

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051120\
 Data File : VY002656.D
 Acq On : 11 May 2020 12:22
 Operator : SY/MD
 Sample : L2564-01RE
 Misc : 5.08G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 11 15:09:26 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	7.81	168	356278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	547868	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	474643	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	190095	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	147331	49.18	ug/l	0.00
Spiked Amount			Recovery	=	98.36%	
35) Dibromofluoromethane	7.74	113	161751	51.62	ug/l	0.00
Spiked Amount			Recovery	=	103.24%	
50) Toluene-d8	10.19	98	633332	51.76	ug/l	0.00
Spiked Amount			Recovery	=	103.52%	
62) 4-Bromofluorobenzene	12.49	95	202803	48.85	ug/l	0.00
Spiked Amount			Recovery	=	97.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	326	1.891	ug/l #	62
11) Tert butyl alcohol	4.98	59	1219	3.955	ug/l #	74
16) Acetone	3.97	43	10078	16.301	ug/l	98
17) Carbon Disulfide	4.22	76	14501	1.572	ug/l	99
20) Methylene Chloride	4.74	84	10915	3.157	ug/l	94
25) 2-Butanone	7.02	43	4227	4.177	ug/l #	86
36) 1,1-Dichloropropene	7.80	75	22199	4.833	ug/l #	48
37) Ethyl Acetate	7.02	43	4227	1.791	ug/l #	50
38) Carbon Tetrachloride	7.81	117	30972	6.177	ug/l #	15
51) 4-Methyl-2-Pentanone	10.08	43	2632	1.154	ug/l	96
55) 1,1,2-Trichloroethane	10.63	97	4517	1.682	ug/l #	24
59) 2-Hexanone	10.81	43	20471	13.042	ug/l #	28
67) Ethyl Benzene	11.60	91	65077	4.106	ug/l	97
68) m/p-Xylenes	11.71	106	10313	1.682	ug/l	93
69) o-Xylene	12.03	106	39124	6.814	ug/l	96
73) Isopropylbenzene	12.34	105	198087	16.078	ug/l	100
74) N-amyl acetate	12.13	43	166216	56.085	ug/l #	54
75) 1,1,2,2-Tetrachloroethane	12.53	83	10841	5.533	ug/l #	1
76) 1,2,3-Trichloropropane	12.67	75	3984	2.358	ug/l #	100
78) n-propylbenzene	12.68	91	725794	50.765	ug/l	100
79) 2-Chlorotoluene	12.82	91	22050	2.784	ug/l	78
80) 1,3,5-Trimethylbenzene	12.82	105	74885	7.333	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.49	75	89858	106.660	ug/l #	17
82) 4-Chlorotoluene	12.82	91	22039	2.649	ug/l	77
83) tert-Butylbenzene	13.08	119	27213	3.039	ug/l	91
84) 1,2,4-Trimethylbenzene	13.13	105	1679533	165.020	ug/l	99
85) sec-Butylbenzene	13.26	105	636592	51.233	ug/l	88
86) p-Isopropyltoluene	13.38	119	283707	24.368	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	6138	1.064	ug/l #	1
89) n-Butylbenzene	13.70	91	733252	69.183	ug/l #	75
90) Hexachloroethane	13.98	117	129964	61.298	ug/l #	5
91) 1,2-Dichlorobenzene	13.75	146	11635	2.238	ug/l #	76
92) 1,2-Dibromo-3-Chloropropan	14.34	75	7956	21.783	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.05	180	11343	3.006	ug/l #	1

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration

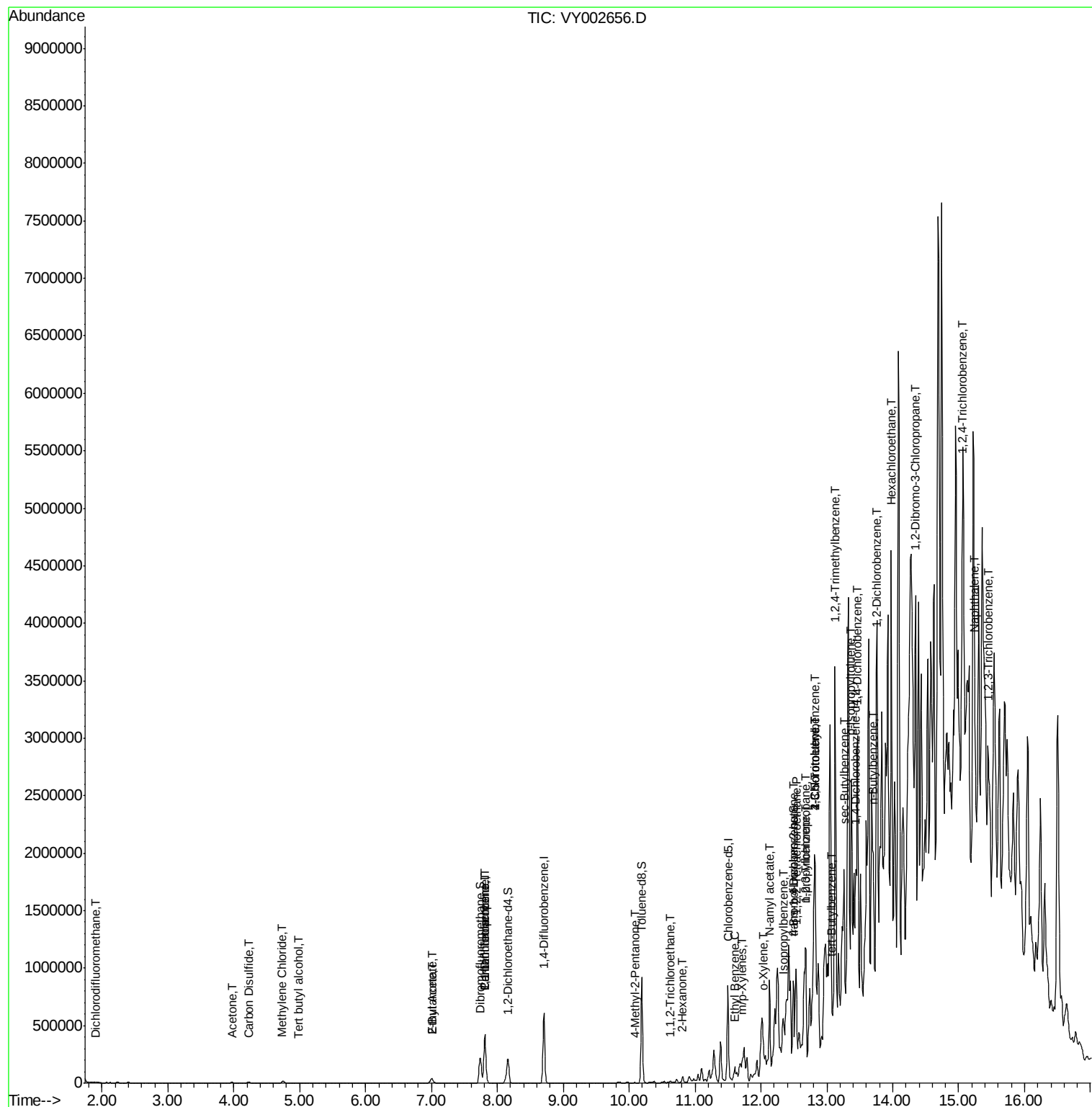
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.25	128	392608	57.026	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.45	180	14832	4.629	ug/l #	1

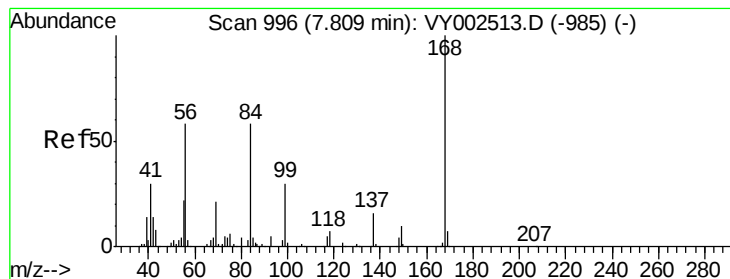
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY002656.D

Acq: 11 May 2020 12:22

Instrument :

MSVOA_Y

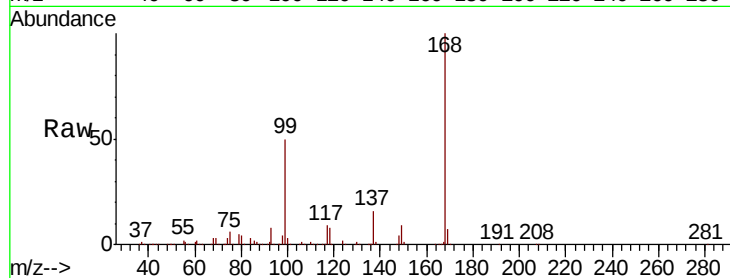
ClientSampleId :

Tot Ion:168 Resp: 356278

Ion Ratio Lower Upper

168 100

99 50.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.81

150000

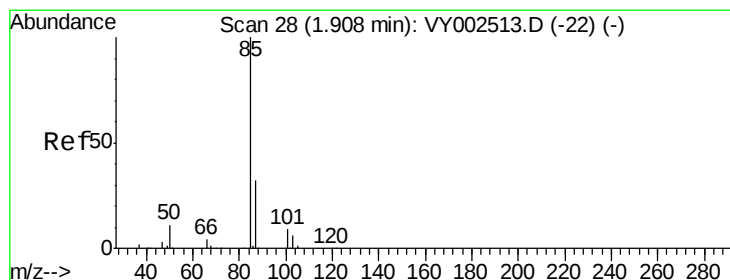
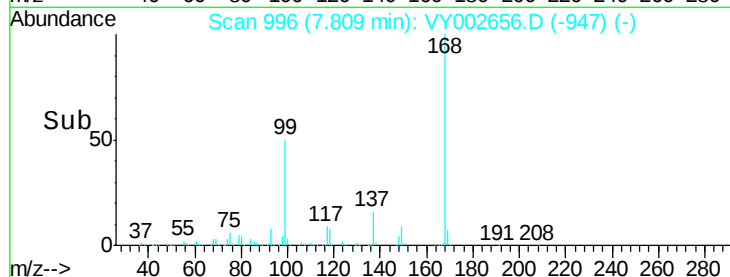
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 1.891 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002656.D

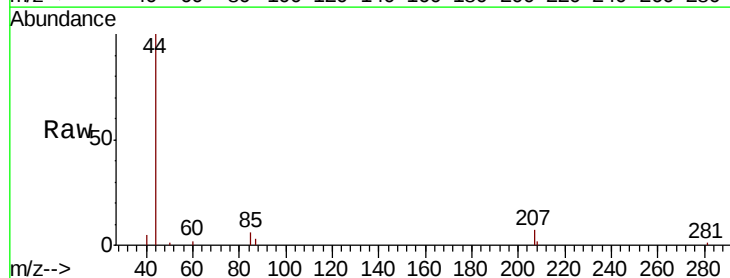
Acq: 11 May 2020 12:22

Tgt Ion: 85 Resp: 326

Ion Ratio Lower Upper

85 100

87 52.6 15.8 47.4#



Abundance Ion 84.90 (84.60 to 85.60): VY002513.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002513.D (-22) (-)

1.91

250

200

150

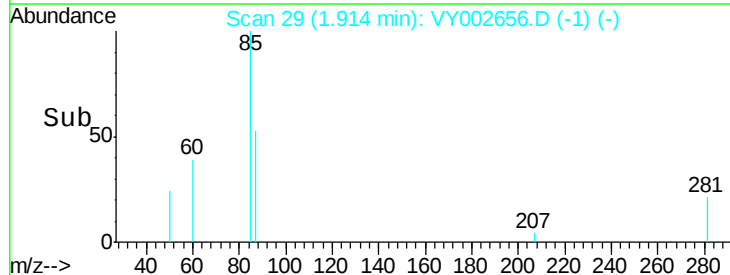
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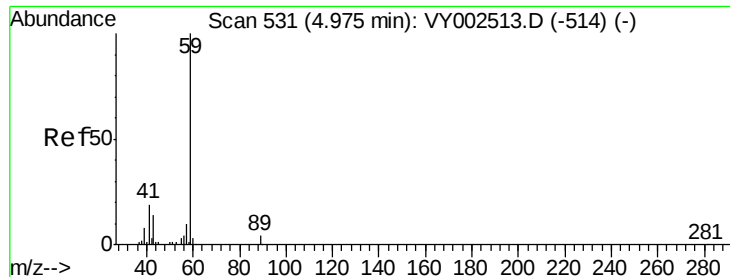
50

