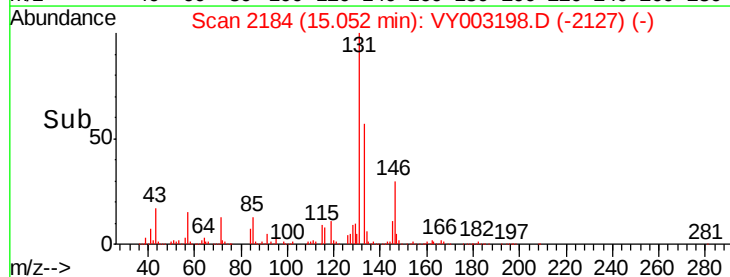
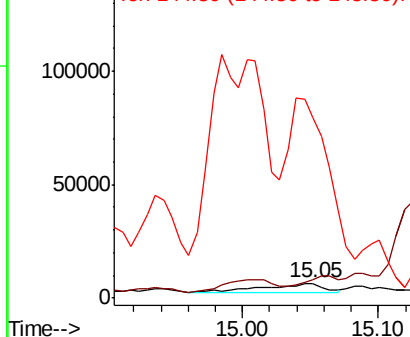


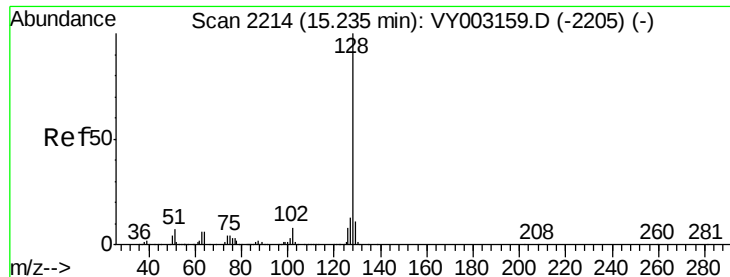
Abundance

Ion 179.80 (179.50 to 180.50): VY003159.D (-2168) (-)

Ion 181.80 (181.50 to 182.50): VY003159.D (-2168) (-)

Ion 144.80 (144.50 to 145.50): VY003159.D (-2168) (-)

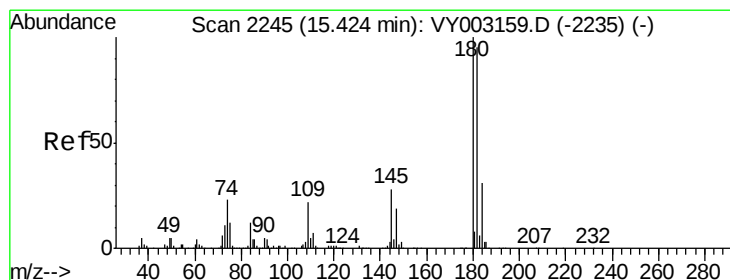
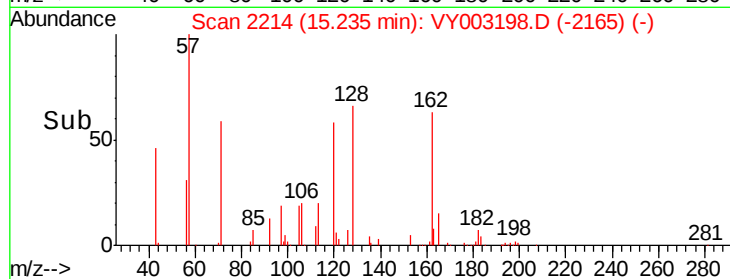
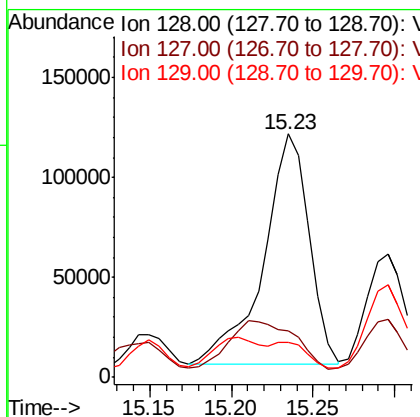
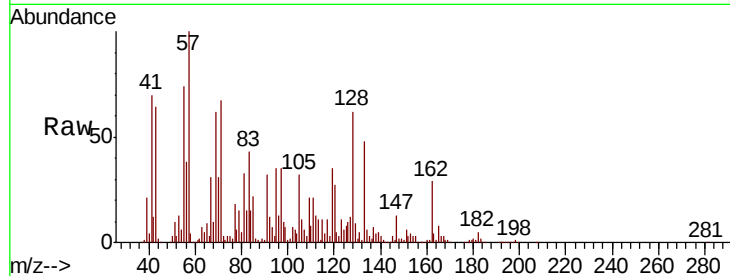




#95
Naphthalene
Concen: 31.570 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003198.D
Acq: 14 Jul 2020 16:08

Instrument :
MSVOA_Y
ClientSampled :
TP-8A-D2

Tot Ion:128 Resp: 223192
Ion Ratio Lower Upper
128 100
127 0.0 10.9 16.3#
129 0.0 9.0 13.6#



#96
1,2,3-Trichlorobenzene
Concen: 4.361 ug/l
RT: 15.45 min Scan# 2249
Delta R.T. 0.02 min
Lab File: VY003198.D
Acq: 14 Jul 2020 16:08

Tgt Ion:180 Resp: 14747
Ion Ratio Lower Upper
180 100
182 0.0 48.8 146.3#
145 1439.6 14.9 44.5#

