

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050820\
 Data File : VY002646.D
 Acq On : 08 May 2020 16:50
 Operator : SY/MD
 Sample : L2564-02
 Misc : 4.87G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 09 03:48:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	354981	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	548577	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	463004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	194041	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	148862	49.87	ug/l	0.00
Spiked Amount			Recovery	=	99.74%	
35) Dibromofluoromethane	7.74	113	162581	51.82	ug/l	0.00
Spiked Amount			Recovery	=	103.64%	
50) Toluene-d8	10.19	98	641196	52.34	ug/l	0.00
Spiked Amount			Recovery	=	104.68%	
62) 4-Bromofluorobenzene	12.49	95	210205	50.56	ug/l	0.00
Spiked Amount			Recovery	=	101.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	121	1.824	ug/l #	43
13) Acrolein	3.75	56	232	1.093	ug/l #	2
16) Acetone	3.97	43	15247	24.752	ug/l	92
20) Methylene Chloride	4.75	84	13783	4.001	ug/l	97
25) 2-Butanone	7.01	43	4973	4.932	ug/l	91
31) Cyclohexane	7.81	56	5568	1.038	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	22585	4.911	ug/l #	49
38) Carbon Tetrachloride	7.82	117	31687	6.311	ug/l #	16
51) 4-Methyl-2-Pentanone	10.08	43	2890	1.266	ug/l	99
55) 1,1,2-Trichloroethane	10.63	97	30988	11.521	ug/l #	22
56) Ethyl methacrylate	10.53	69	10391	2.904	ug/l #	27
59) 2-Hexanone	10.81	43	124852	79.437	ug/l #	27
67) Ethyl Benzene	11.60	91	166102	10.743	ug/l	100
68) m/p-Xylenes	11.72	106	92250	15.421	ug/l	96
69) o-Xylene	12.04	106	233907	41.760	ug/l	99
70) Styrene	12.03	104	11827	1.235	ug/l #	1
73) Isopropylbenzene	12.34	105	493727	39.260	ug/l	99
74) N-amyl acetate	12.13	43	477472	157.834	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.53	83	32409	16.205	ug/l #	2
76) 1,2,3-Trichloropropane	12.68	75	12774	7.408	ug/l #	100
77) Bromobenzene	12.53	156	437375	139.207	ug/l #	1
78) n-propylbenzene	12.68	91	1795970	123.063	ug/l	100
79) 2-Chlorotoluene	12.78	91	183379	22.684	ug/l #	38
80) 1,3,5-Trimethylbenzene	12.82	105	1942071	186.302	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.34	75	5487	6.381	ug/l #	51
82) 4-Chlorotoluene	12.82	91	225126	26.512	ug/l #	47
83) tert-Butylbenzene	13.08	119	62862	6.877	ug/l	89
84) 1,2,4-Trimethylbenzene	13.13	105	10563873	1016.833	ug/l	94
85) sec-Butylbenzene	13.27	105	1555440	122.637	ug/l	86
86) p-Isopropyltoluene	13.38	119	1060085	89.202	ug/l	99
89) n-Butylbenzene	13.70	91	1660889	153.521	ug/l #	77
90) Hexachloroethane	13.98	117	577604	266.888	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	14.39	75	13083	35.093	ug/l #	9
93) 1,2,4-Trichlorobenzene	15.06	180	13987	3.631	ug/l #	1

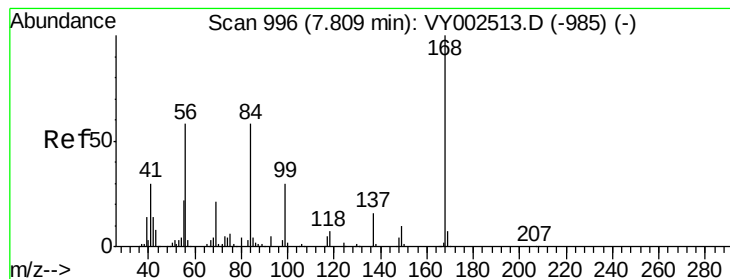
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050820\
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Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.25	128	5311299	755.773	ug/l	99
96) 1,2,3-Trichlorobenzene	15.41	180	17850	5.458	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002646.D

Acq: 08 May 2020 16:50

Instrument :

MSVOA_Y

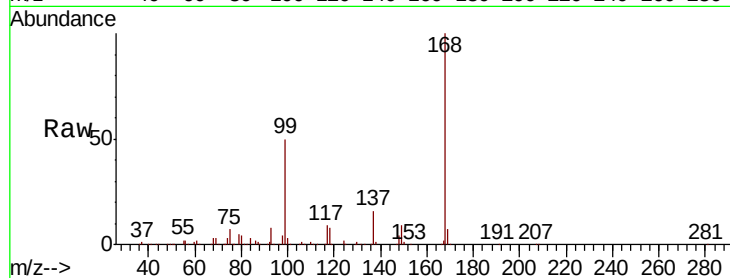
ClientSampleId :

Tot Ion:168 Resp: 354981

Ion Ratio Lower Upper

168 100

99 50.5 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002646.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002646.D (-947) (-)

7.82

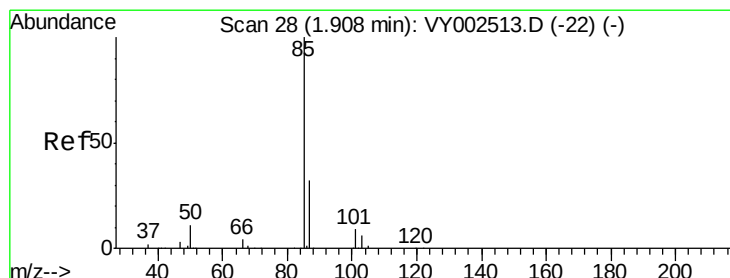
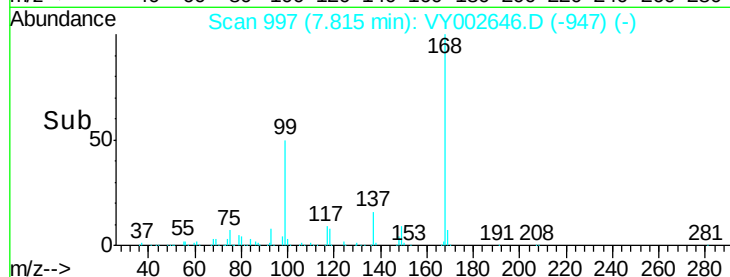
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.824 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002646.D

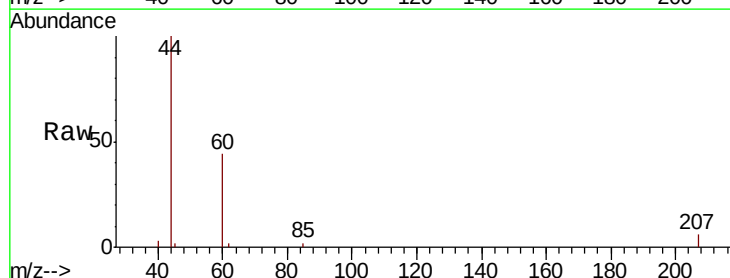
Acq: 08 May 2020 16:50

Tgt Ion: 85 Resp: 121

Ion Ratio Lower Upper

85 100

87 0.0 15.8 47.4#



Abundance Ion 84.90 (84.60 to 85.60): VY002646.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002646.D (-1) (-)

1.91

120

100

80

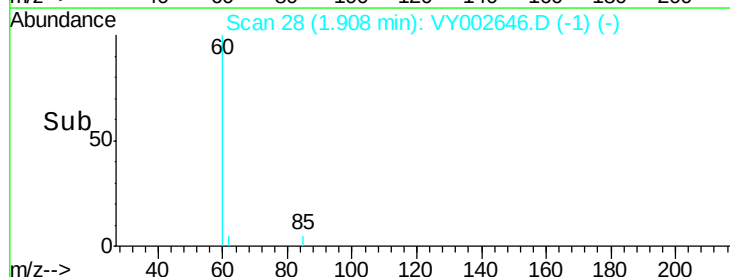
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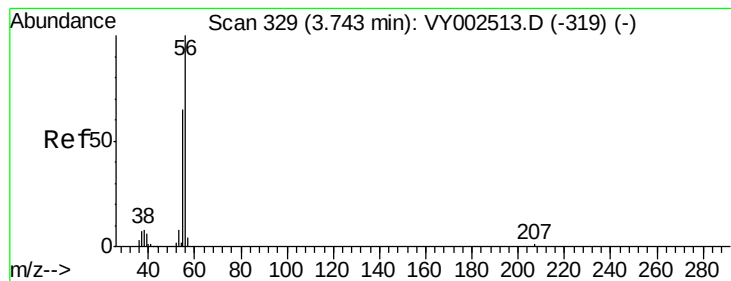
40

20

0

Time-->





#13

Acrolein

Concen: 1.093 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY002646.D

Acq: 08 May 2020 16:50

Instrument :

MSVOA_Y

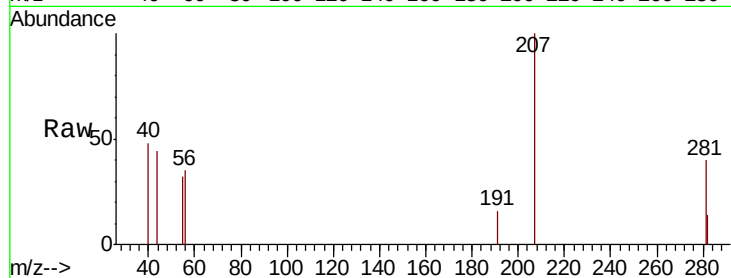
ClientSampleId :

Tot Ion: 56 Resp: 232

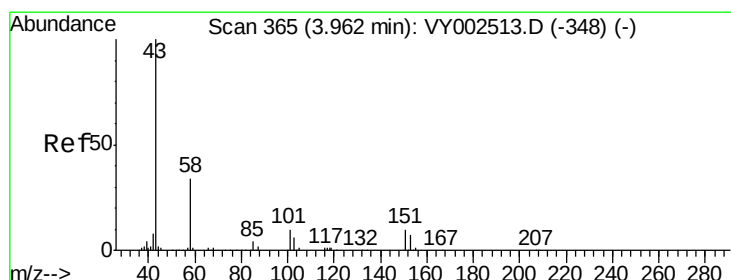
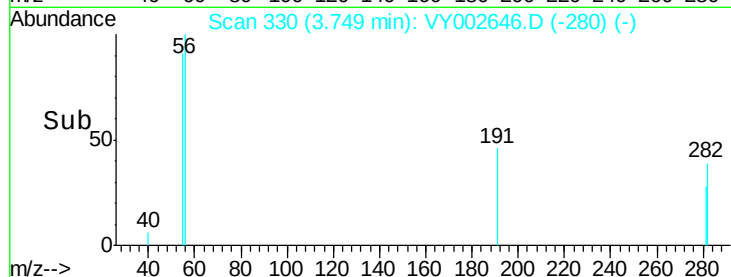
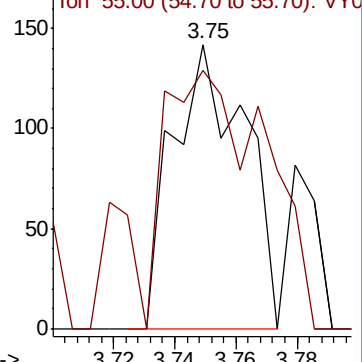
Ion Ratio Lower Upper

56 100

55 146.1 53.8 80.6#



Abundance Ion 56.00 (55.70 to 56.70): VY0



#16

Acetone

Concen: 24.752 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002646.D

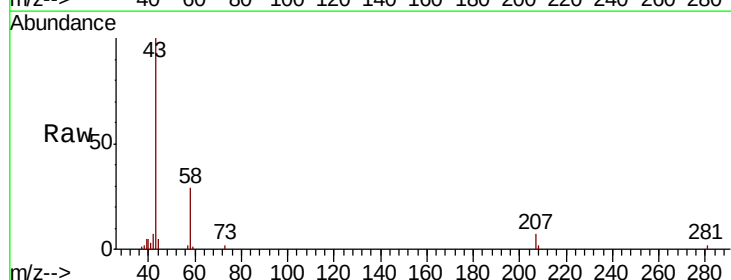
Acq: 08 May 2020 16:50

Tgt Ion: 43 Resp: 15247

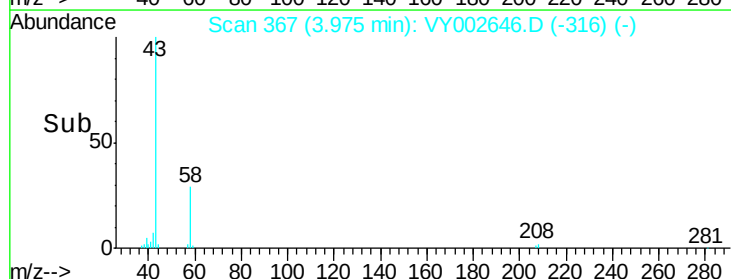
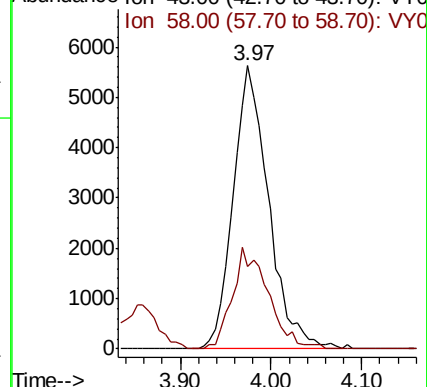
Ion Ratio Lower Upper

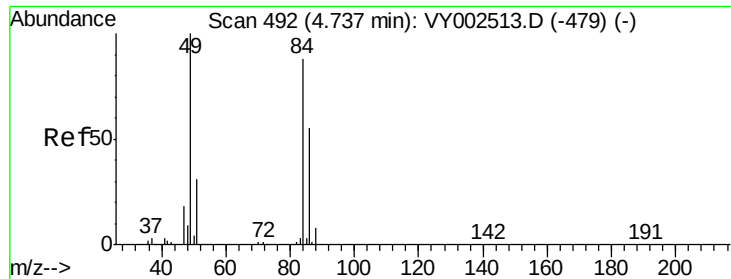
43 100

58 29.3 26.9 40.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

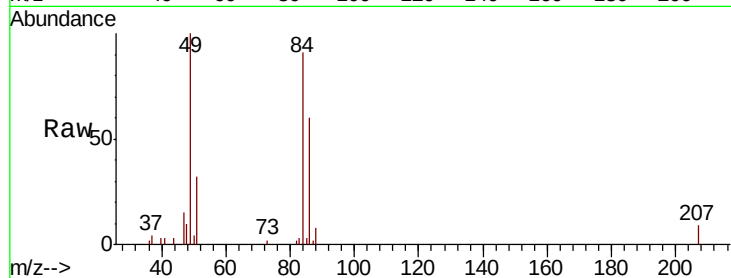




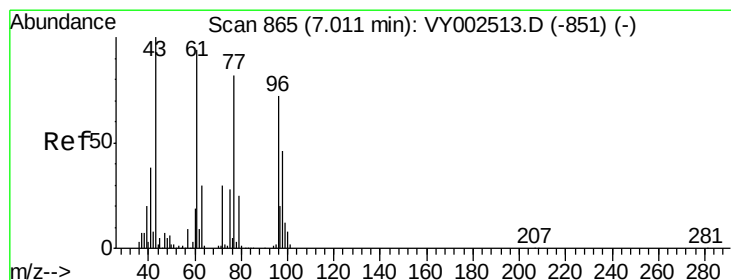
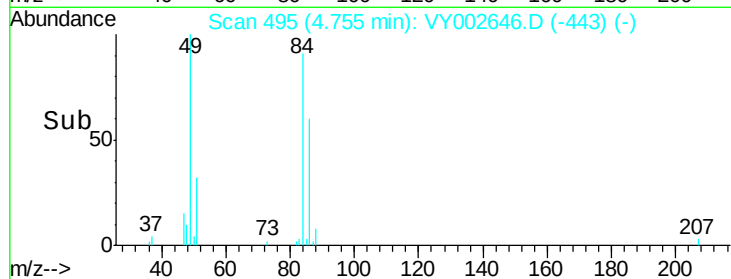
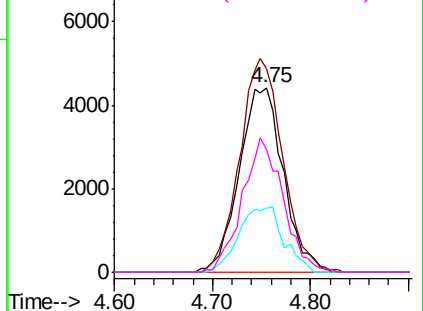
#20
Methylene Chloride
Concen: 4.001 ug/l
RT: 4.75 min Scan# 495
Delta R.T. 0.02 min
Lab File: VY002646.D
Acq: 08 May 2020 16:50