0

1.88 1.90 1.92 1.94

Time-->



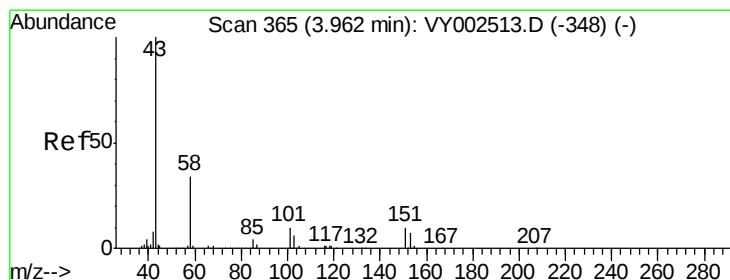
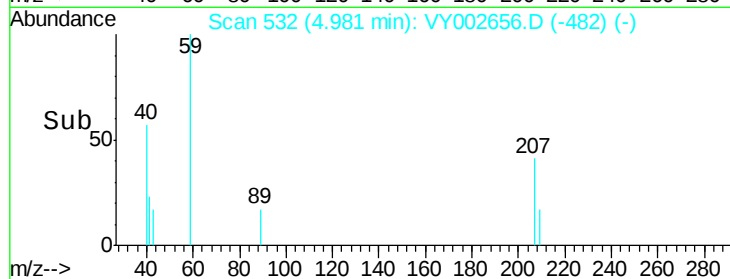
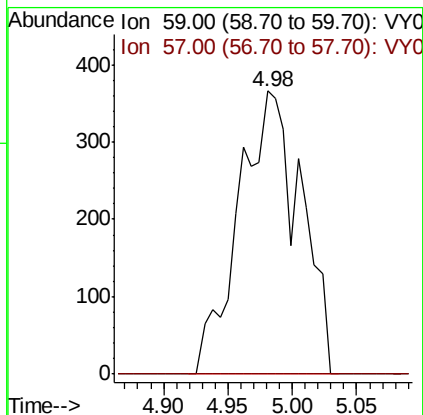
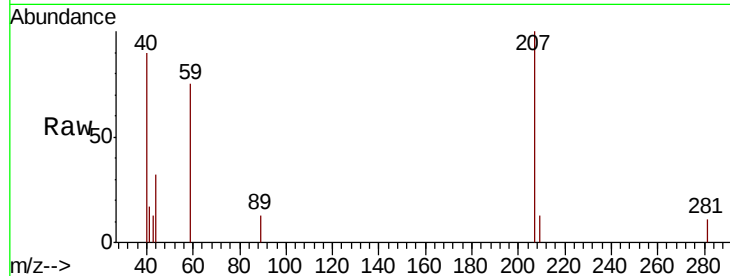


#11

Tert butyl alcohol
 Concen: 3.955 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VY002656.D
 Acq: 11 May 2020 12:22

Instrument :
 MSVOA_Y
 ClientSampleId :

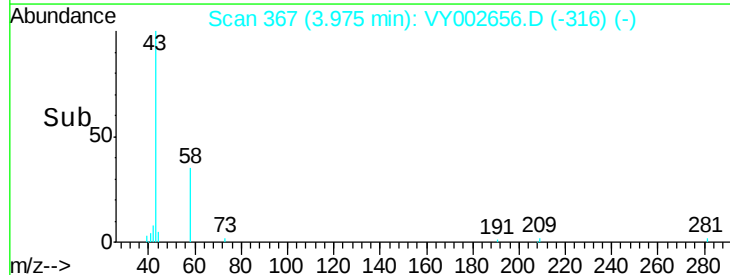
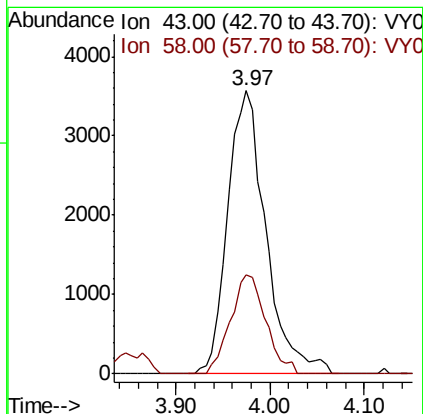
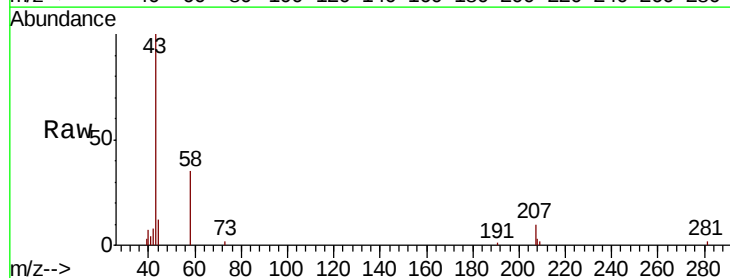
Tot Ion: 59 Resp: 1219
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.6#

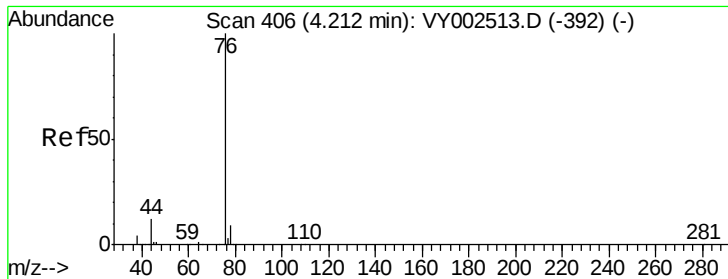


#16

Acetone
 Concen: 16.301 ug/l
 RT: 3.97 min Scan# 367
 Delta R.T. 0.01 min
 Lab File: VY002656.D
 Acq: 11 May 2020 12:22

Tgt Ion: 43 Resp: 10078
 Ion Ratio Lower Upper
 43 100
 58 34.9 26.9 40.3

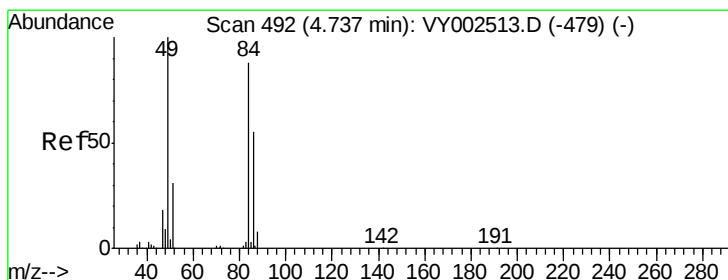
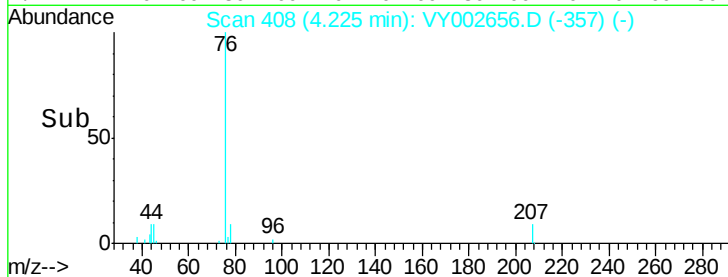
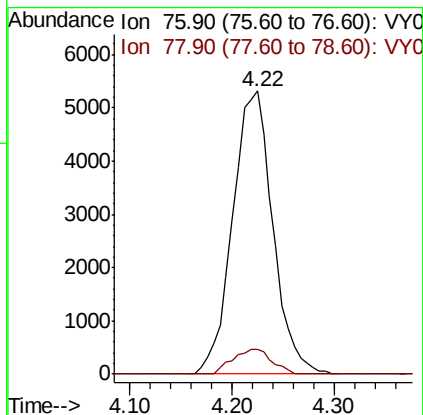
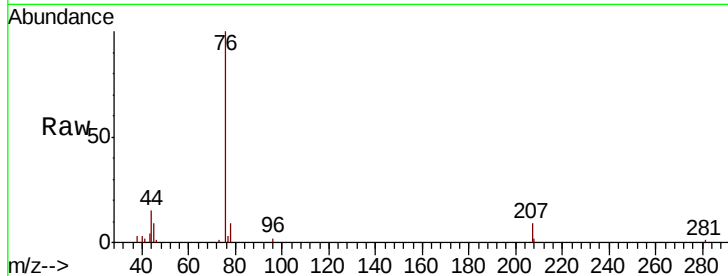




#17
Carbon Disulfide
Concen: 1.572 ug/l
RT: 4.22 min Scan# 408
Delta R.T. 0.01 min
Lab File: VY002656.D
Acq: 11 May 2020 12:22

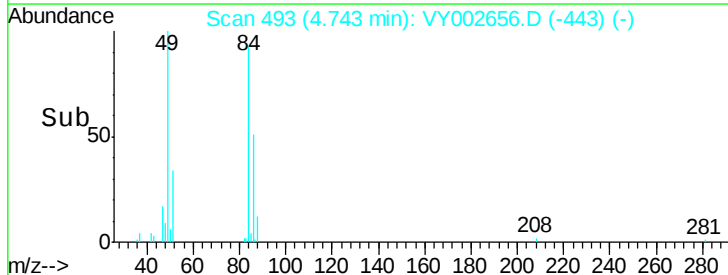
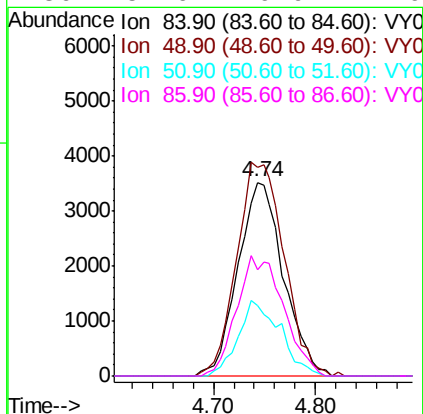
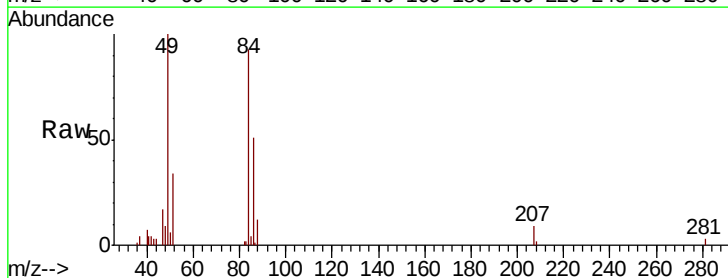
Instrument :
MSVOA_Y
ClientSampleId :

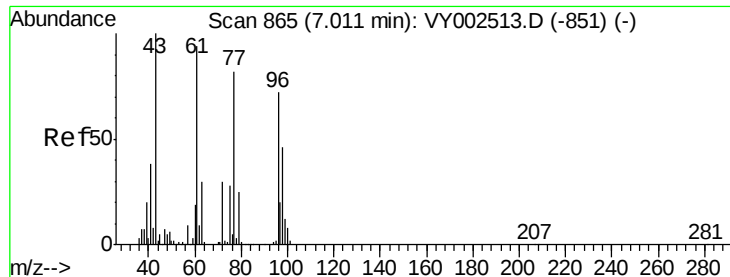
Tot Ion: 76 Resp: 14501
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2



#20
Methylene Chloride
Concen: 3.157 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002656.D
Acq: 11 May 2020 12:22

Tgt Ion: 84 Resp: 10915
Ion Ratio Lower Upper
84 100
49 108.0 90.5 135.7
51 36.4 28.3 42.5
86 54.6 49.9 74.9