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 84 Resp: 13783
Ion Ratio Lower Upper
84 100
49 110.3 90.5 135.7
51 34.8 28.3 42.5
86 66.6 49.9 74.9

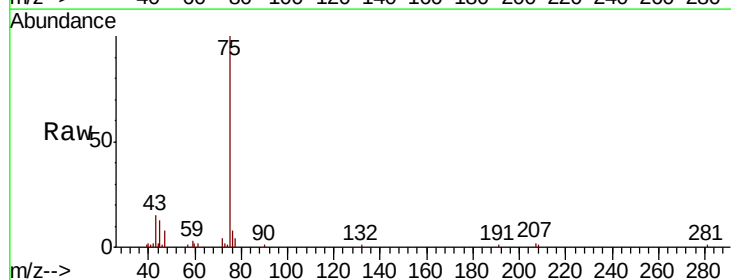


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

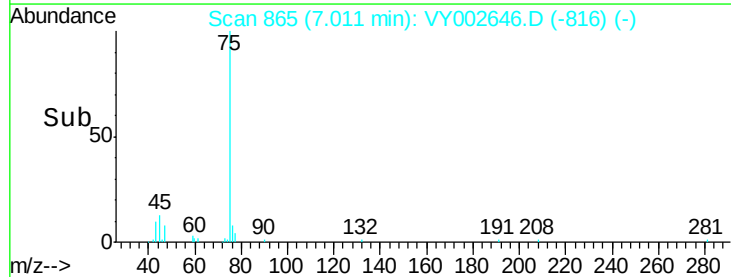
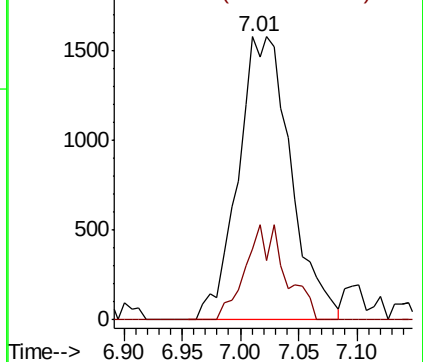


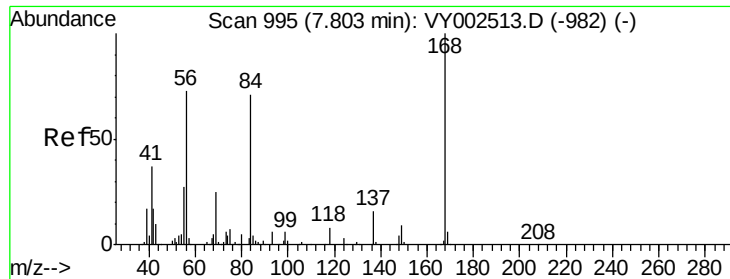
#25
2-Butanone
Concen: 4.932 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.00 min
Lab File: VY002646.D
Acq: 08 May 2020 16:50

Tgt Ion: 43 Resp: 4973
Ion Ratio Lower Upper
43 100
72 25.0 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0

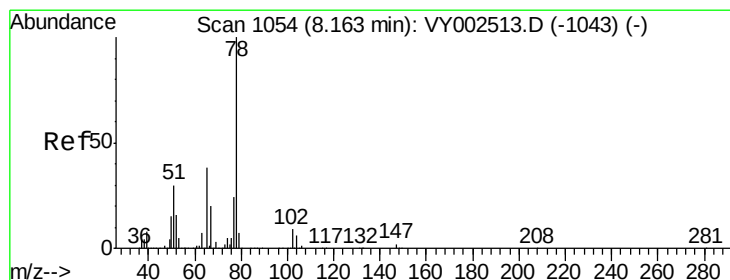
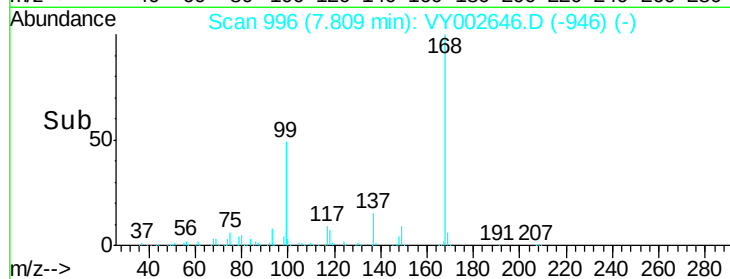
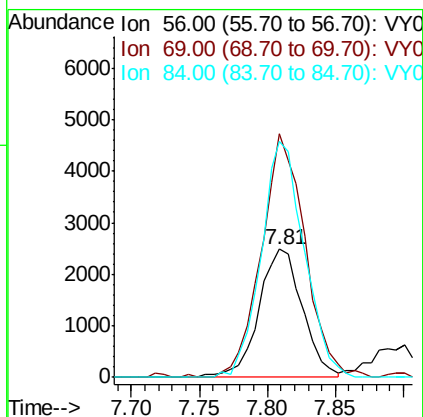
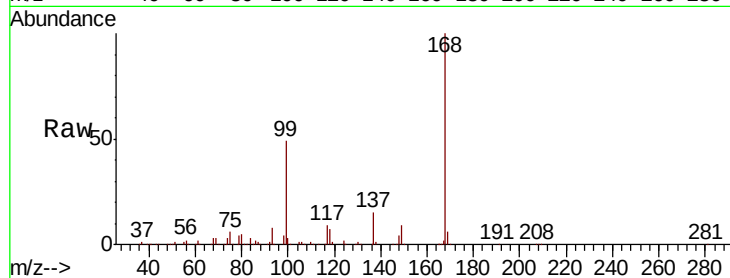




#31
Cyclohexane
Concen: 1.038 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.01 min
Lab File: VY002646.D
Acq: 08 May 2020 16:50

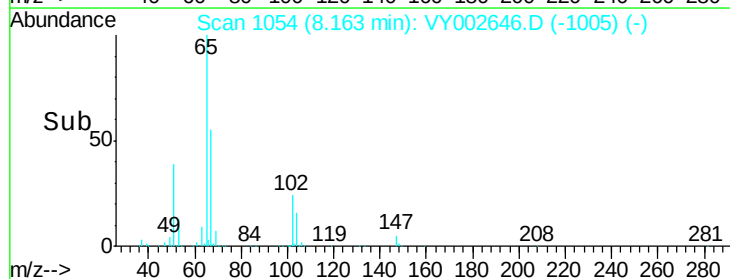
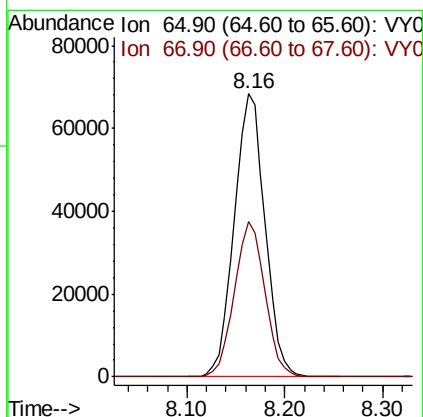
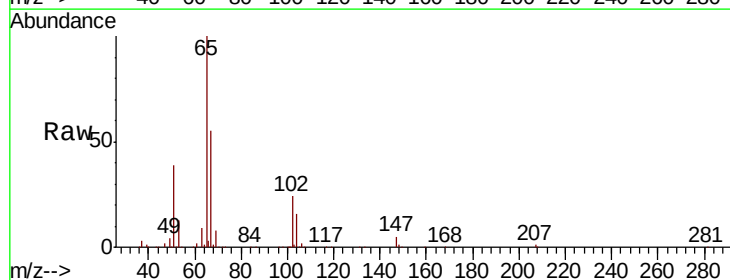
Instrument :
MSVOA_Y
ClientSampleId :

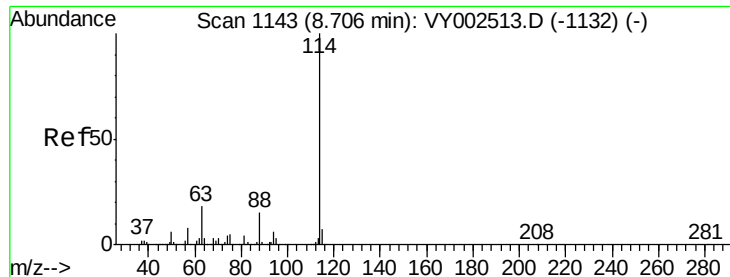
Tot Ion: 56 Resp: 5568
Ion Ratio Lower Upper
56 100
69 188.1 27.6 41.4#
84 184.5 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 49.874 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY002646.D
Acq: 08 May 2020 16:50

Tgt Ion: 65 Resp: 148862
Ion Ratio Lower Upper
65 100
67 54.4 0.0 107.2

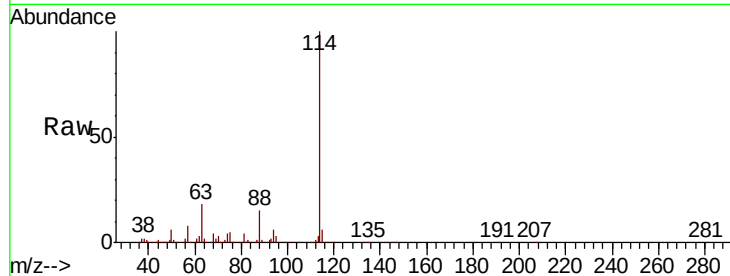




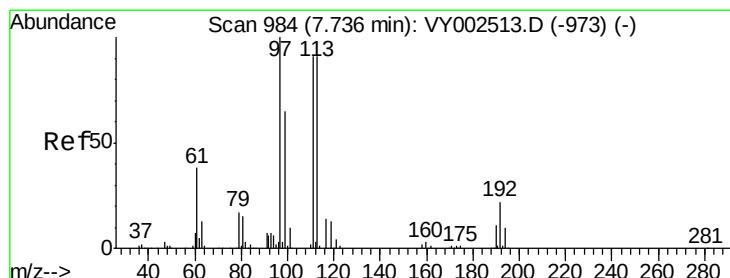
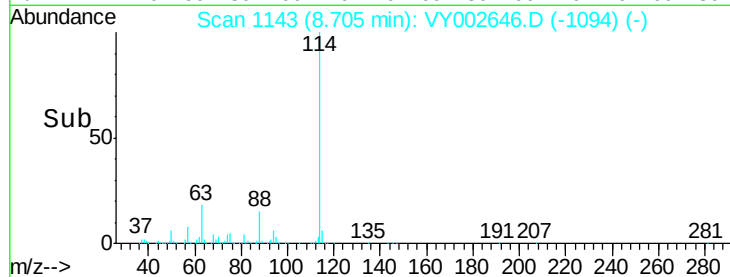
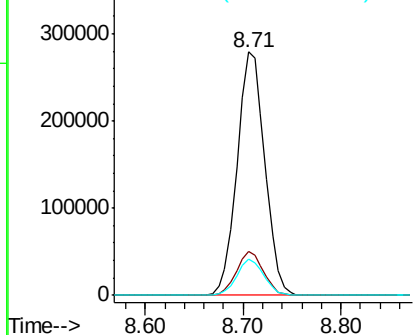
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY002646.D
 Acq: 08 May 2020 16:50

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	36.4
88	14.9	0.0	29.6

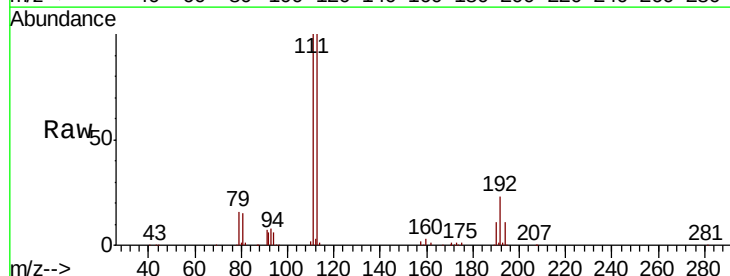


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

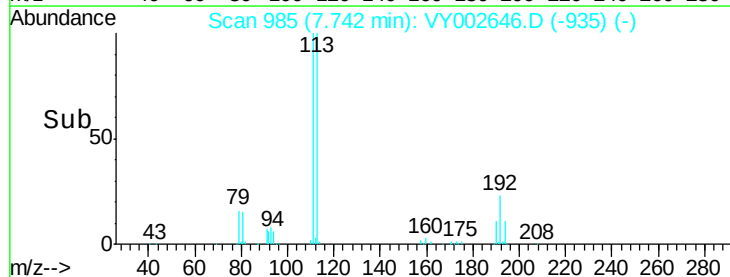
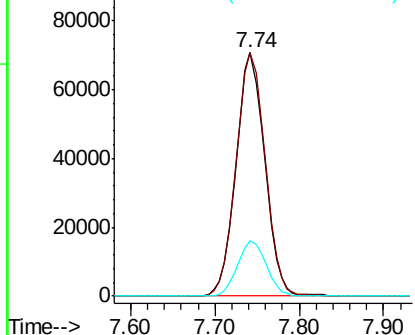


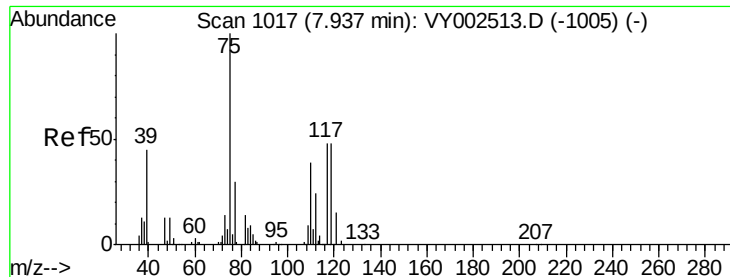
#35
 Dibromofluoromethane
 Concen: 51.821 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VY002646.D
 Acq: 08 May 2020 16:50