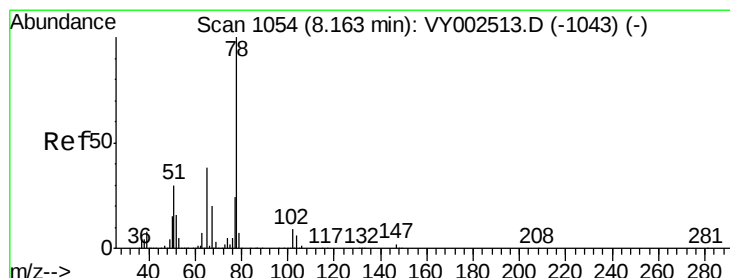
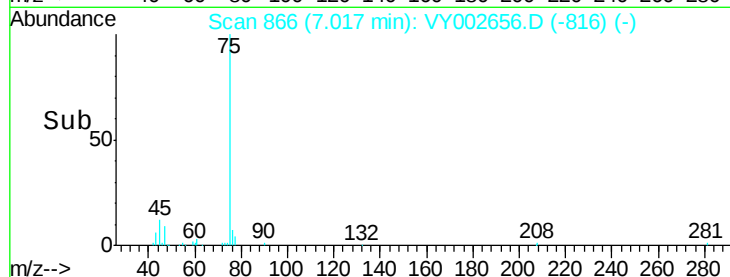
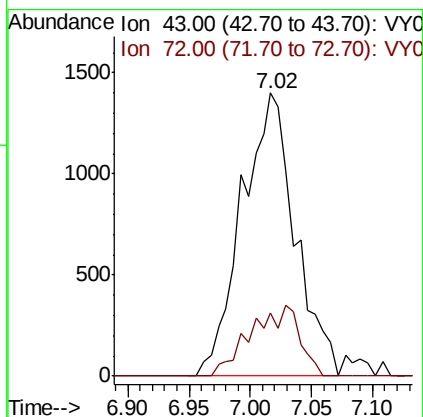
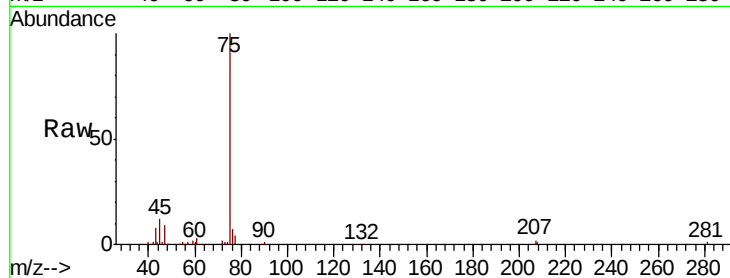




#25
2-Butanone
Concen: 4.177 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.01 min
Lab File: VY002656.D
Acq: 11 May 2020 12:22

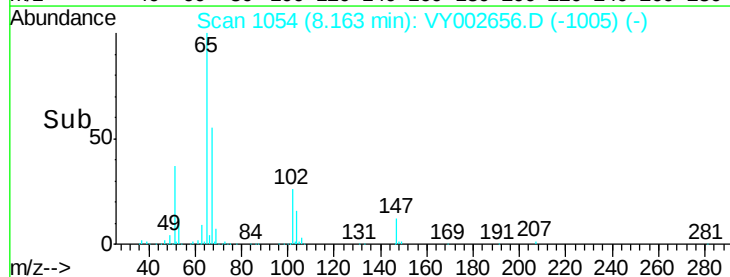
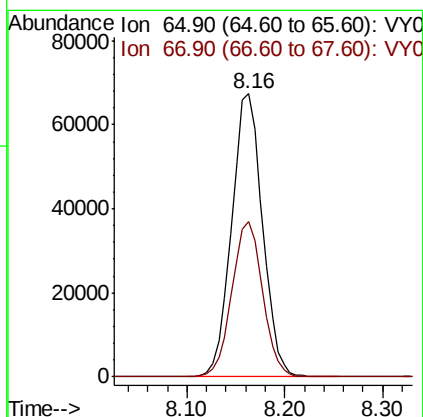
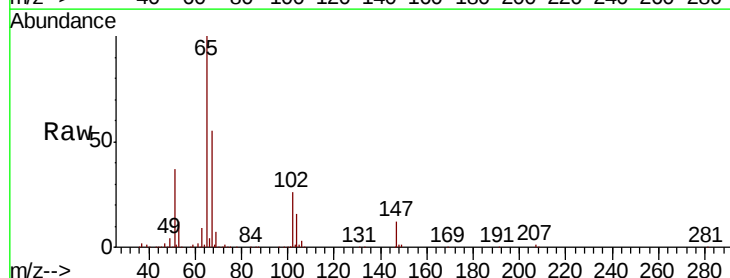
Instrument :
MSVOA_Y
ClientSampleId :

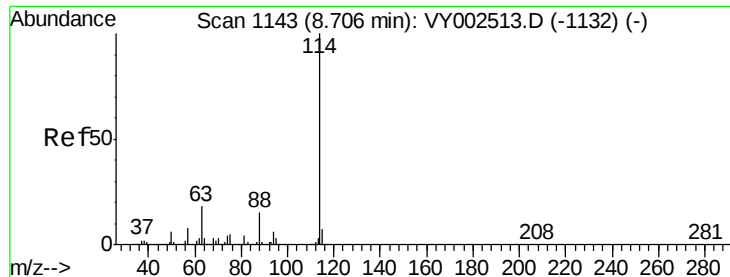
Tot Ion: 43 Resp: 4227
Ion Ratio Lower Upper
43 100
72 22.4 24.1 36.1#



#33
1,2-Dichloroethane-d4
Concen: 49.182 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY002656.D
Acq: 11 May 2020 12:22

Tgt Ion: 65 Resp: 147331
Ion Ratio Lower Upper
65 100
67 54.8 0.0 107.2

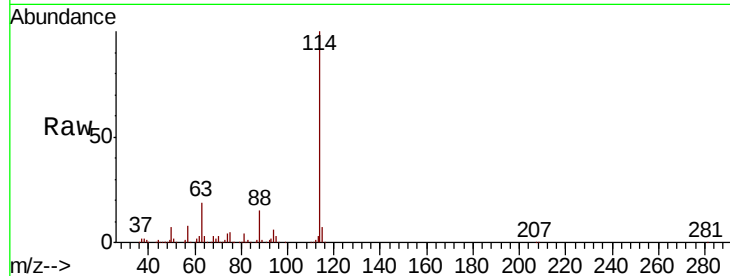




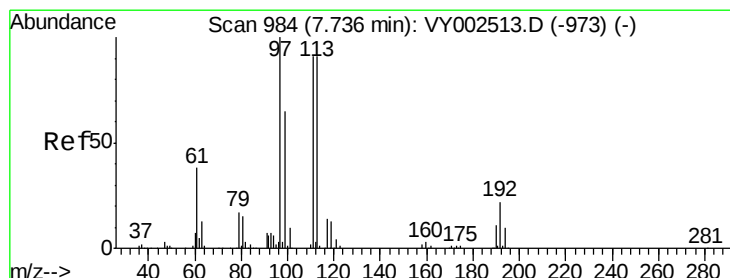
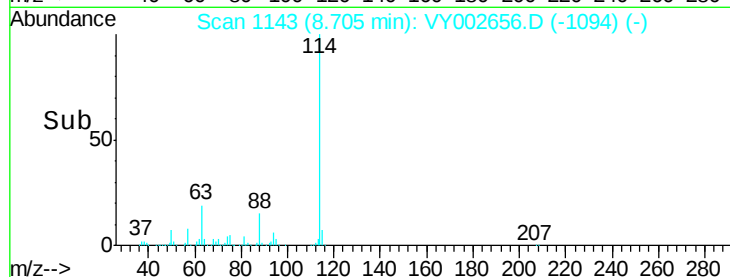
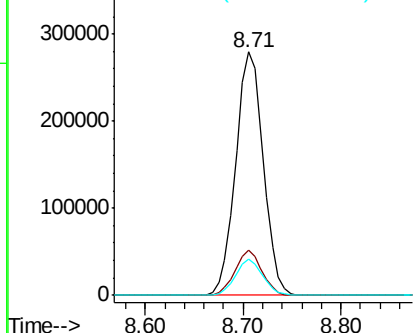
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY002656.D
 Acq: 11 May 2020 12:22

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	36.4
88	15.0	0.0	29.6

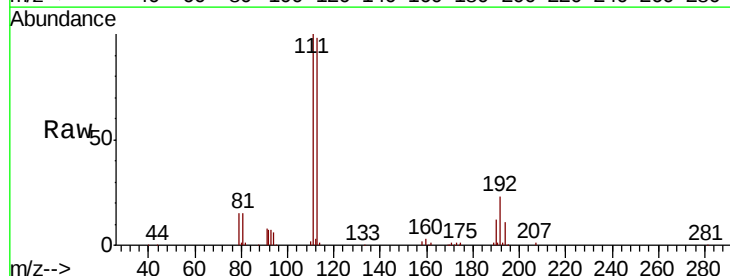


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

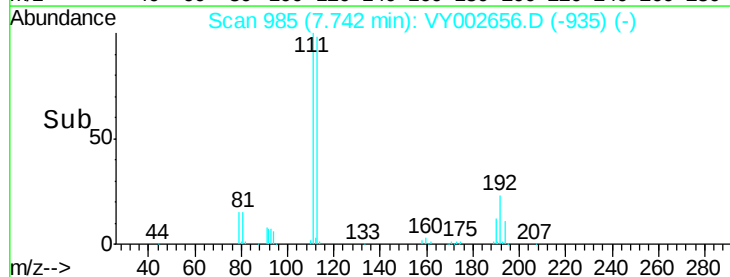
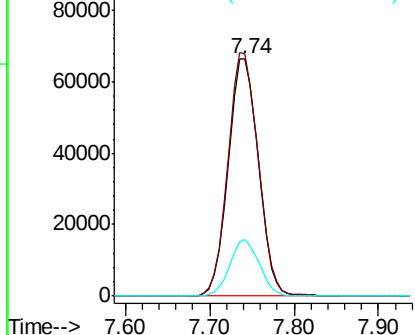


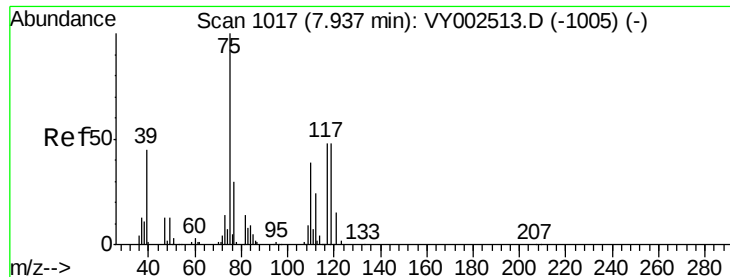
#35
 Dibromofluoromethane
 Concen: 51.624 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VY002656.D
 Acq: 11 May 2020 12:22

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.8	122.6
192	23.1	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: 4.833 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.13 min

Lab File: VY002656.D

Acq: 11 May 2020 12:22

Instrument :
MSVOA_Y
ClientSampleId :

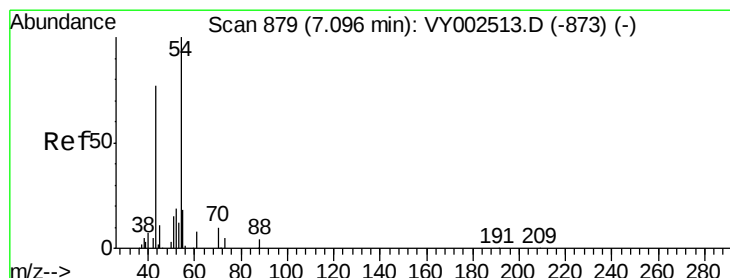
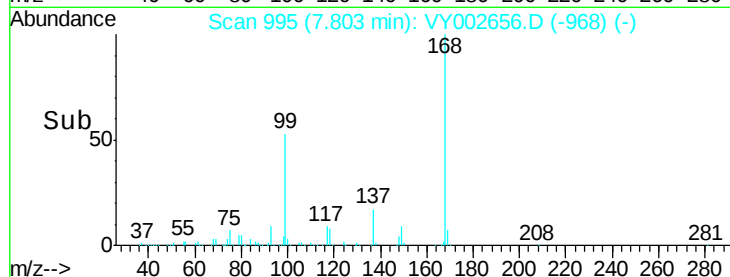
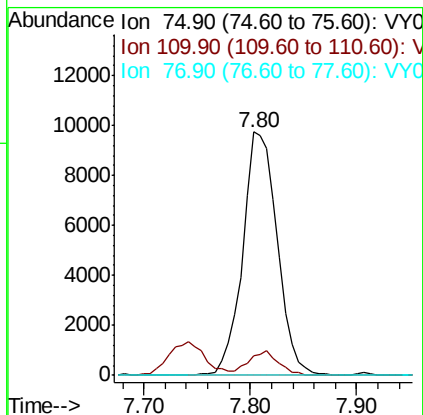
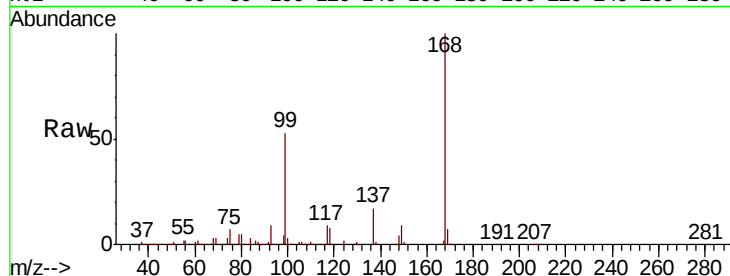
Tot Ion: 75 Resp: 22199