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.8	122.6
192	22.8	18.2	27.4



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

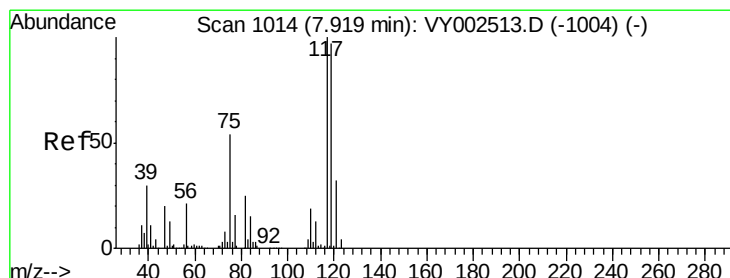
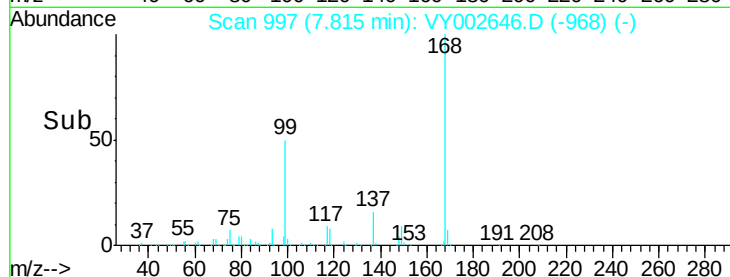
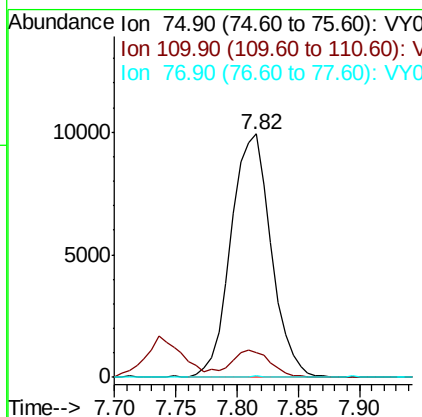
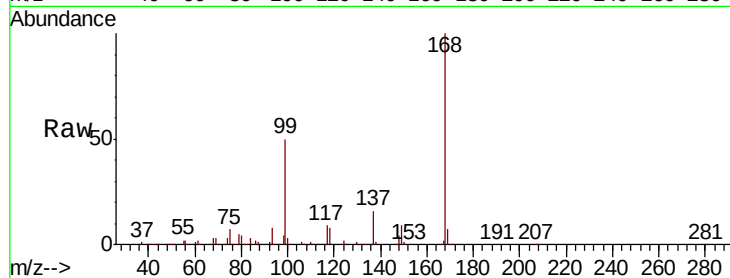




#36
 1,1-Dichloropropene
 Concen: 4.911 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.12 min
 Lab File: VY002646.D
 Acq: 08 May 2020 16:50

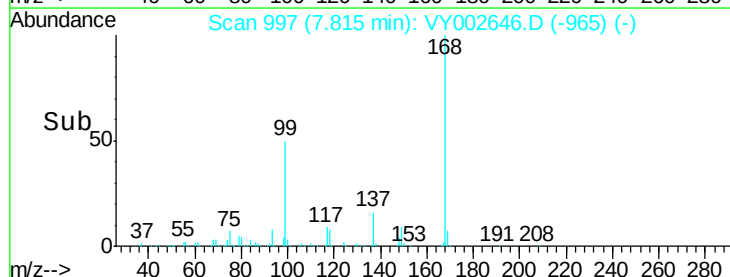
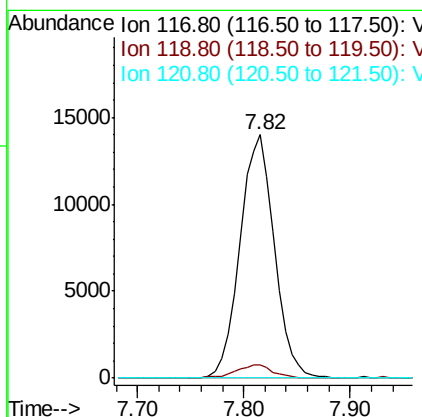
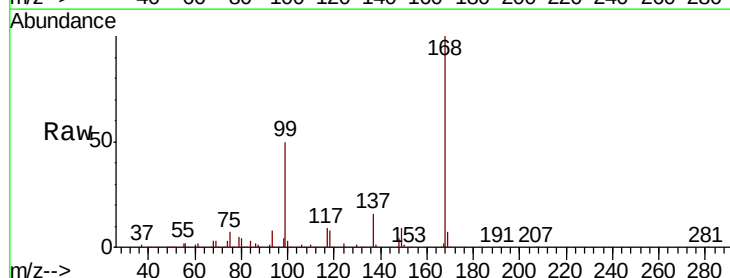
Instrument :
 MSVOA_Y
 ClientSampled :

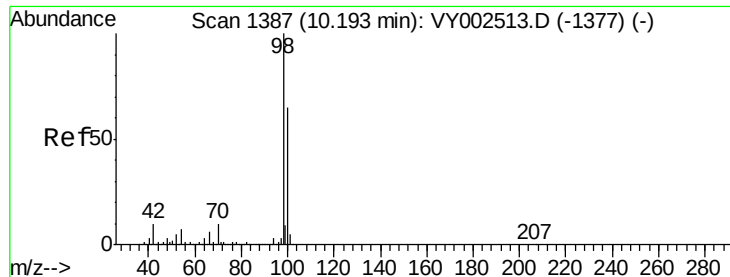
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.2	19.1	57.3#
77	0.1	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 6.311 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.10 min
 Lab File: VY002646.D
 Acq: 08 May 2020 16:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.2	77.1	115.7#
121	0.0	25.2	37.8#





#50

Toluene-d8

Concen: 52.335 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VY002646.D

Acq: 08 May 2020 16:50

Instrument :

MSVOA_Y

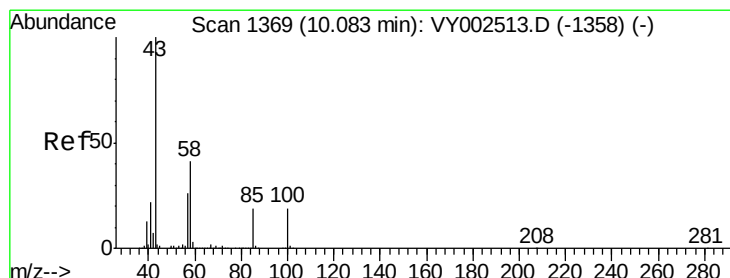
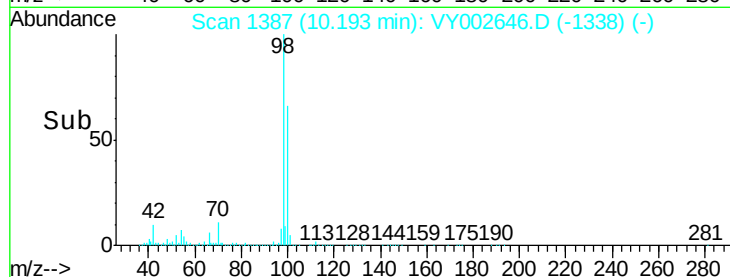
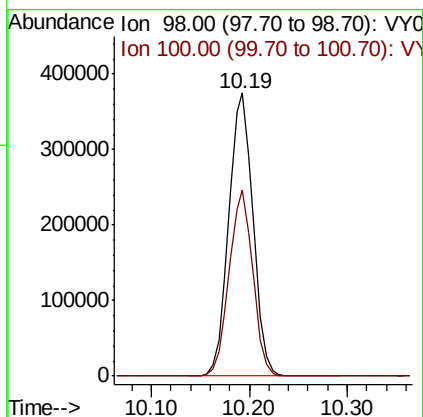
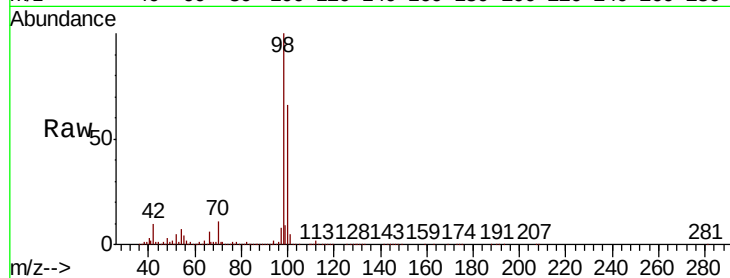
ClientSampleId :

Tot Ion: 98 Resp: 641196

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.2



#51

4-Methyl-2-Pentanone

Concen: 1.266 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VY002646.D

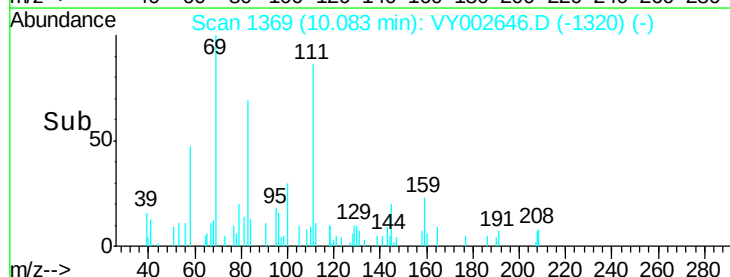
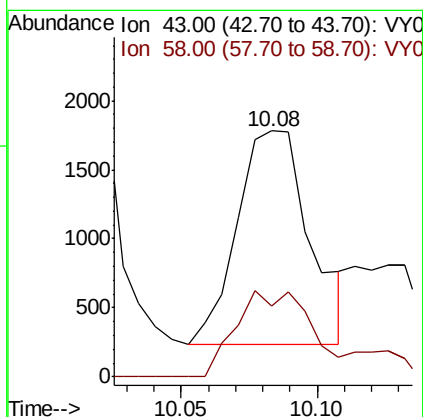
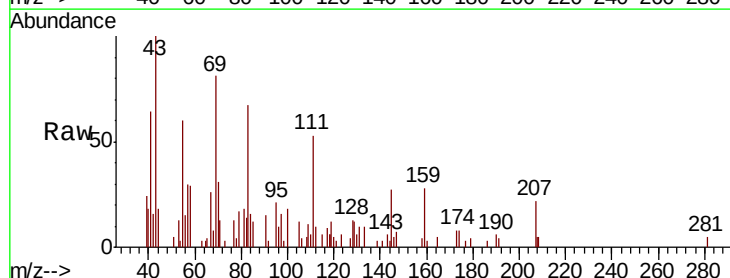
Acq: 08 May 2020 16:50

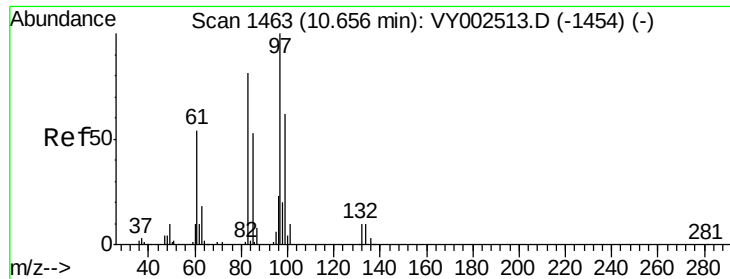
Tgt Ion: 43 Resp: 2890

Ion Ratio Lower Upper

43 100

58 40.8 33.2 49.8





#55

1,1,2-Trichloroethane

Concen: 11.521 ug/l

RT: 10.63 min Scan# 1458

Delta R.T. -0.03 min

Lab File: VY002646.D

Acq: 08 May 2020 16:50

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 30988

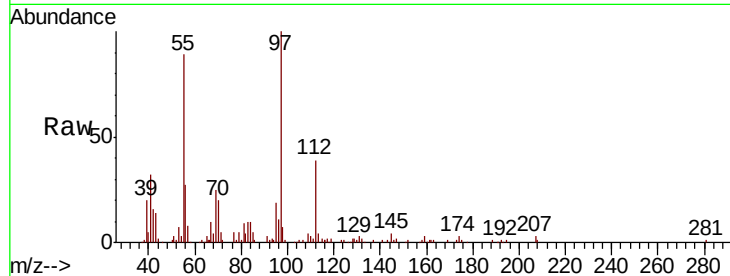
Ion Ratio Lower Upper

97 100

83 7.9 65.1 97.7#

85 4.8 42.7 64.1#

99 0.6 50.0 75.0#



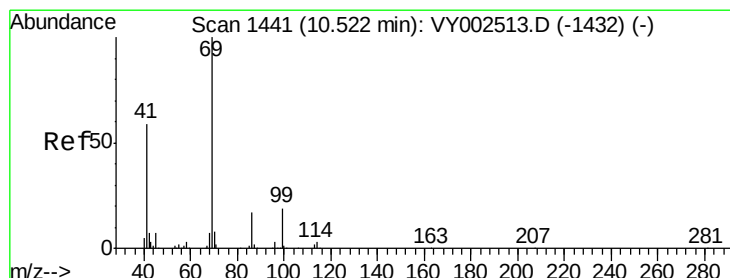
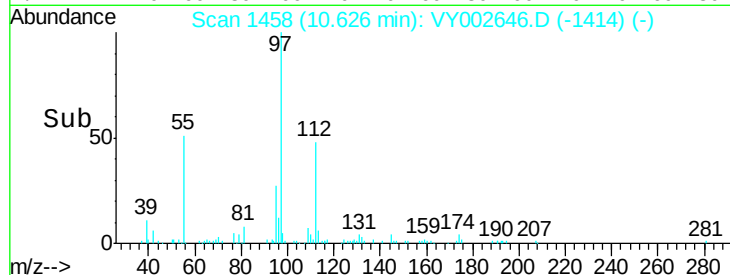
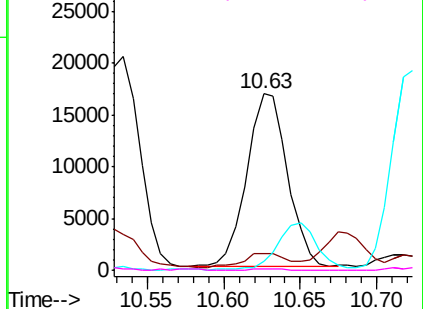
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 2.904 ug/l

RT: 10.53 min Scan# 1443

Delta R.T. 0.01 min

Lab File: VY002646.D

Acq: 08 May 2020 16:50

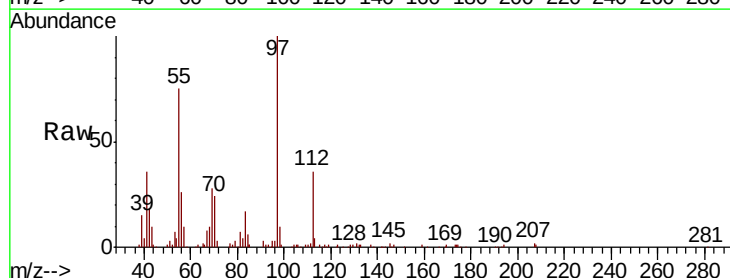
Tgt Ion: 69 Resp: 10391

Ion Ratio Lower Upper

69 100

41 128.0 48.6 73.0#

39 54.3 25.0 37.4#

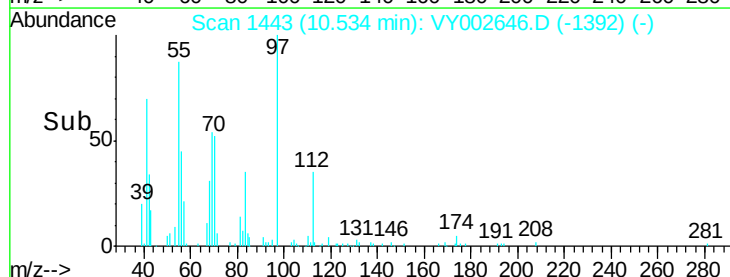
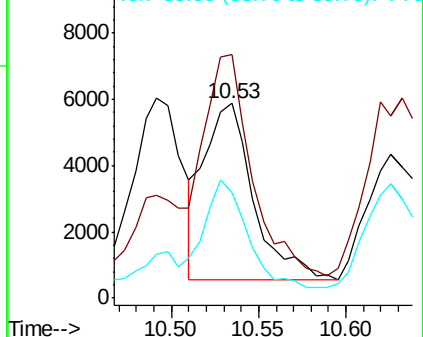