Ion Ratio Lower Upper

75 100

110 8.8 19.1 57.3#

77 0.0 24.6 37.0#



#37

Ethyl Acetate

Concen: 1.791 ug/l

RT: 7.02 min Scan# 866

Delta R.T. -0.08 min

Lab File: VY002656.D

Acq: 11 May 2020 12:22

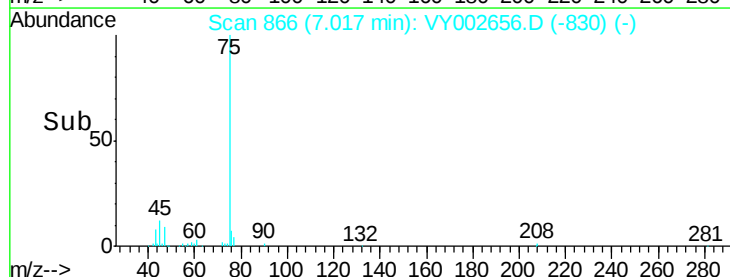
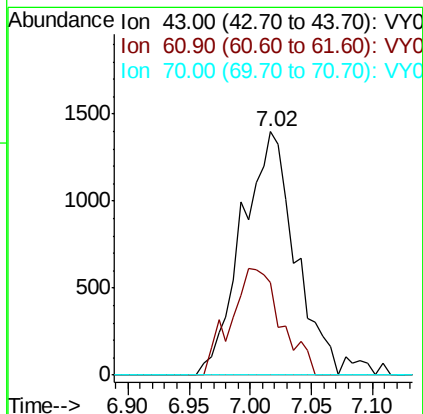
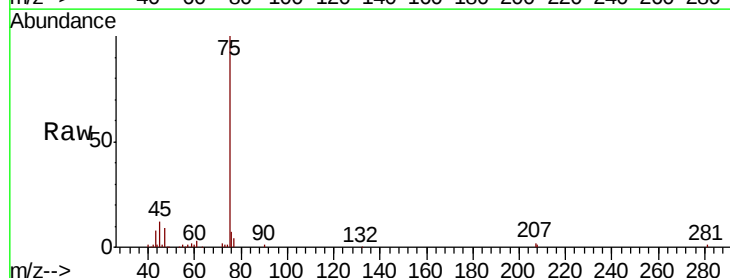
Tgt Ion: 43 Resp: 4227

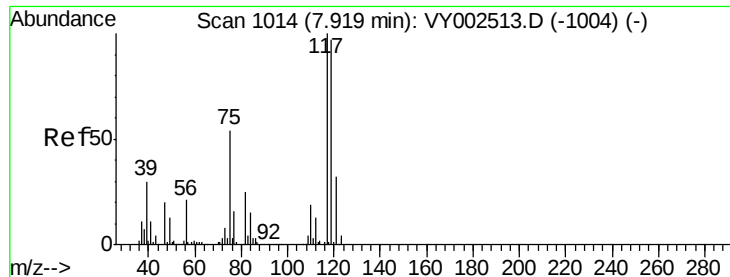
Ion Ratio Lower Upper

43 100

61 41.8 11.6 17.4#

70 0.0 9.0 13.6#

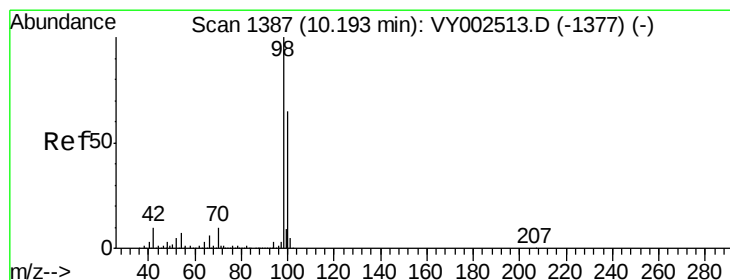
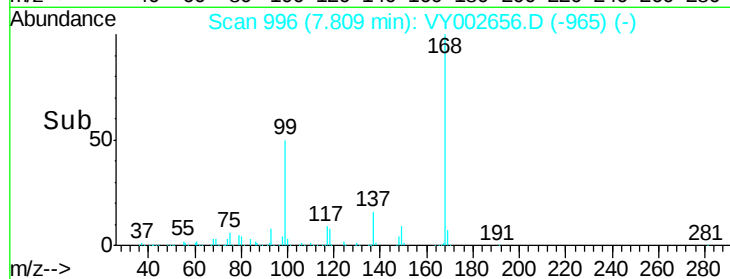
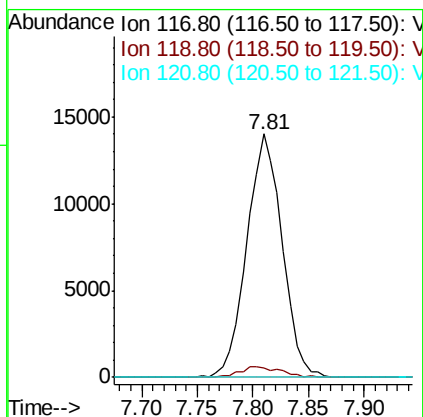
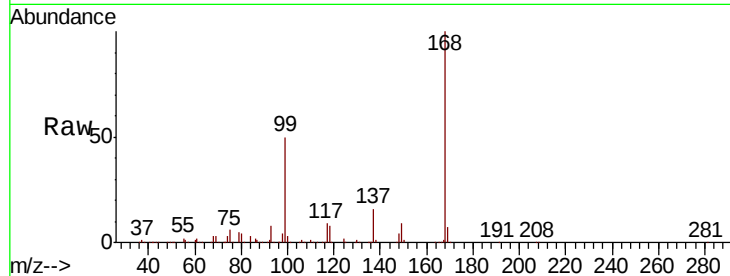




#38
Carbon Tetrachloride
Concen: 6.177 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.11 min
Lab File: VY002656.D
Acq: 11 May 2020 12:22

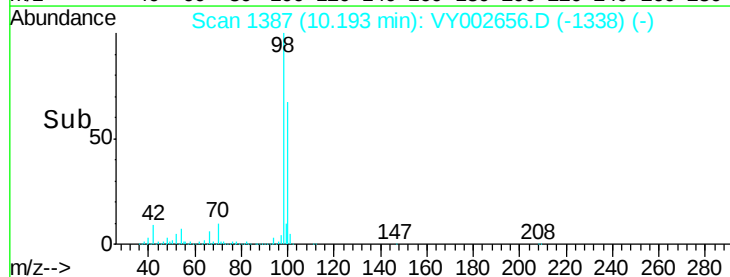
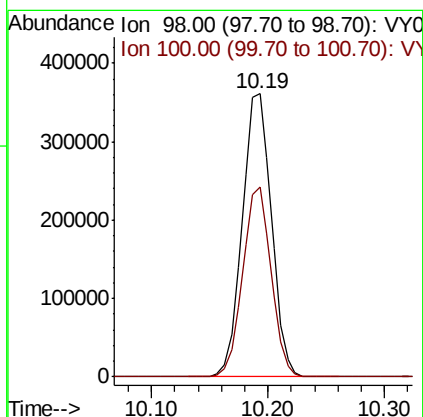
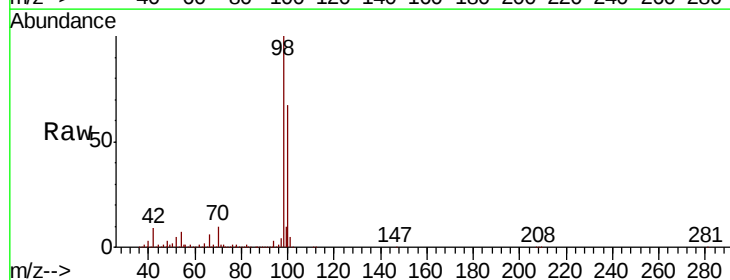
Instrument :
MSVOA_Y
ClientSampleId :

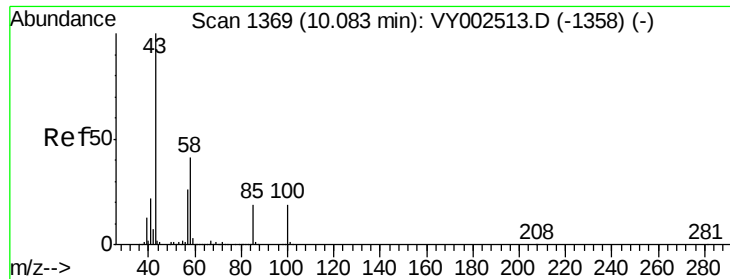
Tot Ion:117 Resp: 30972
Ion Ratio Lower Upper
117 100
119 4.0 77.1 115.7#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 51.760 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VY002656.D
Acq: 11 May 2020 12:22

Tgt Ion: 98 Resp: 633332
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.2

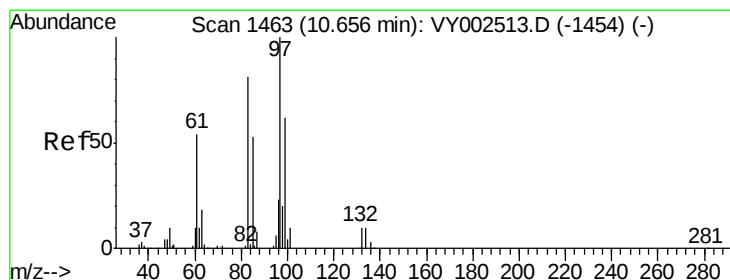
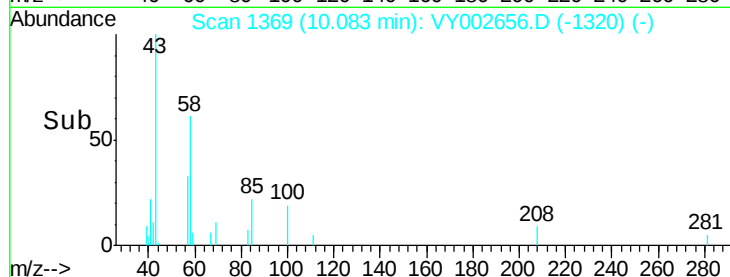
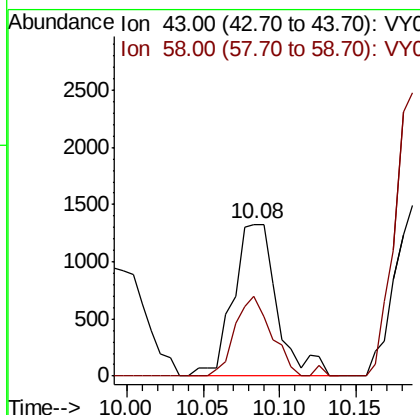
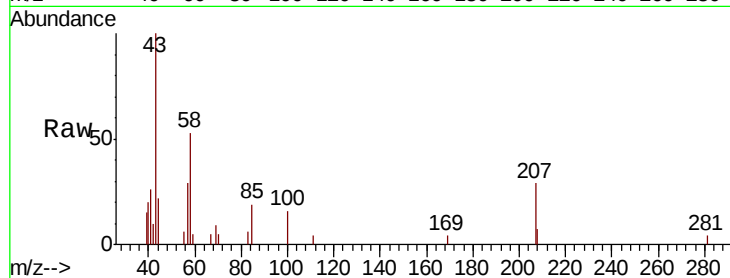




#51
 4-Methyl-2-Pentanone
 Concen: 1.154 ug/l
 RT: 10.08 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: VY002656.D
 Acq: 11 May 2020 12:22

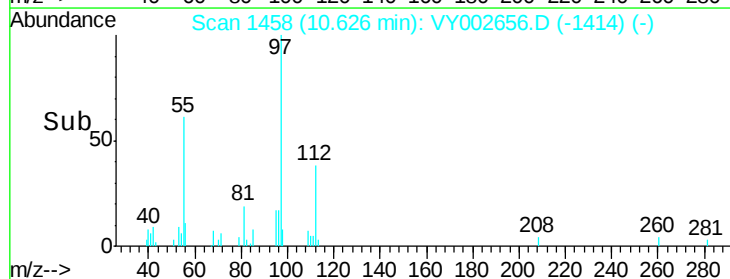
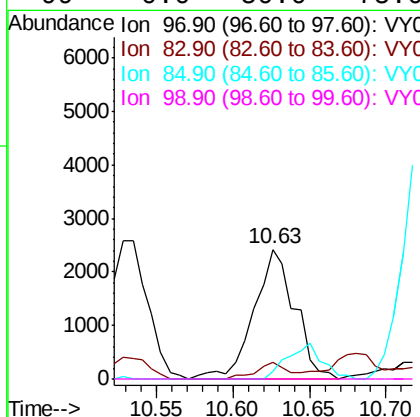
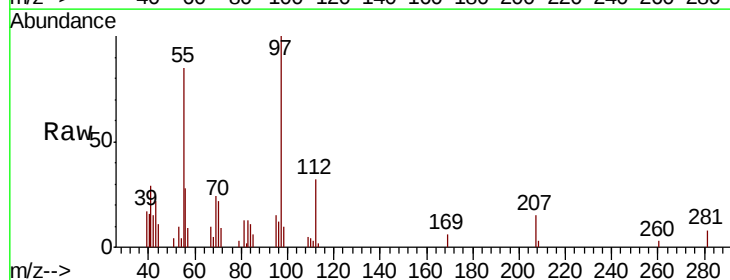
Instrument :
 MSVOA_Y
 ClientSampled :

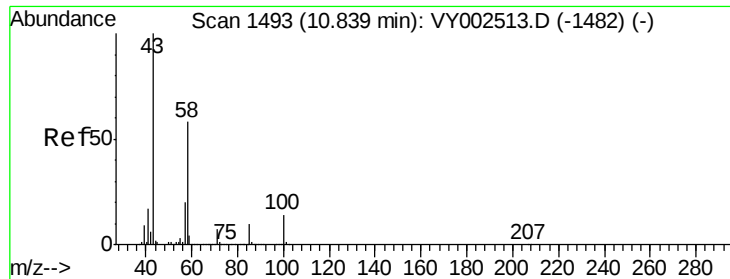
Tot Ion: 43 Resp: 2632
 Ion Ratio Lower Upper
 43 100
 58 43.8 33.2 49.8



#55
 1,1,2-Trichloroethane
 Concen: 1.682 ug/l
 RT: 10.63 min Scan# 1458
 Delta R.T. -0.03 min
 Lab File: VY002656.D
 Acq: 11 May 2020 12:22

Tgt Ion: 97 Resp: 4517
 Ion Ratio Lower Upper
 97 100
 83 12.8 65.1 97.7#
 85 5.7 42.7 64.1#
 99 0.0 50.0 75.0#

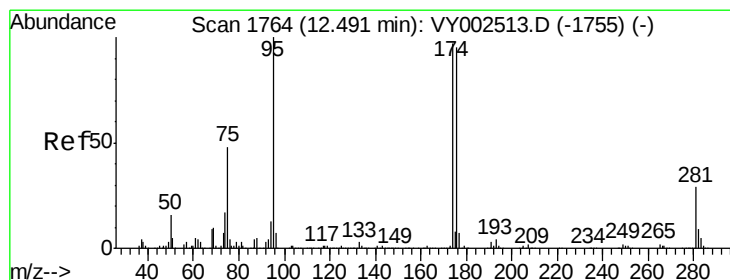
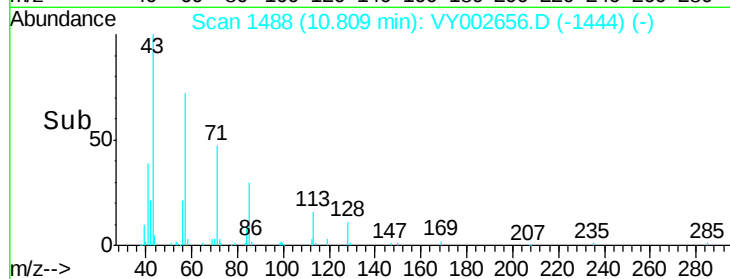
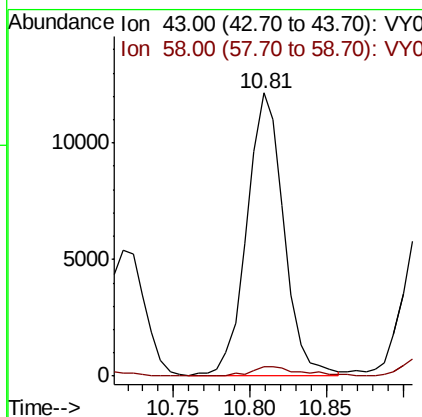
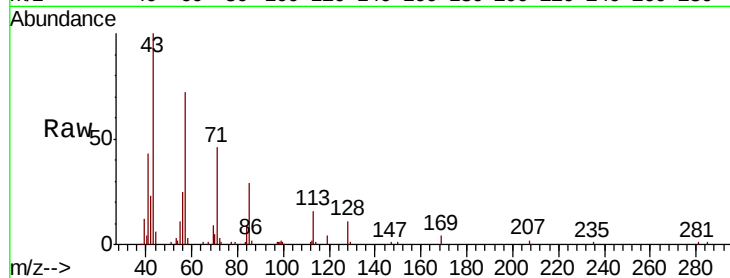




#59
2-Hexanone
Concen: 13.042 ug/l
RT: 10.81 min Scan# 1488
Delta R.T. -0.03 min
Lab File: VY002656.D
Acq: 11 May 2020 12:22

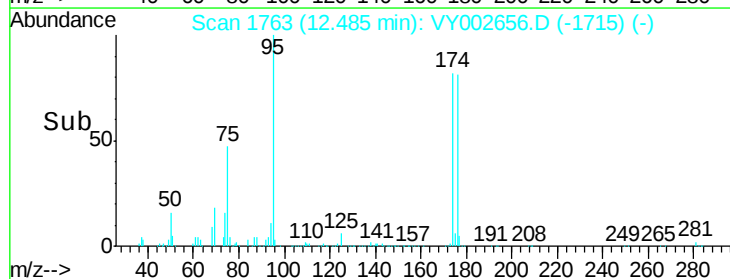
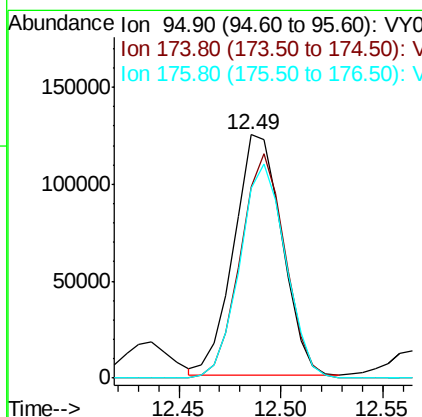
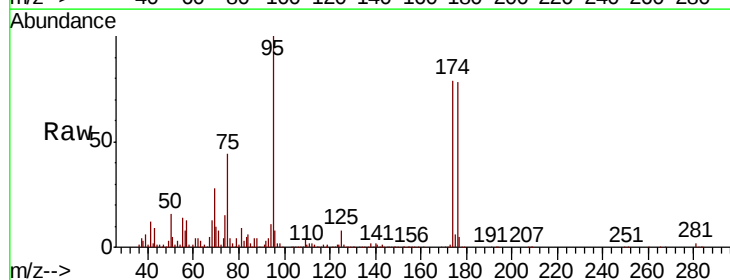
Instrument :
MSVOA_Y
ClientSampled :

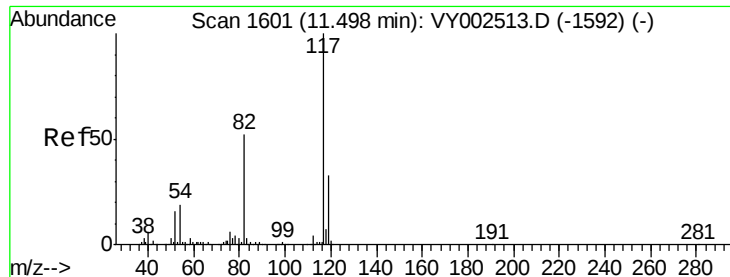
Tot Ion: 43 Resp: 20471
Ion Ratio Lower Upper
43 100
58 4.5 29.1 87.3#



#62
4-Bromofluorobenzene
Concen: 48.845 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY002656.D
Acq: 11 May 2020 12:22

Tgt Ion: 95 Resp: 202803
Ion Ratio Lower Upper
95 100
174 87.3 0.0 188.8
176 85.1 0.0 183.2

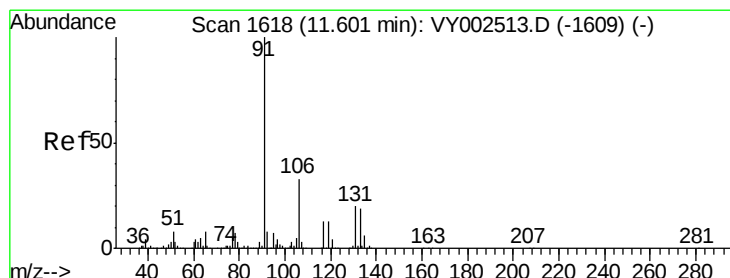
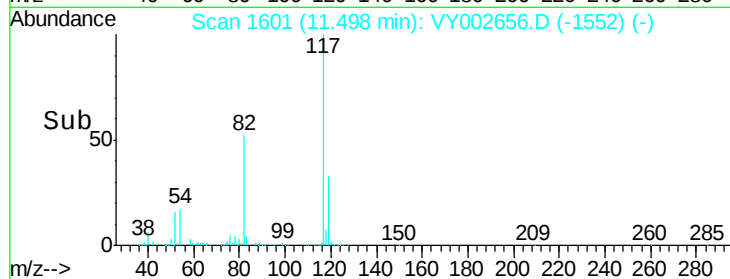
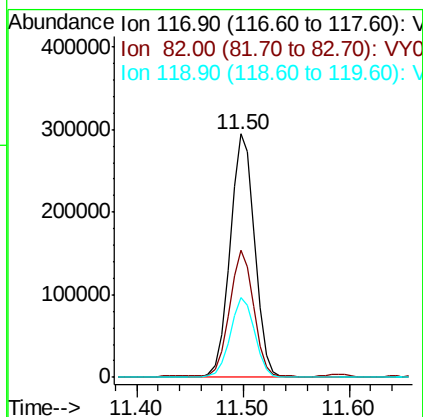
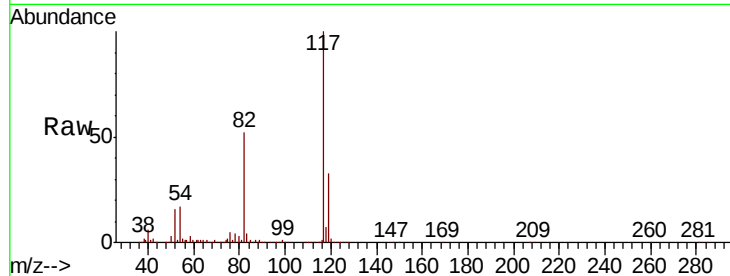




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002656.D
Acq: 11 May 2020 12:22