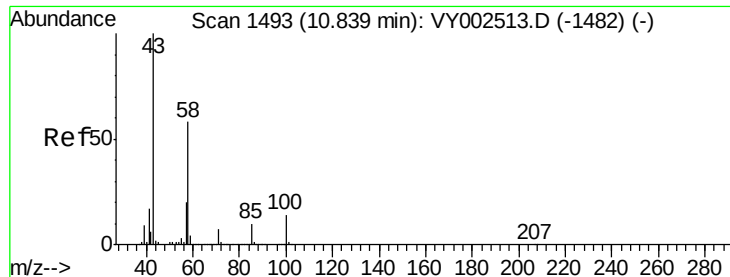
Abundance

Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#59

2-Hexanone

Concen: 79.437 ug/l

RT: 10.81 min Scan# 1488

Delta R.T. -0.03 min

Lab File: VY002646.D

Acq: 08 May 2020 16:50

Instrument :

MSVOA_Y

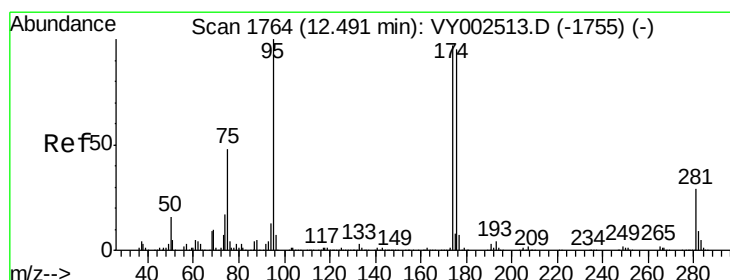
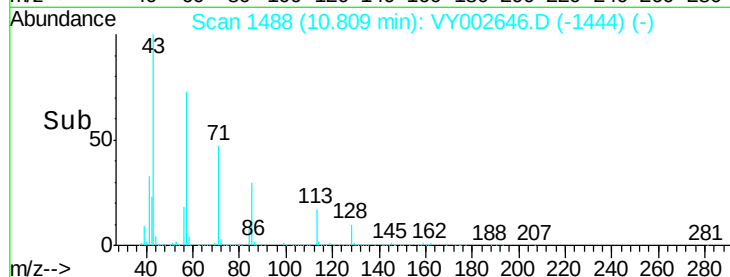
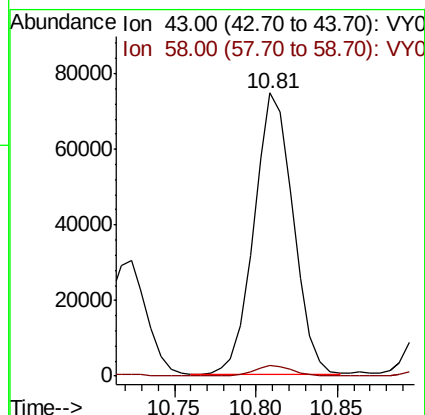
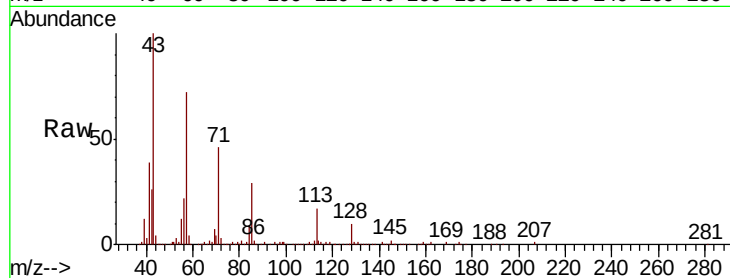
ClientSampled :

Tot Ion: 43 Resp: 124852

Ion Ratio Lower Upper

43 100

58 3.9 29.1 87.3#



#62

4-Bromofluorobenzene

Concen: 50.563 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002646.D

Acq: 08 May 2020 16:50

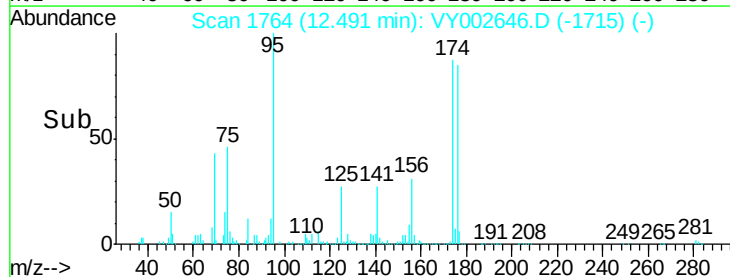
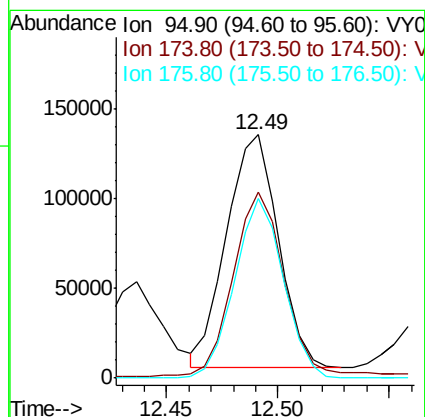
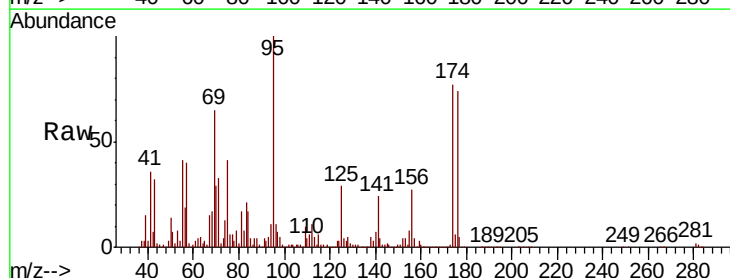
Tgt Ion: 95 Resp: 210205

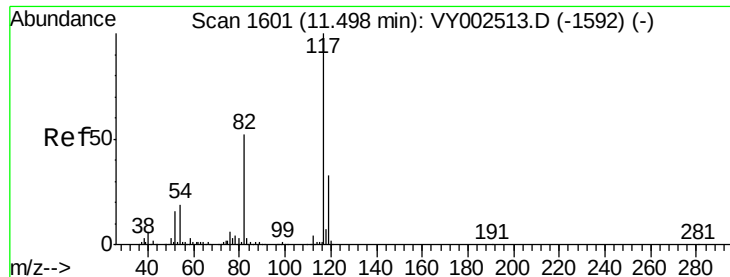
Ion Ratio Lower Upper

95 100

174 82.9 0.0 188.8

176 72.7 0.0 183.2

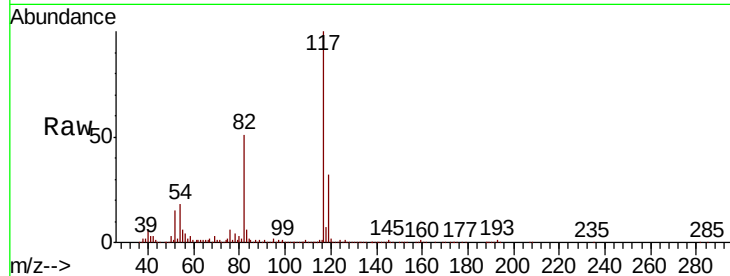




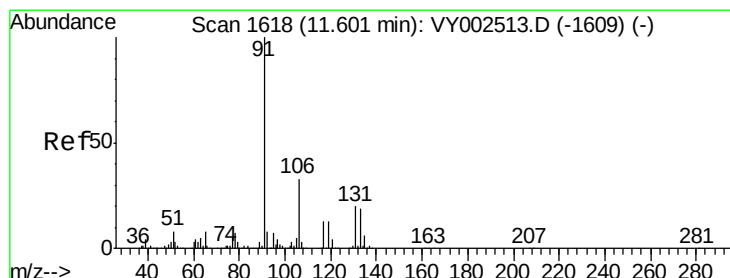
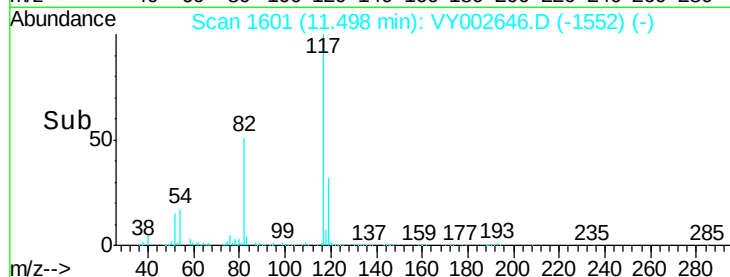
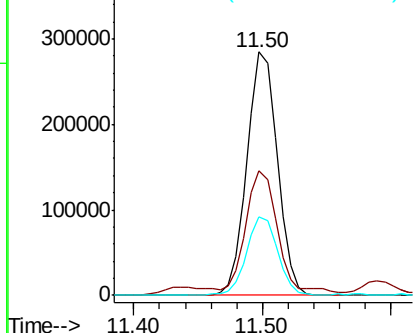
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002646.D
Acq: 08 May 2020 16:50

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 463004
Ion Ratio Lower Upper
117 100
82 50.0 41.3 61.9
119 31.7 26.0 39.0

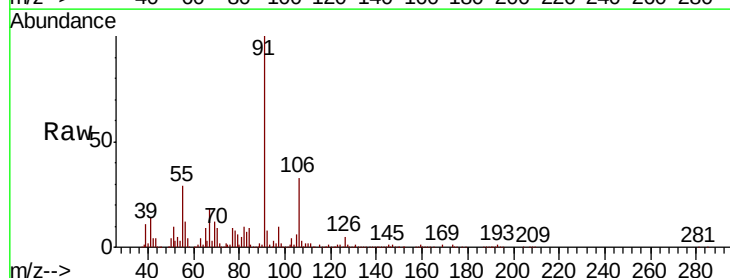


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

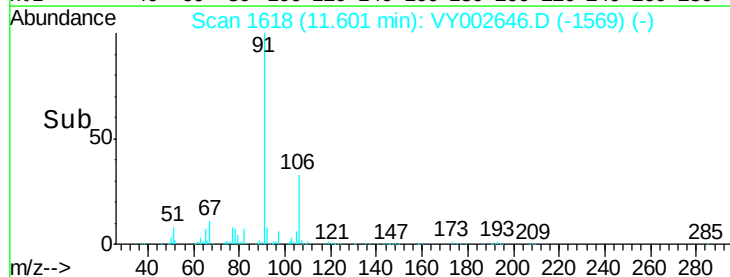
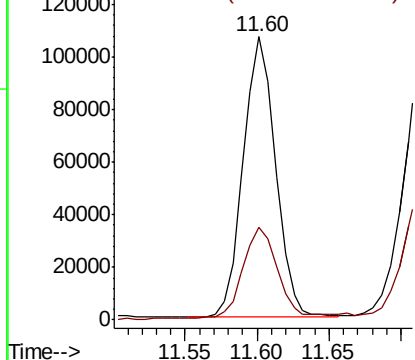


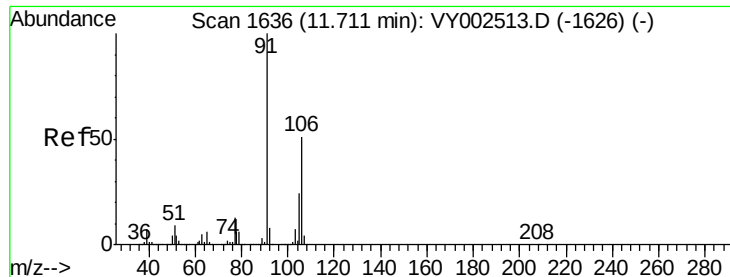
#67
Ethyl Benzene
Concen: 10.743 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY002646.D
Acq: 08 May 2020 16:50

Tgt Ion: 91 Resp: 166102
Ion Ratio Lower Upper
91 100
106 32.6 26.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 15.421 ug/l

RT: 11.72 min Scan# 1637

Delta R.T. 0.01 min

Lab File: VY002646.D

Acq: 08 May 2020 16:50

Instrument :

MSVOA_Y

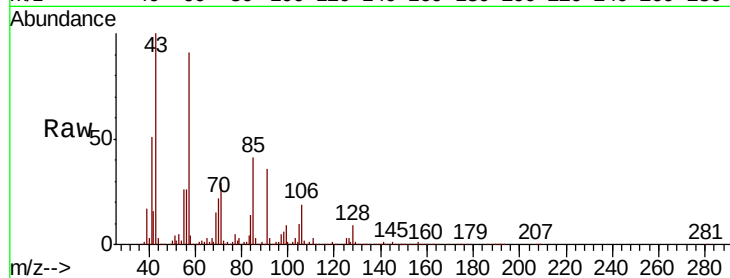
ClientSampled :

Tot Ion:106 Resp: 92250

Ion Ratio Lower Upper

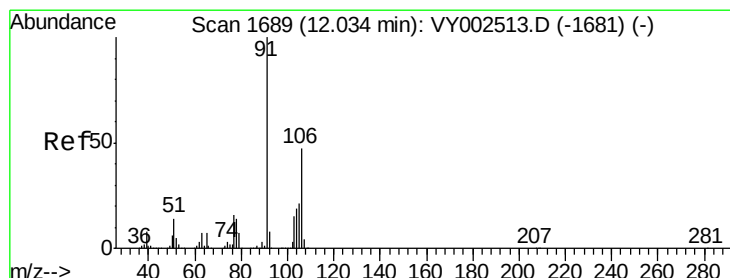
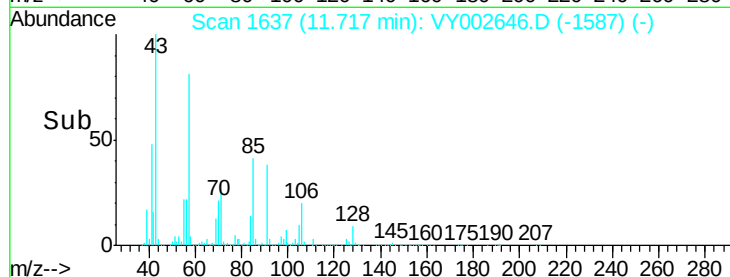
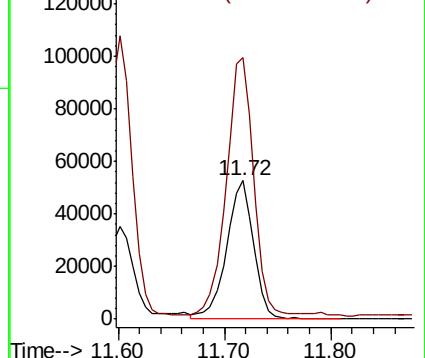
106 100