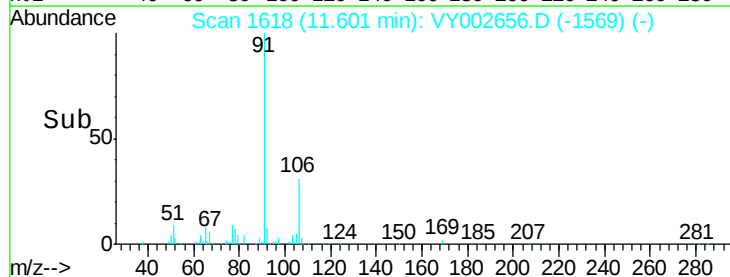
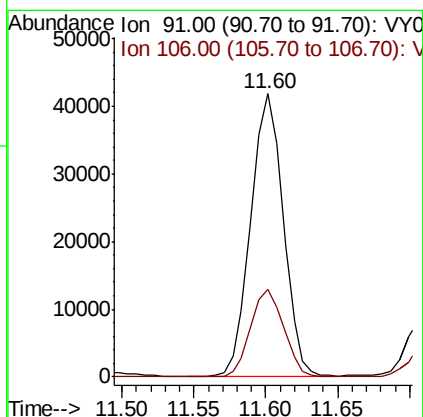
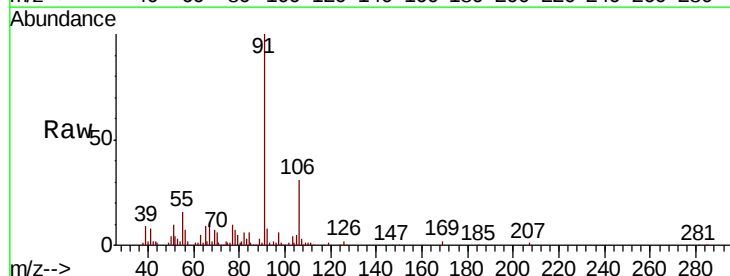
Instrument :
MSVOA_Y
ClientSampleId :

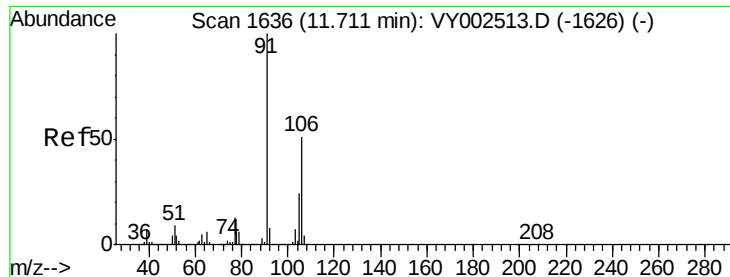
Tot Ion:117 Resp: 474643
Ion Ratio Lower Upper
117 100
82 51.3 41.3 61.9
119 32.8 26.0 39.0



#67
Ethyl Benzene
Concen: 4.106 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY002656.D
Acq: 11 May 2020 12:22

Tgt Ion: 91 Resp: 65077
Ion Ratio Lower Upper
91 100
106 31.1 26.1 39.1





#68

m/p-Xvlenes

Concen: 1.682 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VY002656.D

Acq: 11 May 2020 12:22

Instrument :

MSVOA_Y

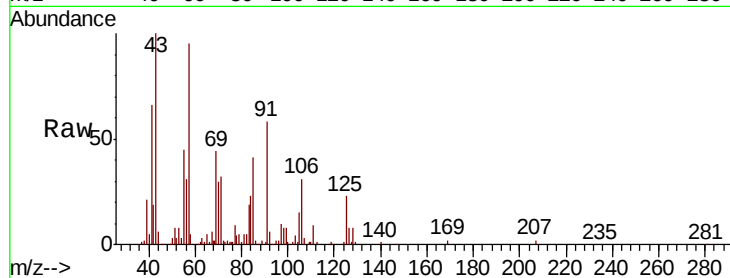
ClientSampled :

Tot Ion:106 Resp: 10313

Ion Ratio Lower Upper

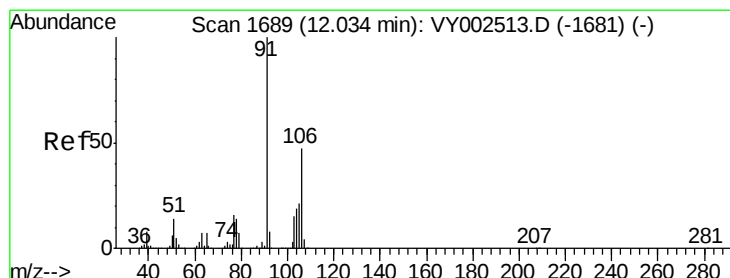
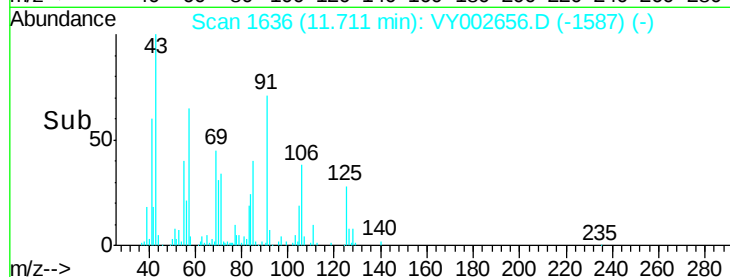
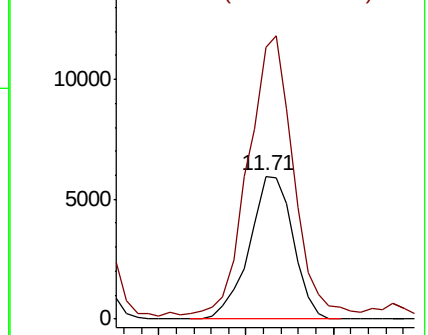
106 100

91 204.0 155.2 232.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0



#69

o-Xylene

Concen: 6.814 ug/l

RT: 12.03 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VY002656.D

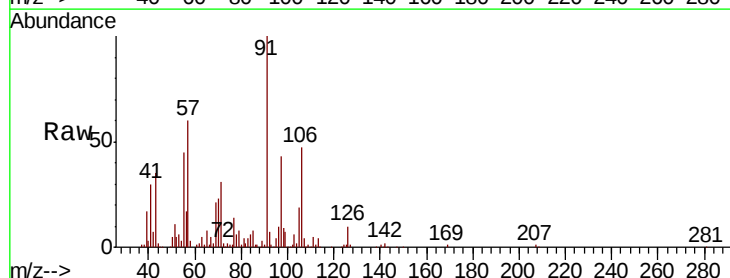
Acq: 11 May 2020 12:22

Tgt Ion:106 Resp: 39124

Ion Ratio Lower Upper

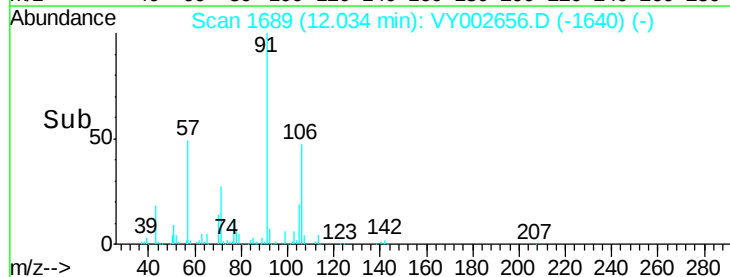
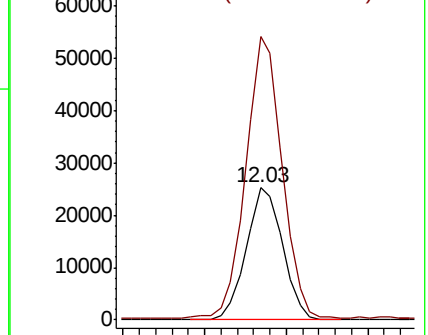
106 100

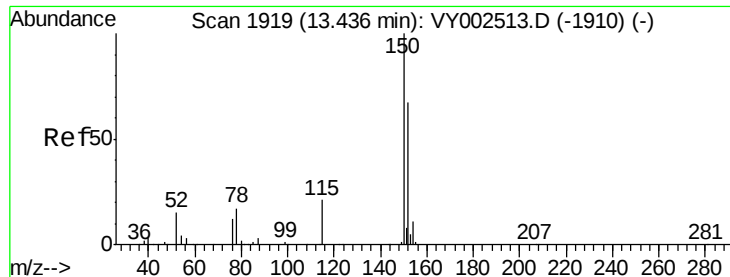
91 213.6 103.8 311.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0



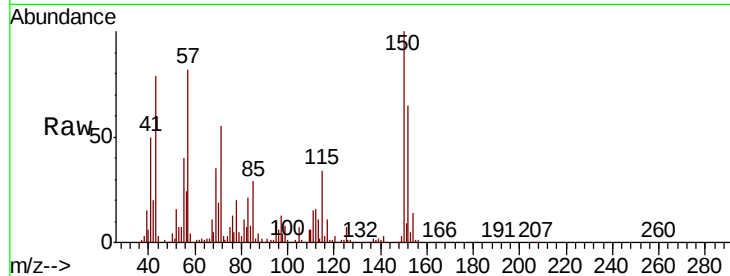


#72

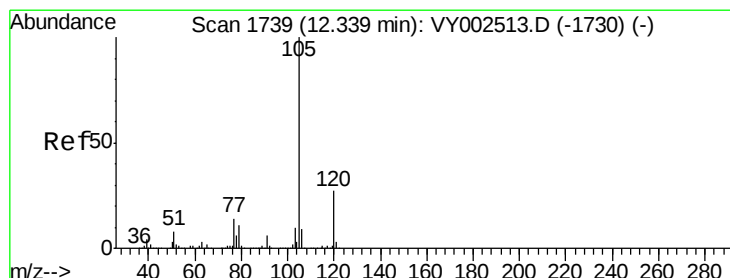
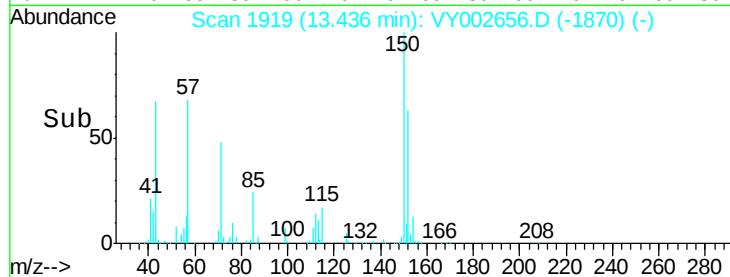
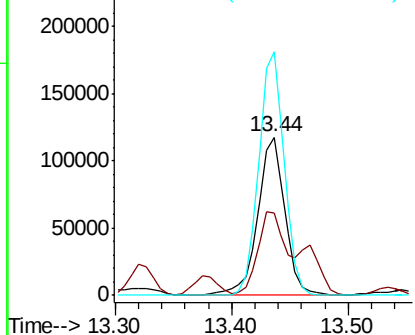
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY002656.D
Acq: 11 May 2020 12:22

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.8	27.5	82.4
150	144.8	0.0	346.4



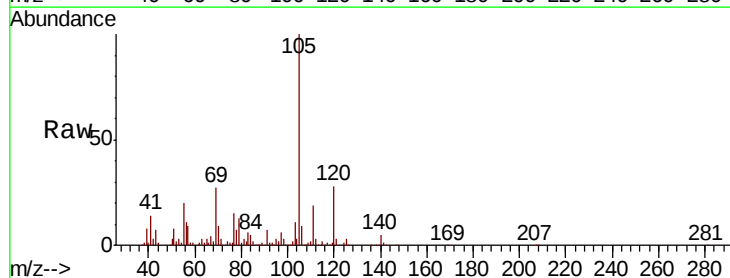
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



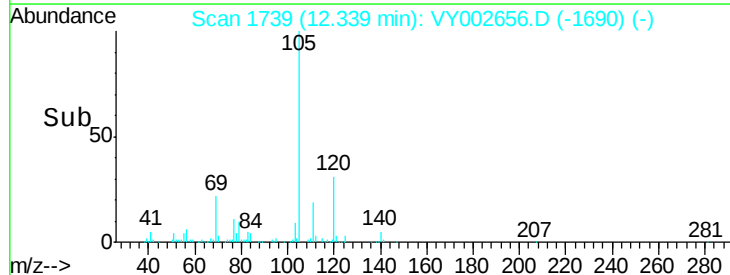
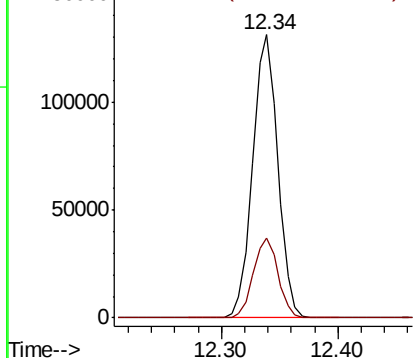
#73

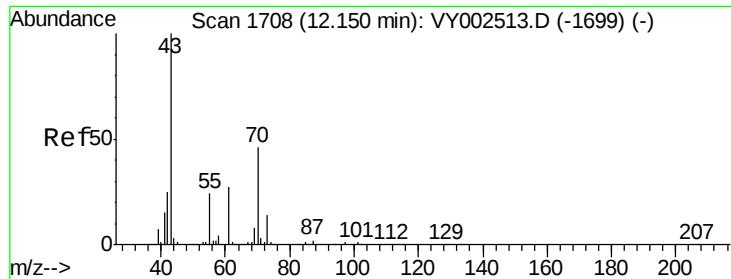
Isopropylbenzene
Concen: 16.078 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VY002656.D
Acq: 11 May 2020 12:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.8	13.8	41.3



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





#74

N-amvl acetate

Concen: 56.085 ug/l

RT: 12.13 min Scan# 1705

Delta R.T. -0.02 min

Lab File: VY002656.D

Acq: 11 May 2020 12:22

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 43 Resp: 166216

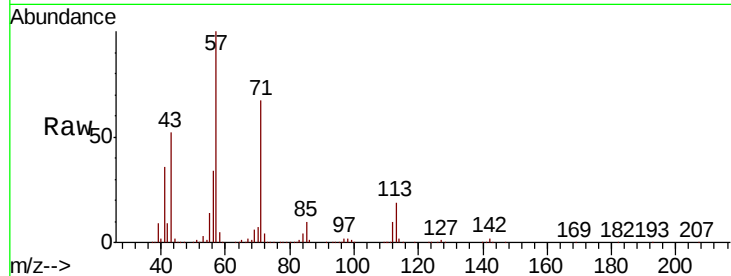
Ion Ratio Lower Upper

43 100

70 11.2 36.7 55.1#

55 11.4 19.2 28.8#

61 0.0 21.1 31.7#

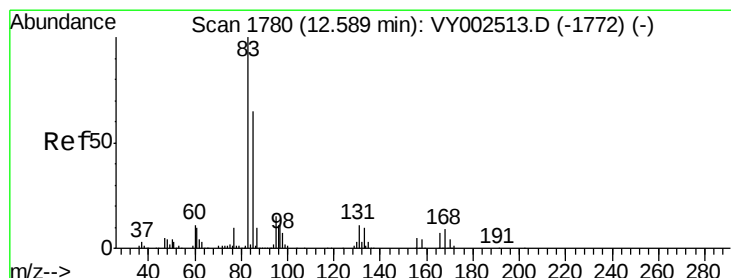
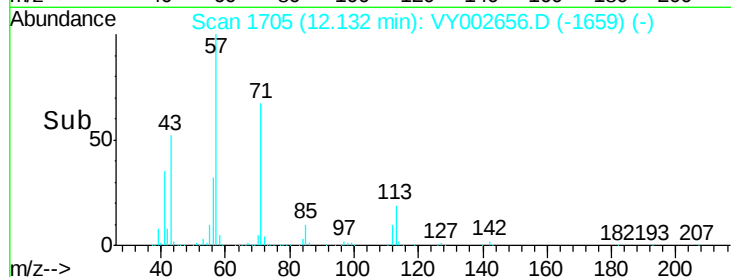
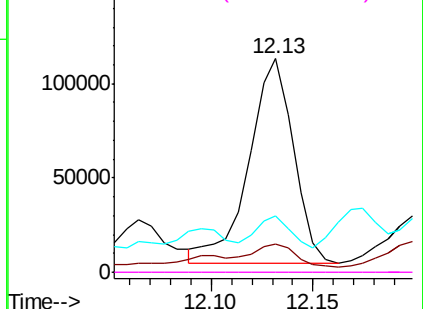


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0



#75

1,1,2,2-Tetrachloroethane

Concen: 5.533 ug/l

RT: 12.53 min Scan# 1771

Delta R.T. -0.05 min

Lab File: VY002656.D

Acq: 11 May 2020 12:22

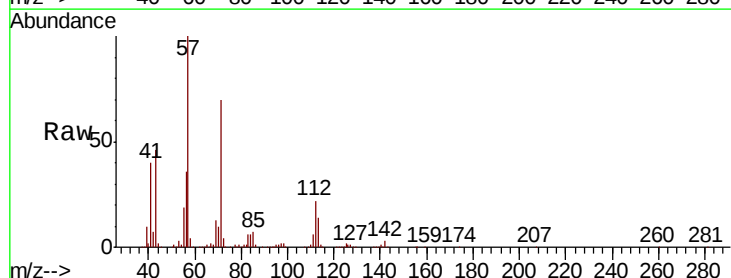
Tgt Ion: 83 Resp: 10841

Ion Ratio Lower Upper

83 100

131 0.0 5.9 17.8#

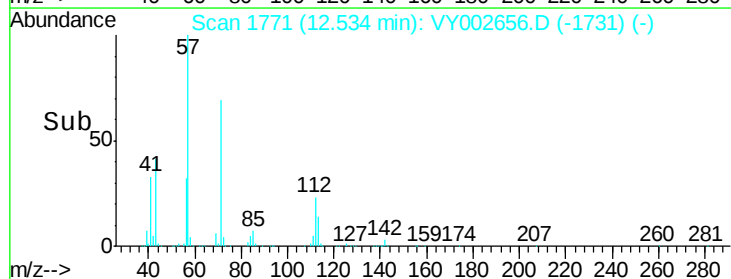
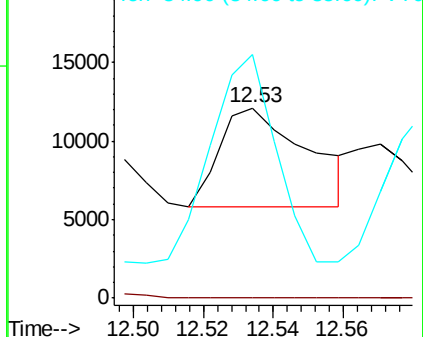
85 157.4 31.9 95.9#

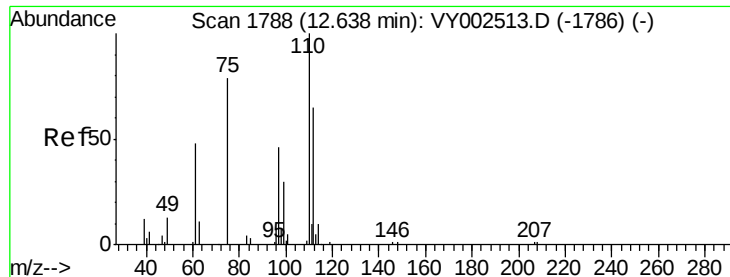


Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VY0

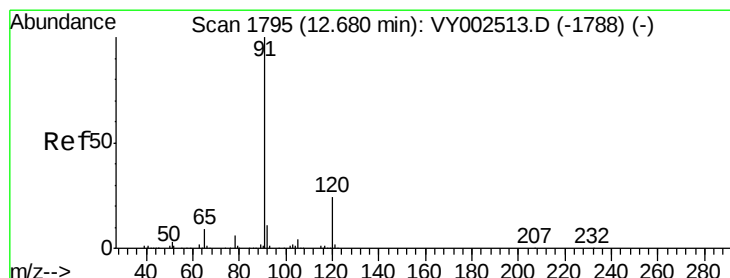
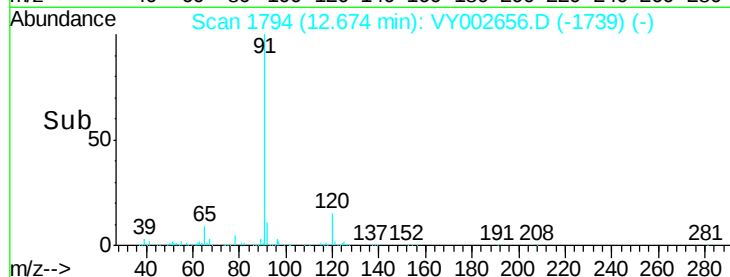
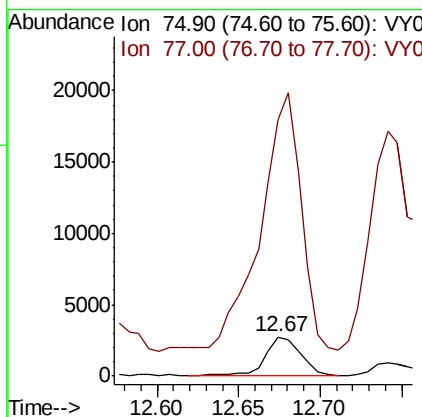
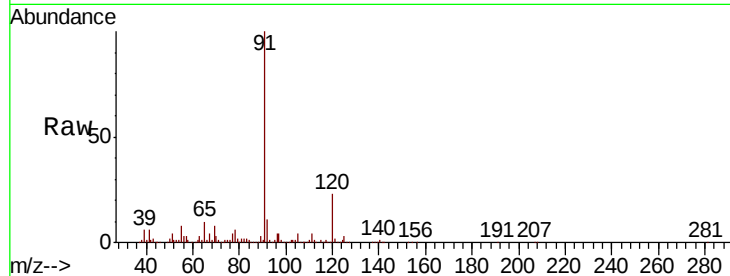




#76
 1,2,3-Trichloropropane
 Concen: 2.358 ug/l
 RT: 12.67 min Scan# 1794
 Delta R.T. 0.04 min
 Lab File: VY002656.D
 Acq: 11 May 2020 12:22

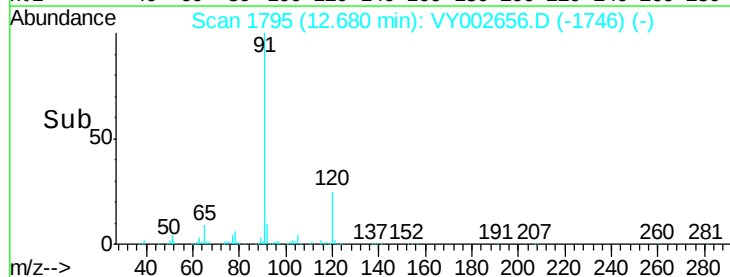
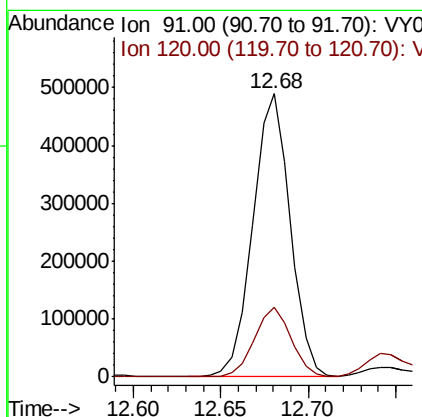
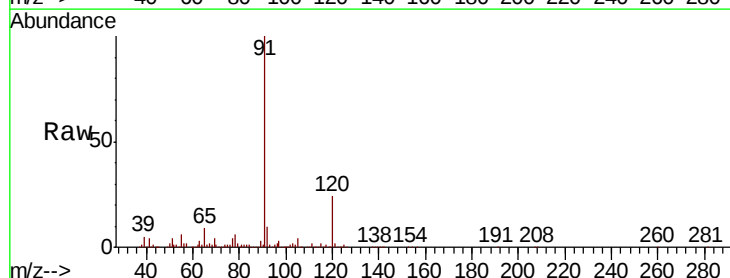
Instrument :
 MSVOA_Y
 ClientSampleId :