91 188.7 155.2 232.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0



#69

o-Xylene

Concen: 41.760 ug/l

RT: 12.04 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VY002646.D

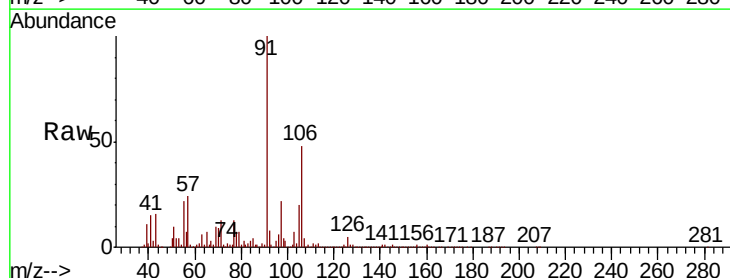
Acq: 08 May 2020 16:50

Tgt Ion:106 Resp: 233907

Ion Ratio Lower Upper

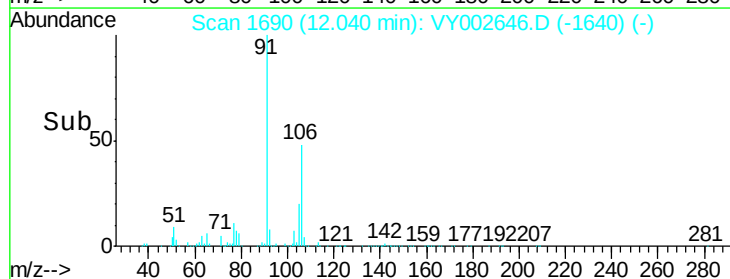
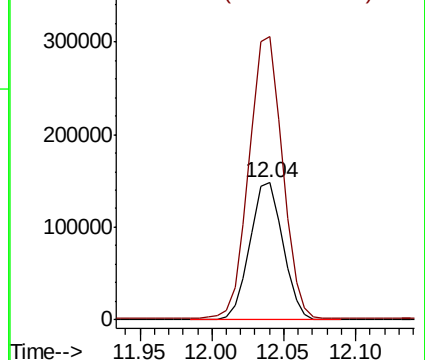
106 100

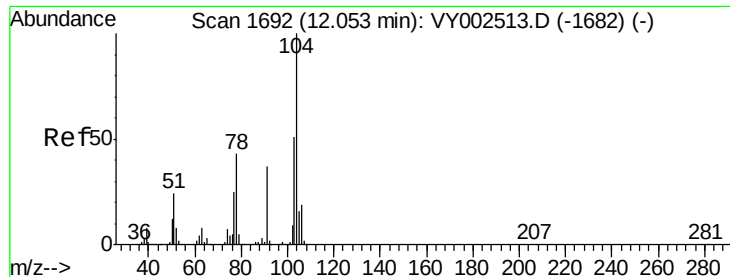
91 208.3 103.8 311.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0





#70

Stvrene

Concen: 1.235 ug/l

RT: 12.03 min Scan# 1689

Delta R.T. -0.02 min

Lab File: VY002646.D

Acq: 08 May 2020 16:50

Instrument :

MSVOA_Y

ClientSampled :

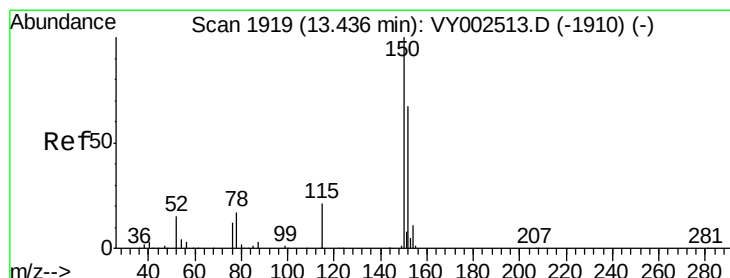
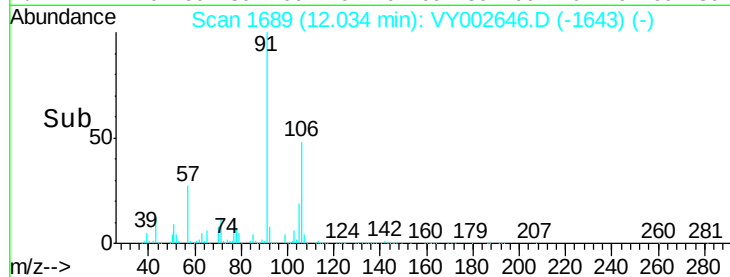
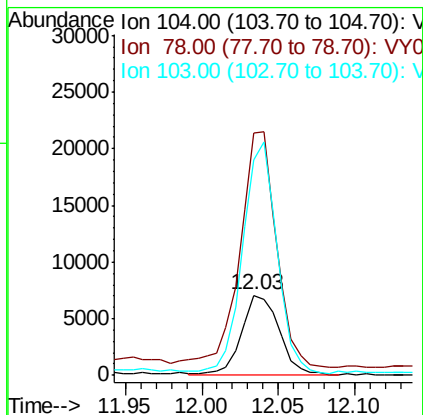
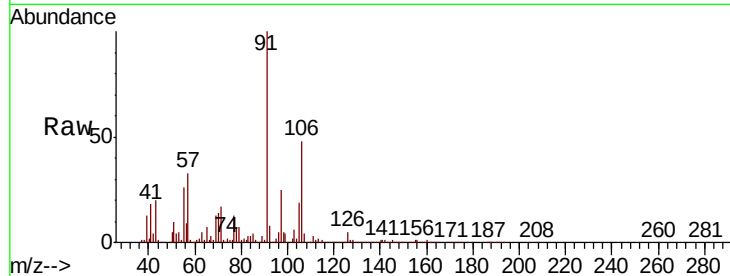
Tot Ion:104 Resp: 11827

Ion Ratio Lower Upper

104 100

78 291.9 37.4 56.0#

103 268.0 43.9 65.9#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VY002646.D

Acq: 08 May 2020 16:50

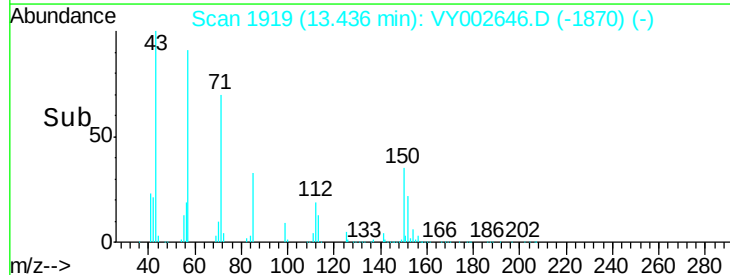
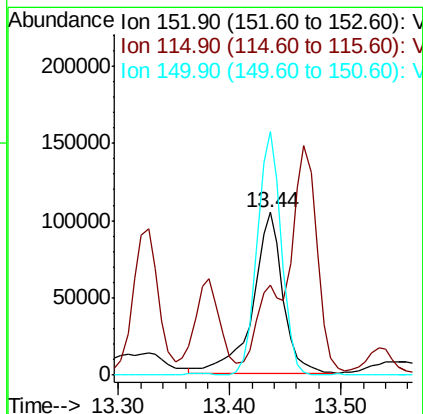
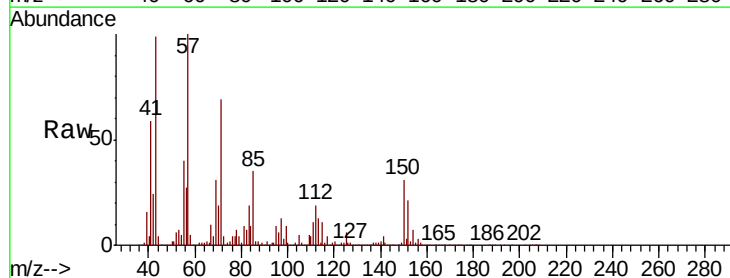
Tgt Ion:152 Resp: 194041

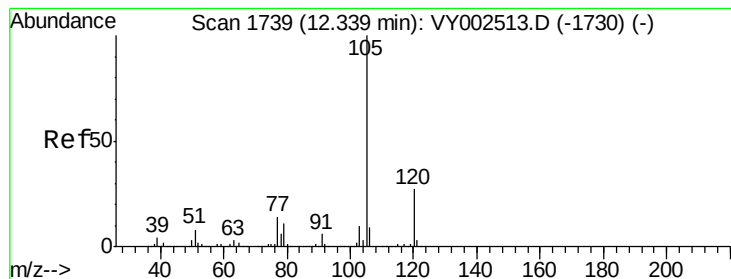
Ion Ratio Lower Upper

152 100

115 40.4 27.5 82.4

150 122.3 0.0 346.4





#73

Isopropylbenzene

Concen: 39.260 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY002646.D

Acq: 08 May 2020 16:50

Instrument :

MSVOA_Y

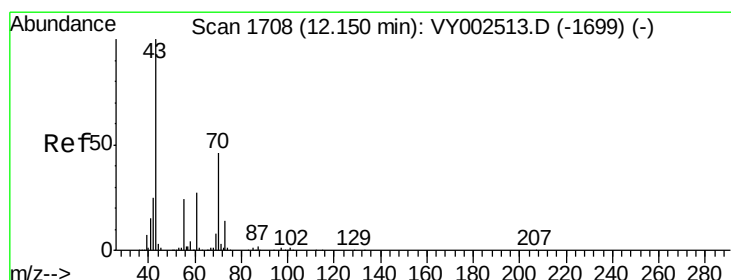
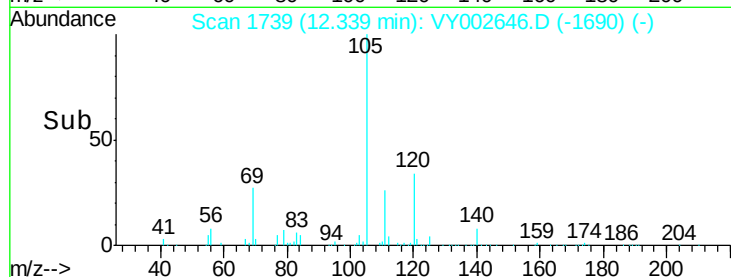
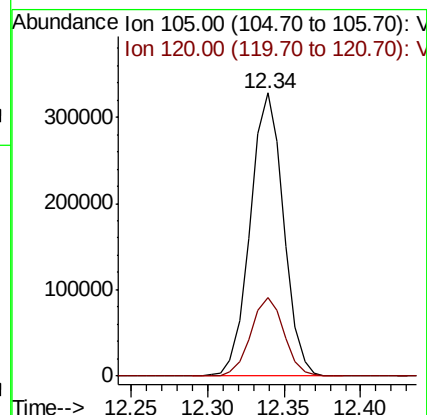
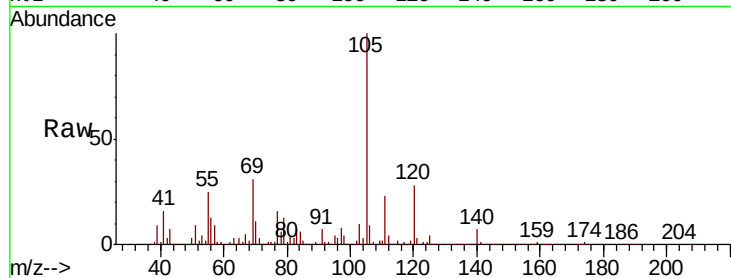
ClientSampleId :

Tot Ion:105 Resp: 493727

Ion Ratio Lower Upper

105 100

120 27.8 13.8 41.3



#74

N-ethyl acetate

Concen: 157.834 ug/l

RT: 12.13 min Scan# 1705

Delta R.T. -0.02 min

Lab File: VY002646.D

Acq: 08 May 2020 16:50

Tgt Ion: 43 Resp: 477472

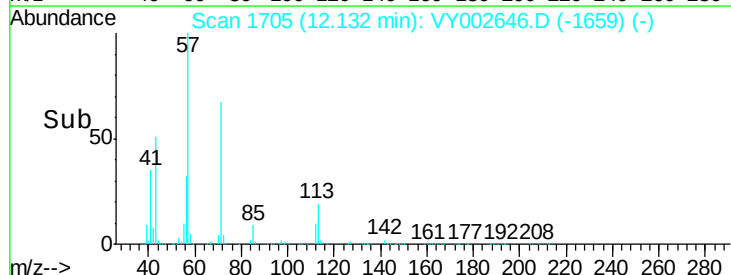
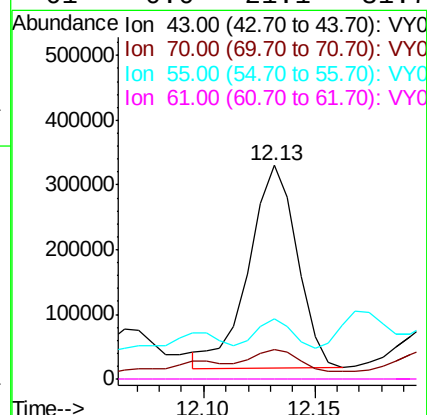
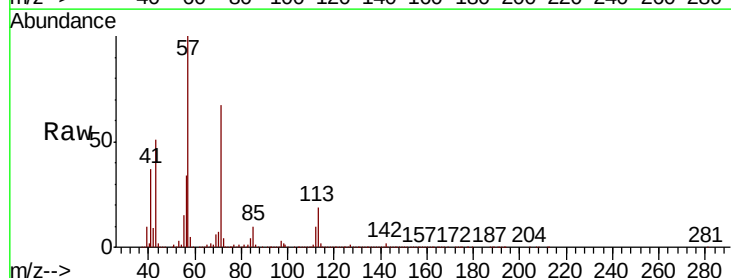
Ion Ratio Lower Upper

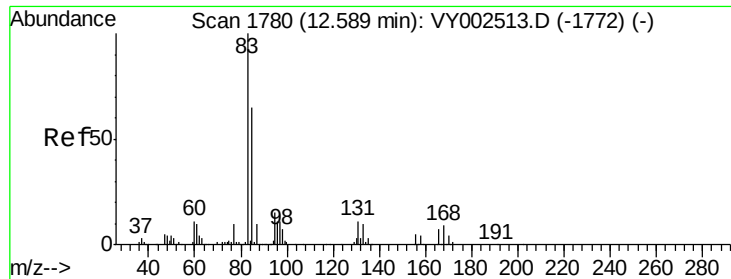
43 100

70 10.2 36.7 55.1#

55 10.7 19.2 28.8#

61 0.0 21.1 31.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 16.205 ug/l

RT: 12.53 min Scan# 1771

Delta R.T. -0.05 min

Lab File: VY002646.D

Acq: 08 May 2020 16:50

Instrument :

MSVOA_Y

ClientSampleId :

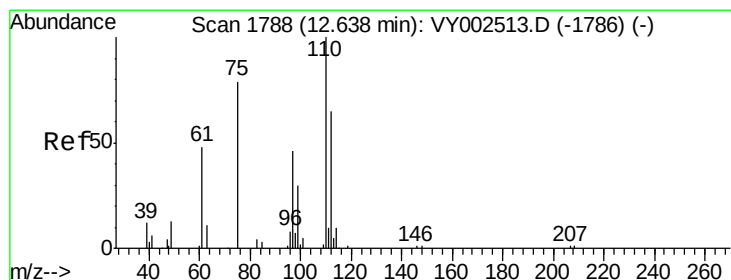
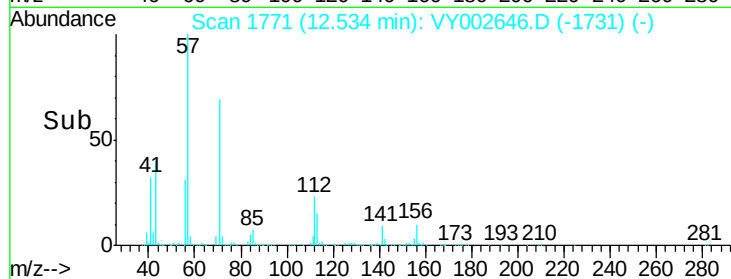
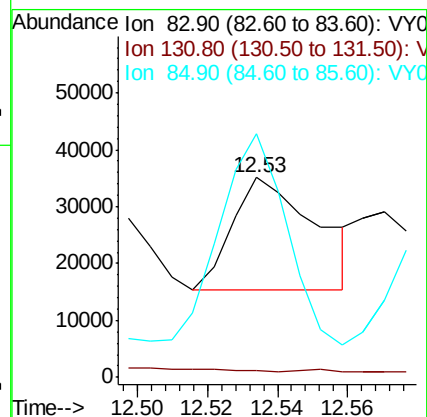
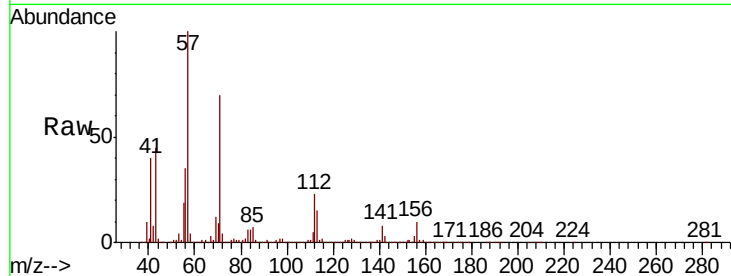
Tot Ion: 83 Resp: 32409

Ion Ratio Lower Upper

83 100

131 0.0 5.9 17.8#

85 150.8 31.9 95.9#



#76

1,2,3-Trichloropropane

Concen: 7.408 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.04 min

Lab File: VY002646.D

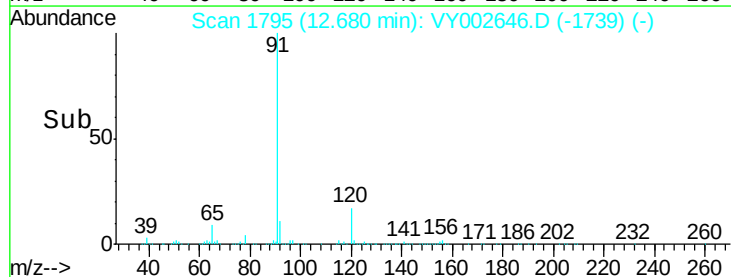
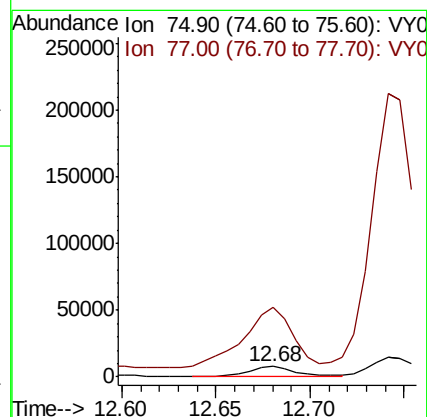
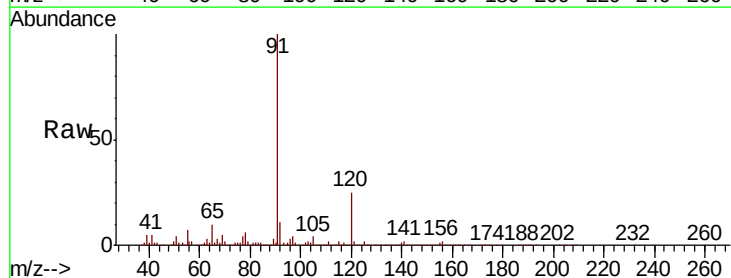
Acq: 08 May 2020 16:50

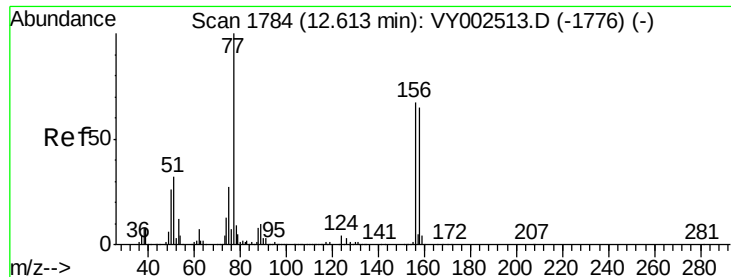
Tgt Ion: 75 Resp: 12774

Ion Ratio Lower Upper

75 100

77 649.7 0.0 0.0#





#77

Bromobenzene

Concen: 139.207 ug/l

RT: 12.53 min Scan# 1770

Delta R.T. -0.09 min

Lab File: VY002646.D

Acq: 08 May 2020 16:50

Instrument :

MSVOA_Y

ClientSampled :

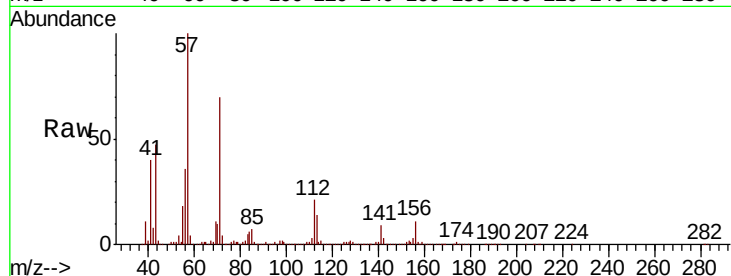
Tot Ion:156 Resp: 437375

Ion Ratio Lower Upper

156 100

77 0.0 82.0 245.8#

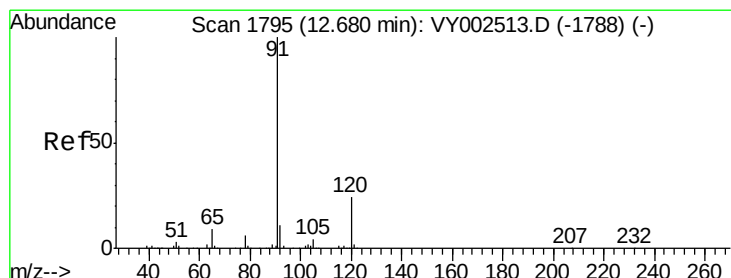
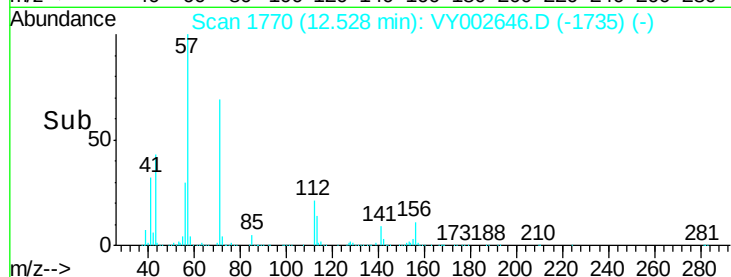
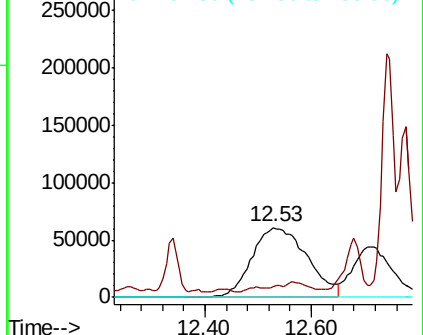
158 0.0 48.5 145.6#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 123.063 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY002646.D

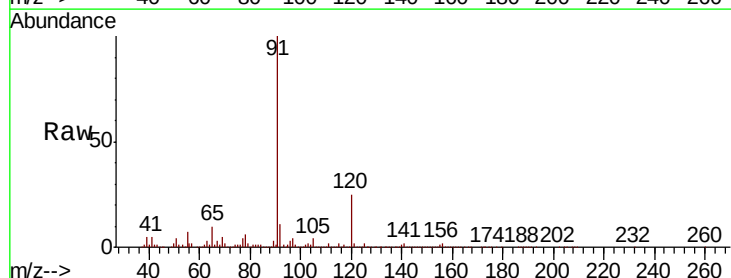
Acq: 08 May 2020 16:50

Tgt Ion: 91 Resp: 1795970

Ion Ratio Lower Upper

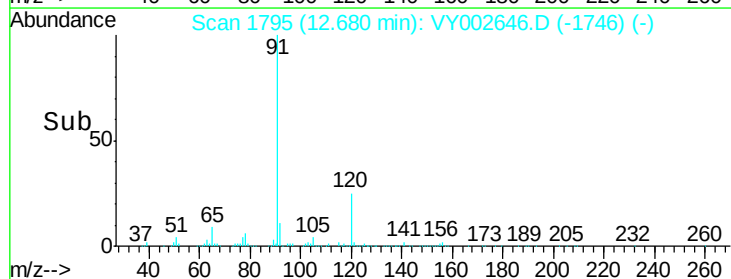
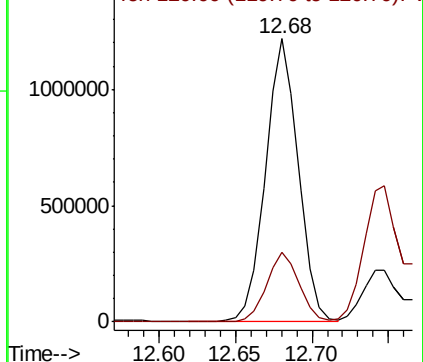
91 100

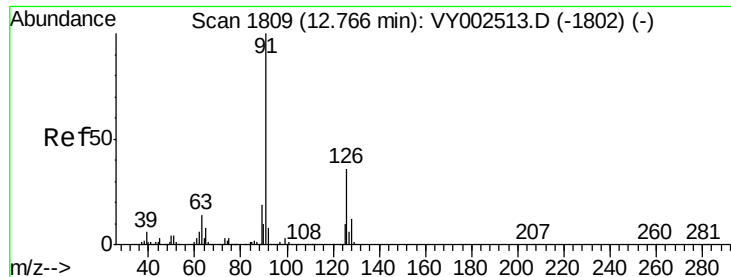
120 24.4 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.684 ug/l

RT: 12.78 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VY002646.D

Acq: 08 May 2020 16:50

Instrument :

MSVOA_Y

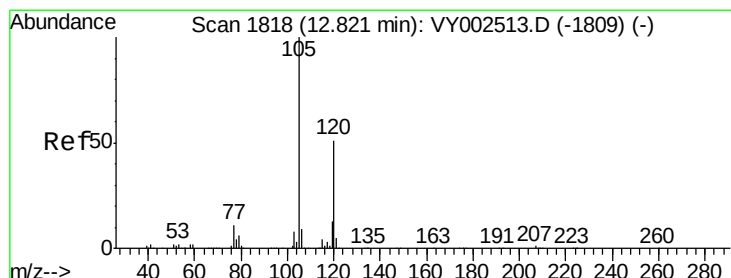
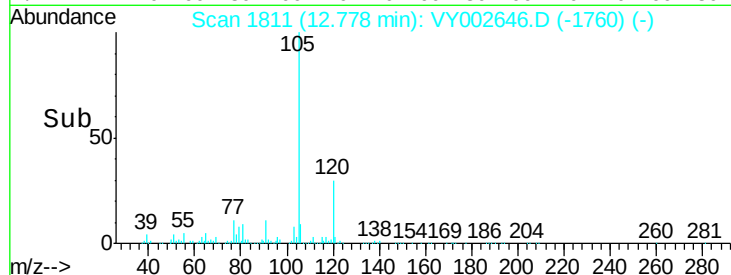
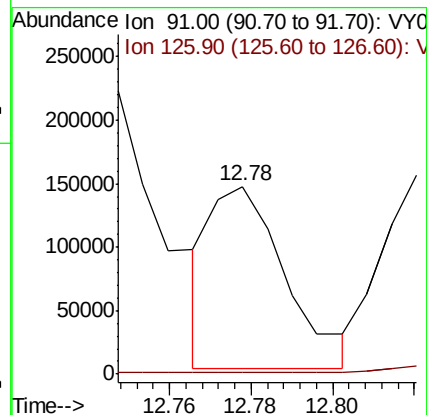
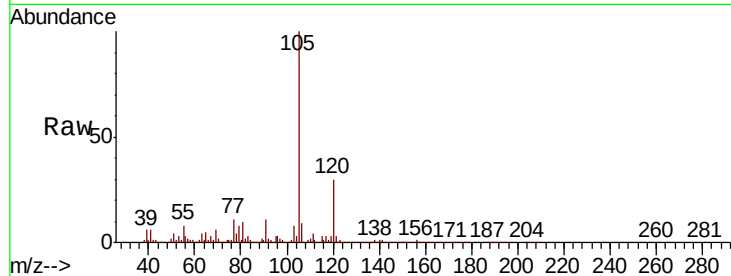
ClientSampleId :

Tot Ion: 91 Resp: 183379

Ion Ratio Lower Upper

91 100

126 0.0 18.4 55.2#



#80

1,3,5-Trimethylbenzene

Concen: 186.302 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY002646.D

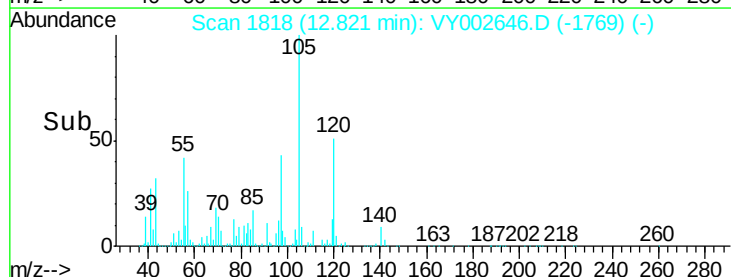
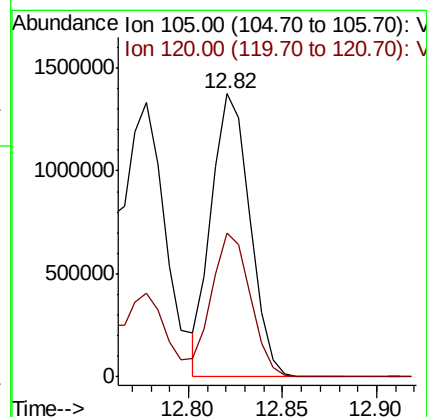
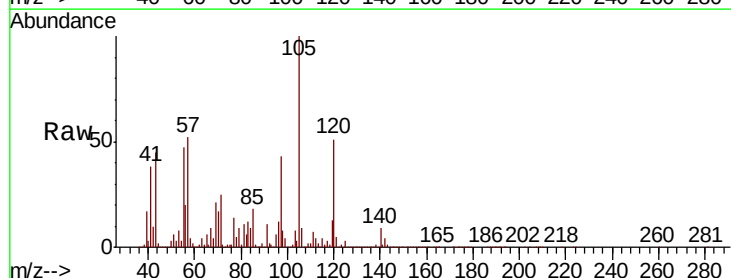
Acq: 08 May 2020 16:50

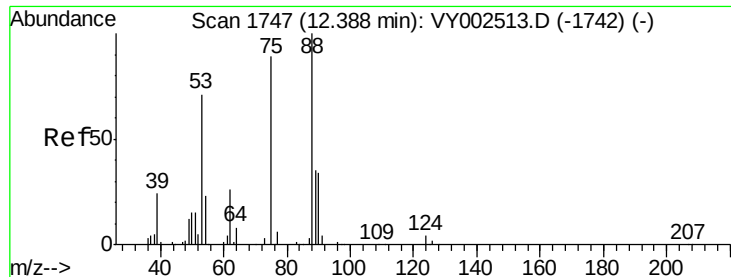
Tgt Ion: 105 Resp: 1942071

Ion Ratio Lower Upper

105 100

120 52.5 25.3 75.9

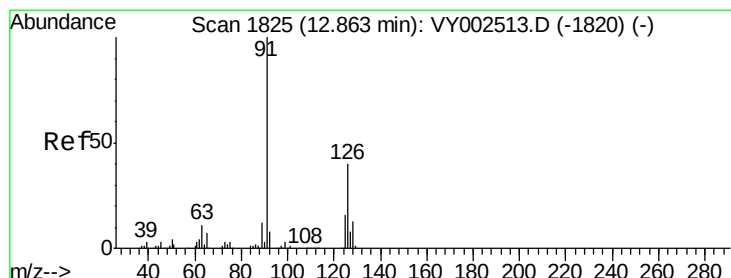
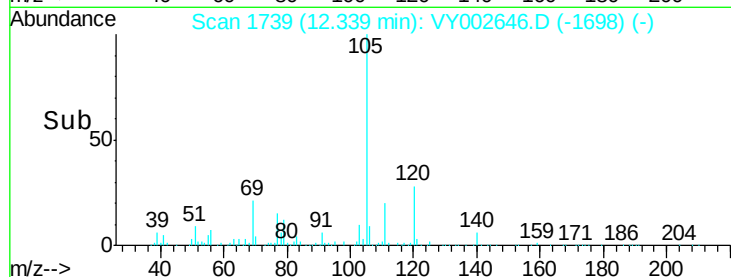
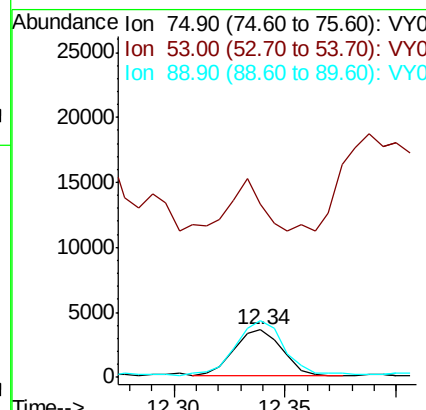
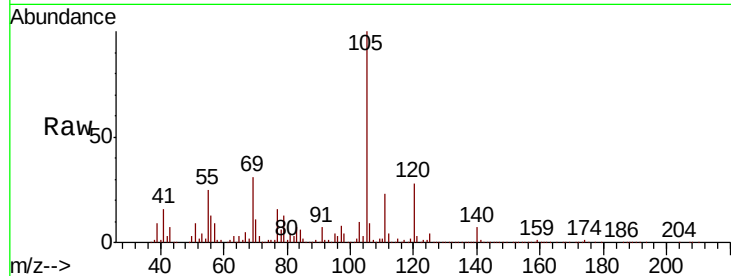




#81
trans-1,4-Dichloro-2-butene
Concen: 6.381 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. -0.05 min
Lab File: VY002646.D
Acq: 08 May 2020 16:50

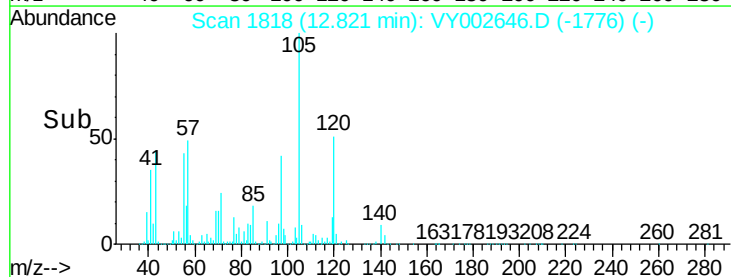
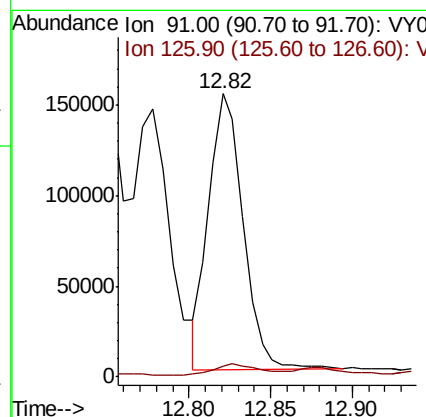
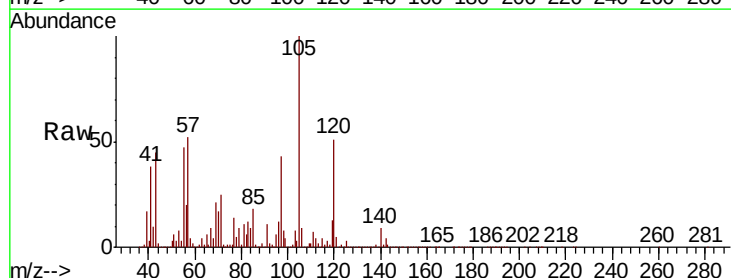
Instrument :
MSVOA_Y
ClientSampled :

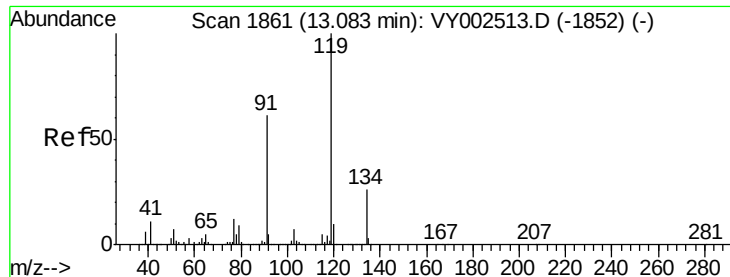
Tot Ion: 75 Resp: 5487
Ion Ratio Lower Upper
75 100
53 67.9 67.4 101.0
89 117.2 37.4 56.0#



#82
4-Chlorotoluene
Concen: 26.512 ug/l
RT: 12.82 min Scan# 1818
Delta R.T. -0.04 min
Lab File: VY002646.D
Acq: 08 May 2020 16:50

Tgt Ion: 91 Resp: 225126
Ion Ratio Lower Upper
91 100
126 5.3 18.5 55.5#





#83

tert-Butylbenzene

Concen: 6.877 ug/l

RT: 13.08 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VY002646.D

Acq: 08 May 2020 16:50

Instrument :

MSVOA_Y

ClientSampleId :

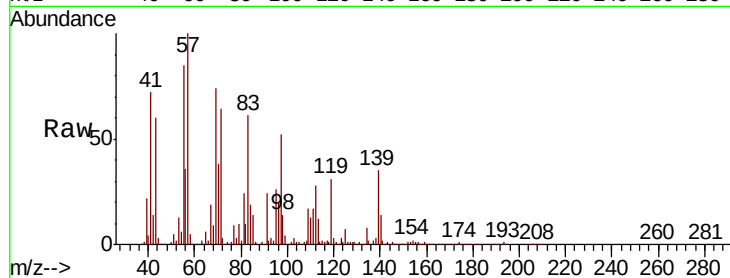
Tot Ion:119 Resp: 62862

Ion Ratio Lower Upper

119 100

91 72.3 30.6 91.6

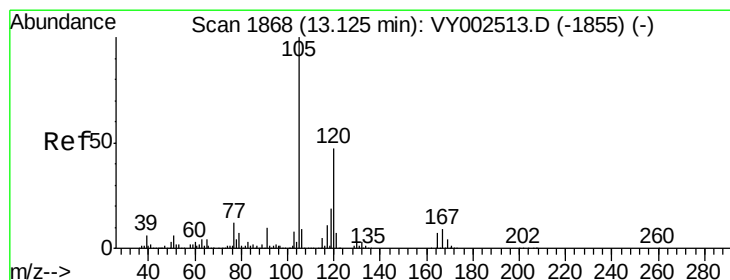
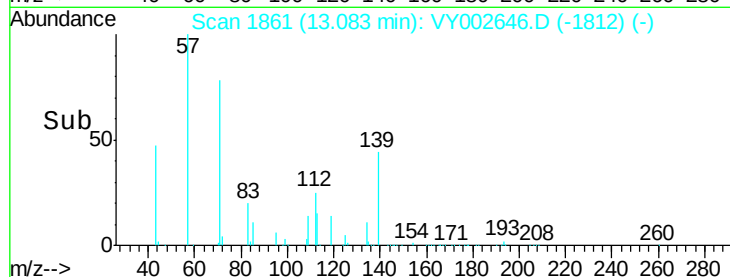
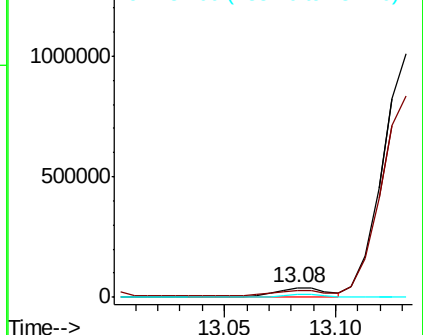
134 25.6 13.5 40.4



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: 1016.833 ug/l

RT: 13.13 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VY002646.D

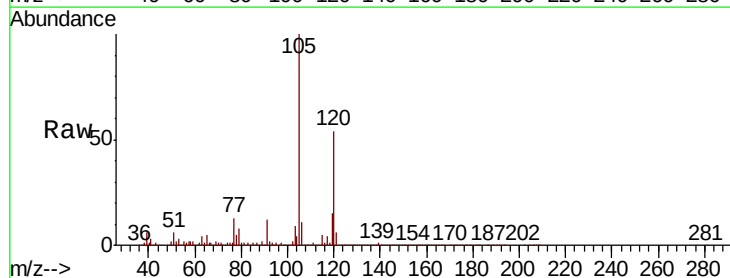
Acq: 08 May 2020 16:50

Tgt Ion:105 Resp:10563873

Ion Ratio Lower Upper

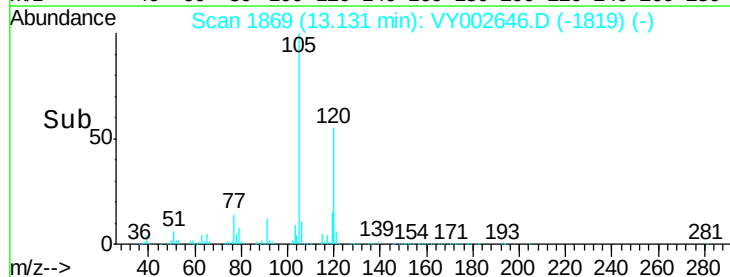
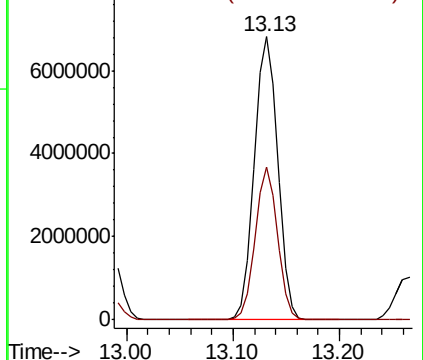
105 100

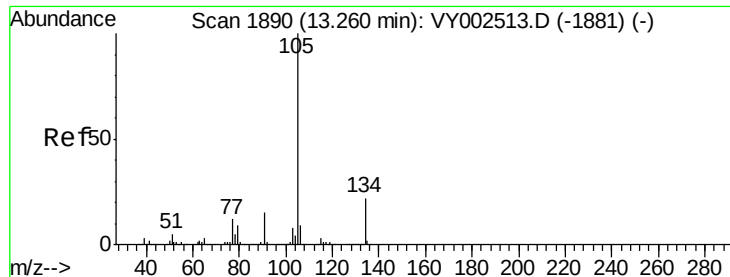
120 51.2 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 122.637 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY002646.D

Acq: 08 May 2020 16:50

Instrument :

MSVOA_Y

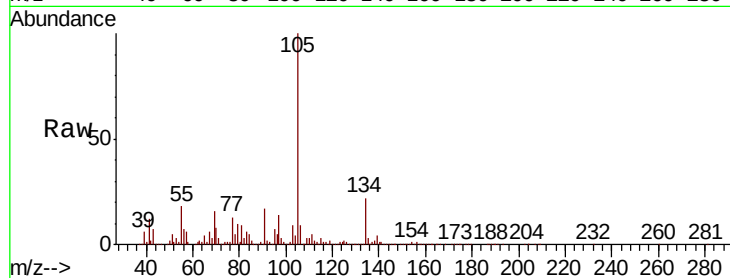
ClientSampled :

Tot Ion:105 Resp: 1555440

Ion Ratio Lower Upper

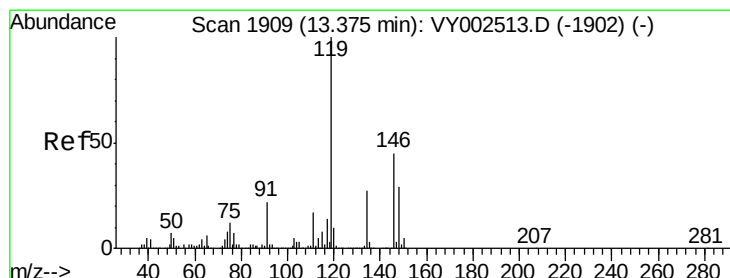
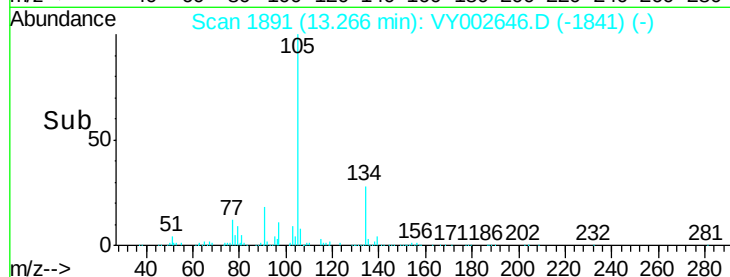
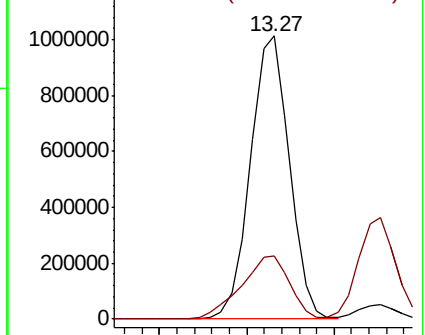
105 100

134 28.1 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 89.202 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY002646.D

Acq: 08 May 2020 16:50

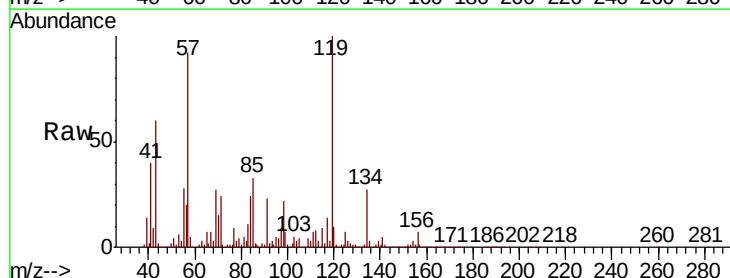
Tgt Ion:119 Resp: 1060085

Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.5

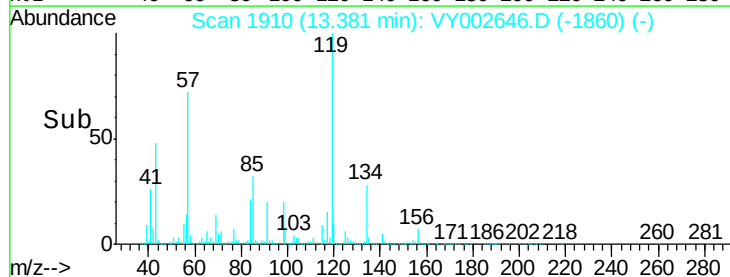
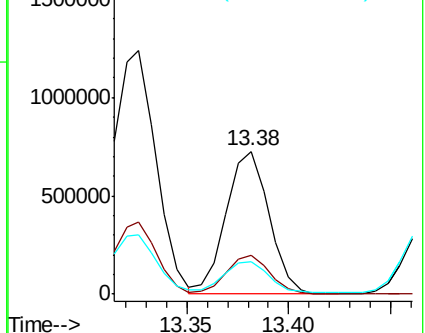
91 22.9 10.9 32.9

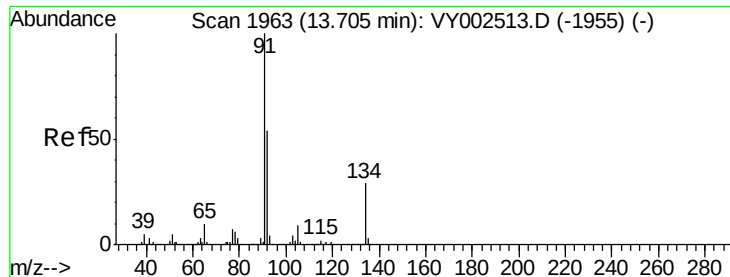


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

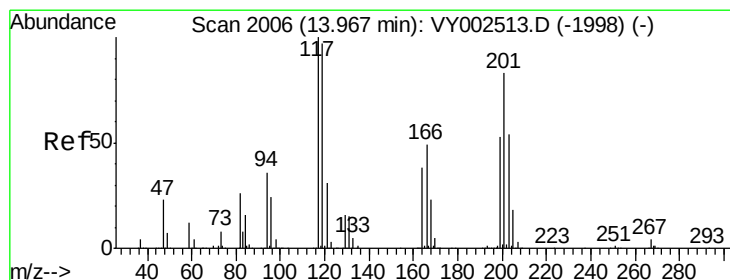
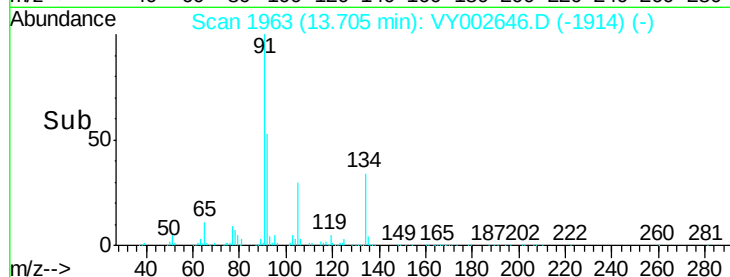
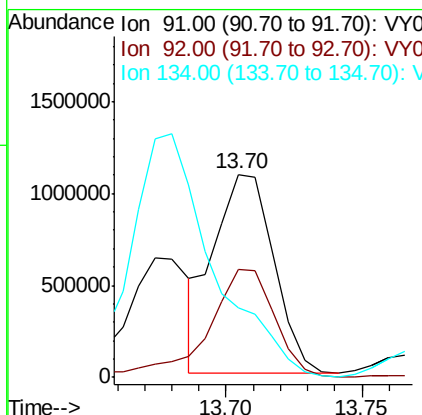
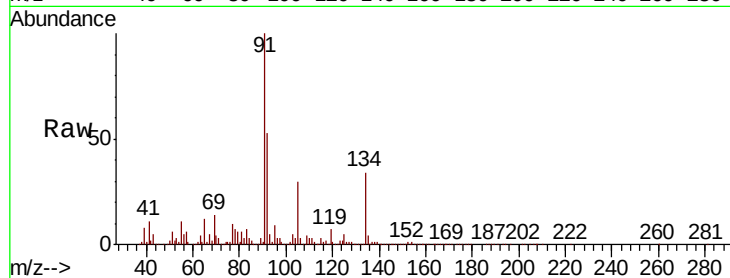




#89
n-Butylbenzene
Concen: 153.521 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY002646.D
Acq: 08 May 2020 16:50

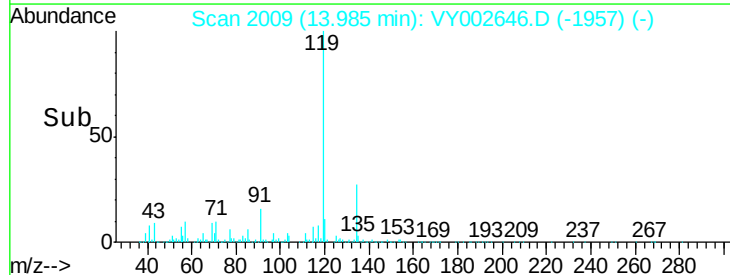
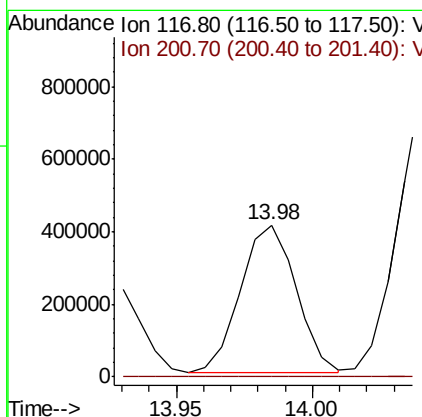
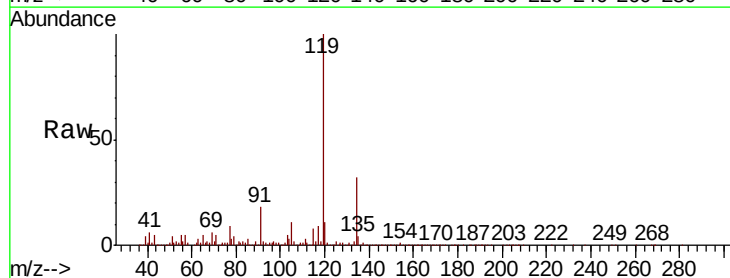
Instrument :
MSVOA_Y
ClientSampleId :

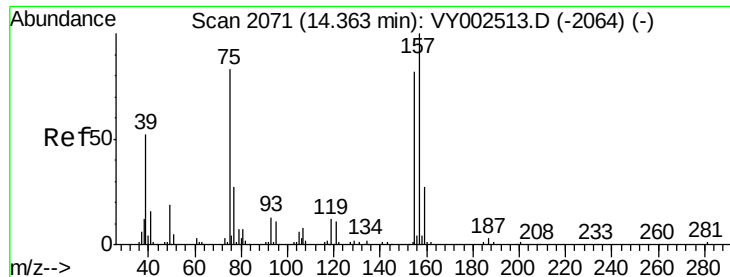
Tot Ion: 91 Resp: 1660889
Ion Ratio Lower Upper
91 100
92 58.6 27.1 81.3
134 0.0 14.4 43.0#



#90
Hexachloroethane
Concen: 266.888 ug/l
RT: 13.98 min Scan# 2009
Delta R.T. 0.02 min
Lab File: VY002646.D
Acq: 08 May 2020 16:50

Tgt Ion: 117 Resp: 577604
Ion Ratio Lower Upper
117 100
201 0.0 44.4 133.2#

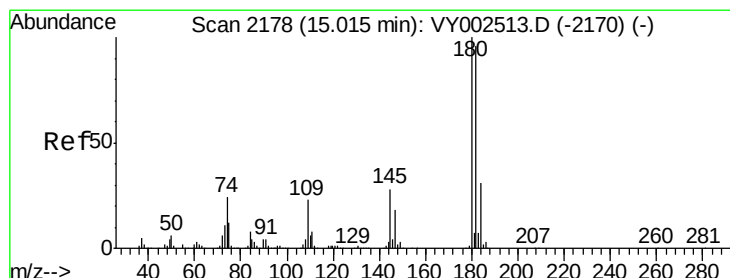
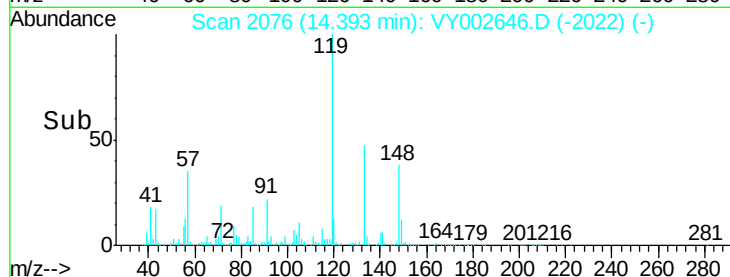
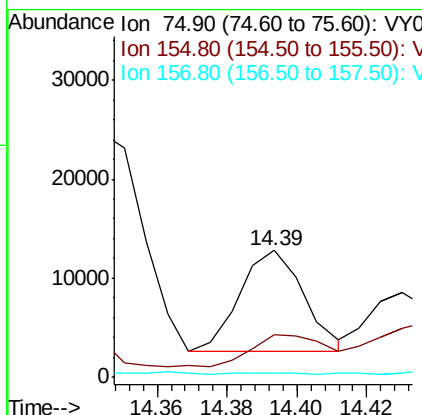
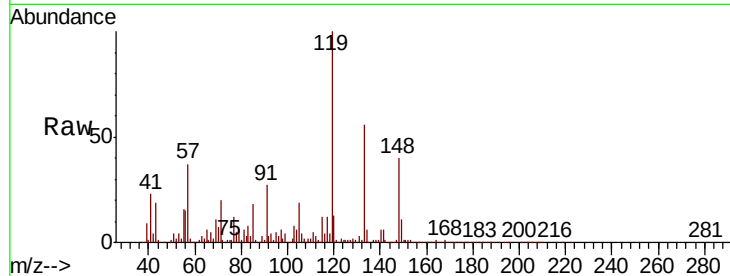




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 35.093 ug/l
 RT: 14.39 min Scan# 2076
 Delta R.T. 0.03 min
 Lab File: VY002646.D
 Acq: 08 May 2020 16:50

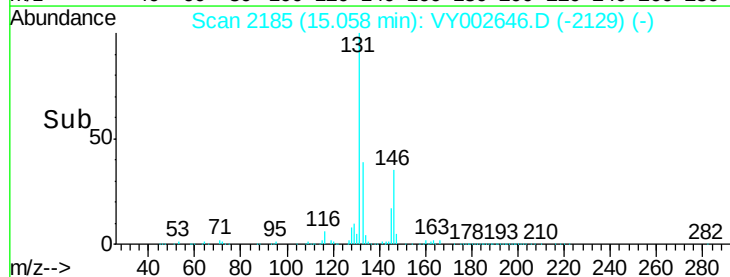
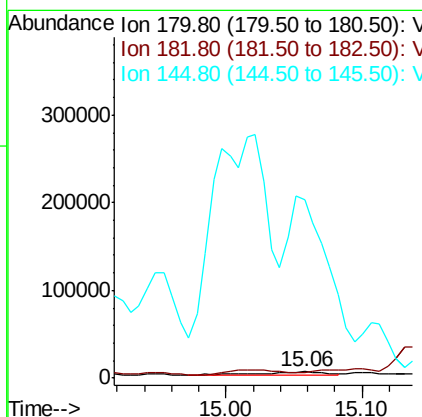
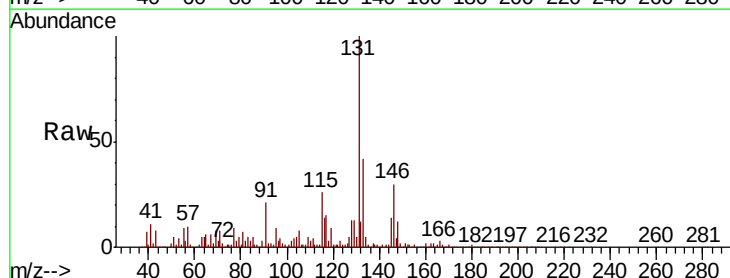
Instrument :
 MSVOA_Y
 ClientSampleId :

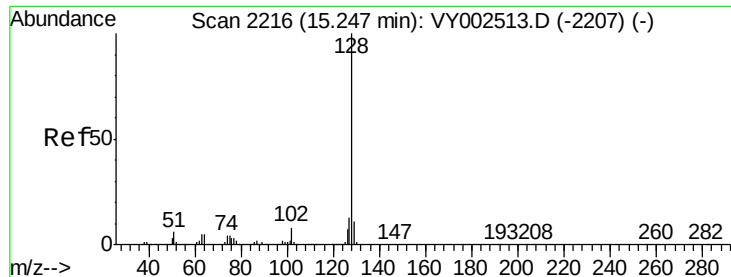
Tot Ion: 75 Resp: 13083
 Ion Ratio Lower Upper
 75 100
 155 35.4 51.3 153.9#
 157 0.8 65.0 195.0#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.631 ug/l
 RT: 15.06 min Scan# 2185
 Delta R.T. 0.04 min
 Lab File: VY002646.D
 Acq: 08 May 2020 16:50

Tgt Ion: 180 Resp: 13987
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.9 143.6#
 145 3137.8 14.4 43.0#





#95

Naphthalene

Concen: 755.773 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. -0.00 min

Lab File: VY002646.D

Acq: 08 May 2020 16:50

Instrument :

MSVOA_Y

ClientSampleId :

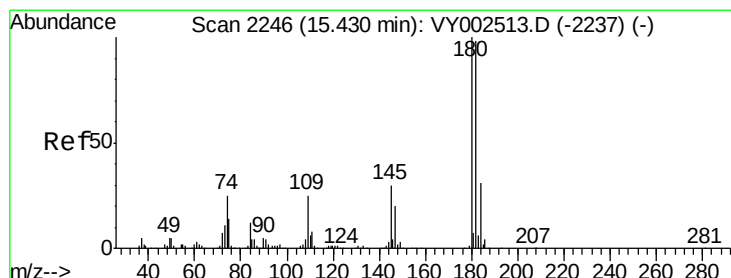
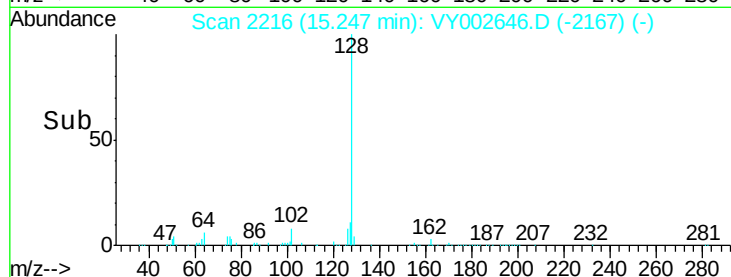
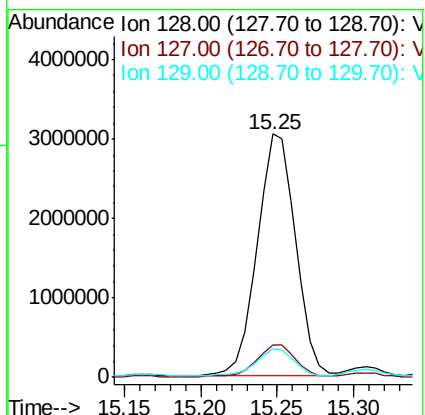
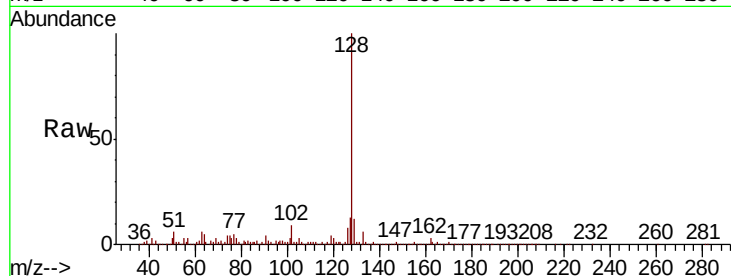
Tot Ion:128 Resp: 5311299

Ion Ratio Lower Upper

128 100

127 13.5 10.5 15.7

129 11.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 5.458 ug/l

RT: 15.41 min Scan# 2242

Delta R.T. -0.02 min

Lab File: VY002646.D

Acq: 08 May 2020 16:50

Tgt Ion:180 Resp: 17850

Ion Ratio Lower Upper

180 100

182 19.9 47.9 143.8#

145 1292.7 15.0 45.1#