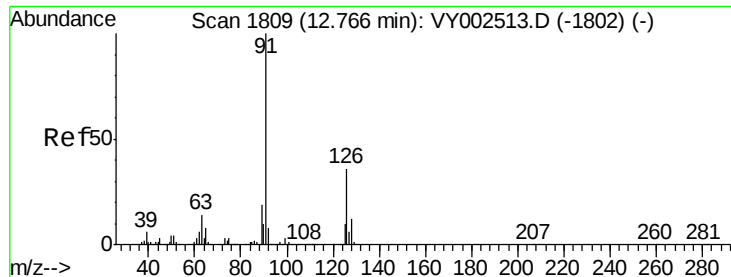
Tot Ion: 75 Resp: 3984
 Ion Ratio Lower Upper
 75 100
 77 808.0 0.0 0.0#



#78
 n-propylbenzene
 Concen: 50.765 ug/l
 RT: 12.68 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VY002656.D
 Acq: 11 May 2020 12:22

Tgt Ion: 91 Resp: 725794
 Ion Ratio Lower Upper
 91 100
 120 24.2 12.2 36.4





#79

2-Chlorotoluene

Concen: 2.784 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.05 min

Lab File: VY002656.D

Acq: 11 May 2020 12:22

Instrument :

MSVOA_Y

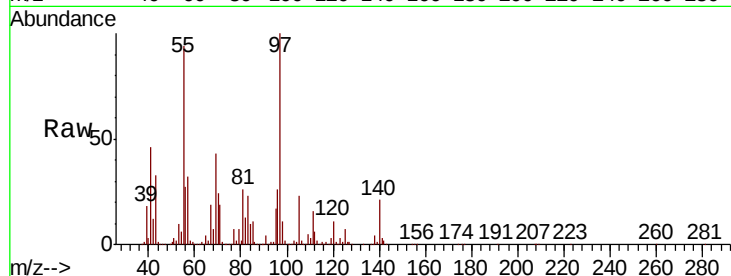
ClientSampled :

Tot Ion: 91 Resp: 22050

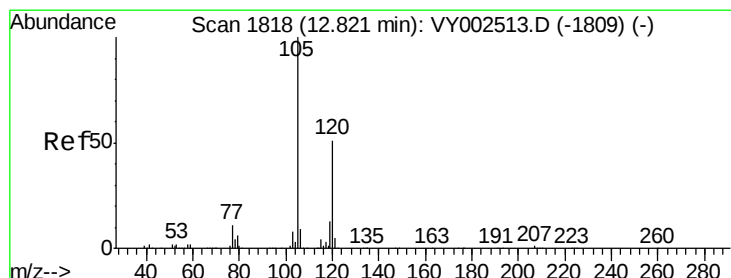
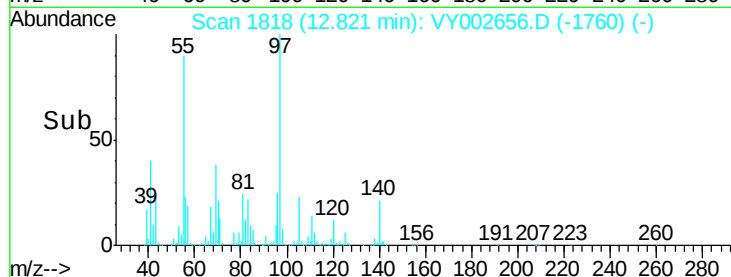
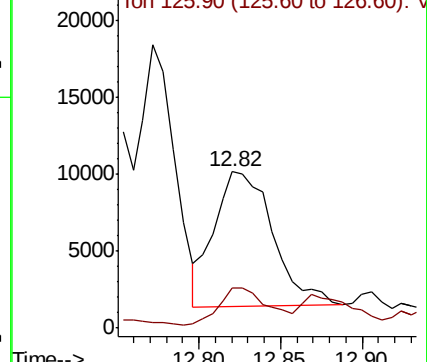
Ion Ratio Lower Upper

91 100

126 23.5 18.4 55.2



Abundance Ion 91.00 (90.70 to 91.70): VY002513.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 7.333 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY002656.D

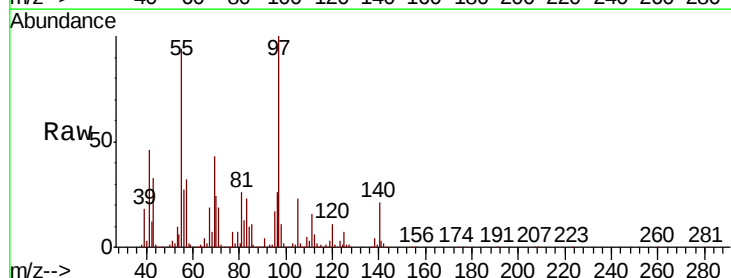
Acq: 11 May 2020 12:22

Tgt Ion: 105 Resp: 74885

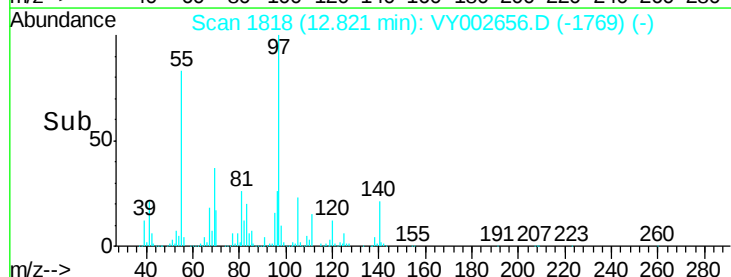
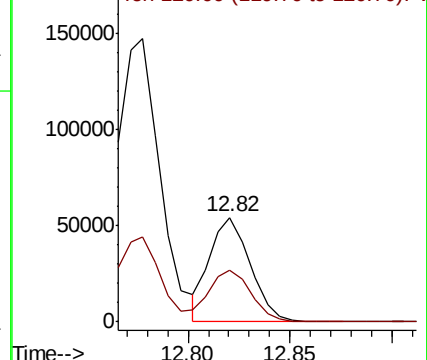
Ion Ratio Lower Upper

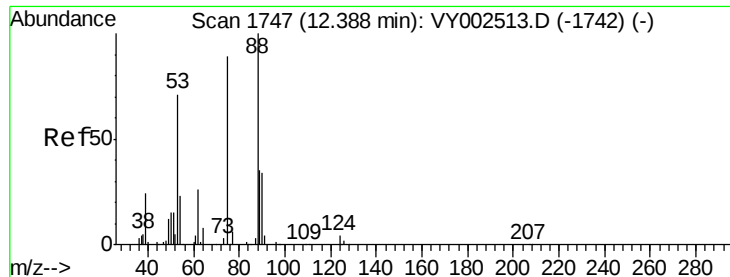
105 100

120 53.8 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VY002513.D (-1809) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 106.660 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002656.D

Acq: 11 May 2020 12:22

Instrument :

MSVOA_Y

ClientSampleId :

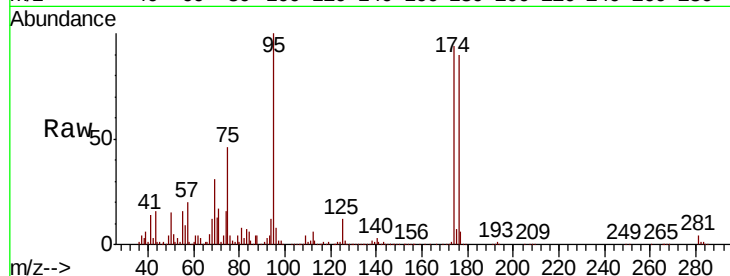
Tot Ion: 75 Resp: 89858

Ion Ratio Lower Upper

75 100

53 2.0 67.4 101.0#

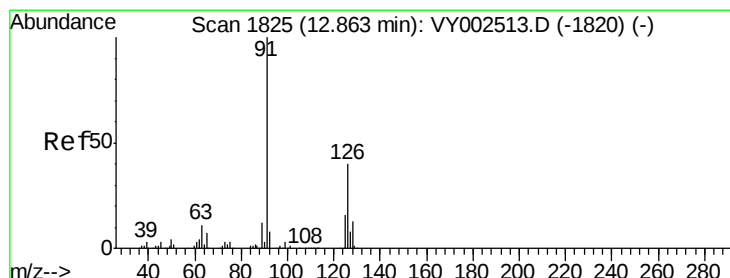
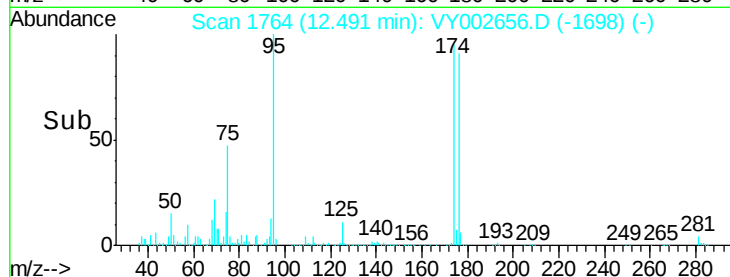
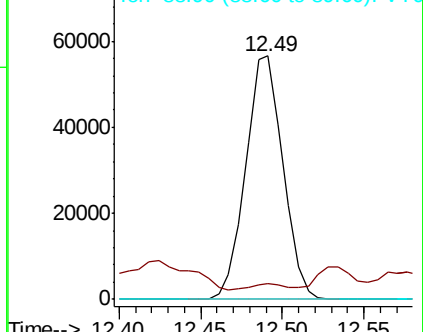
89 0.0 37.4 56.0#



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: 2.649 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.04 min

Lab File: VY002656.D

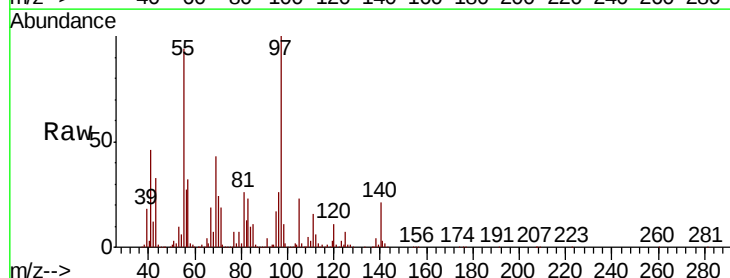
Acq: 11 May 2020 12:22

Tgt Ion: 91 Resp: 22039

Ion Ratio Lower Upper

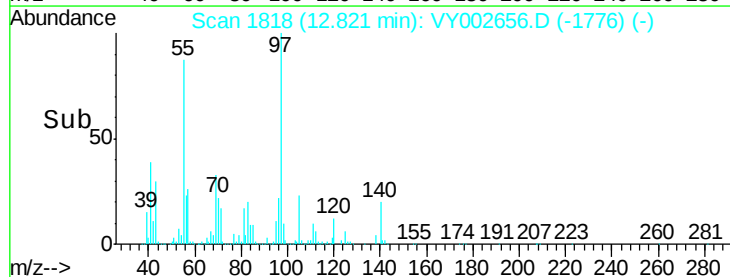
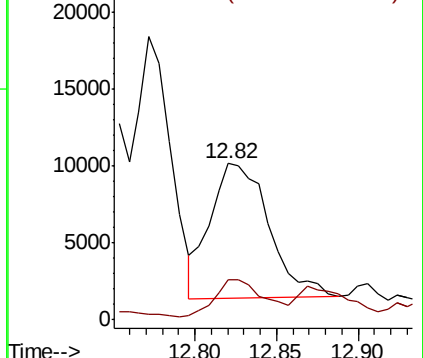
91 100

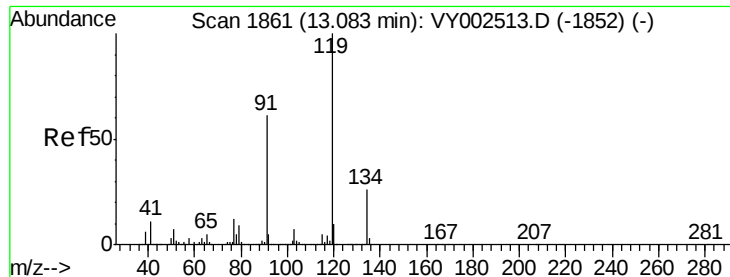
126 23.5 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

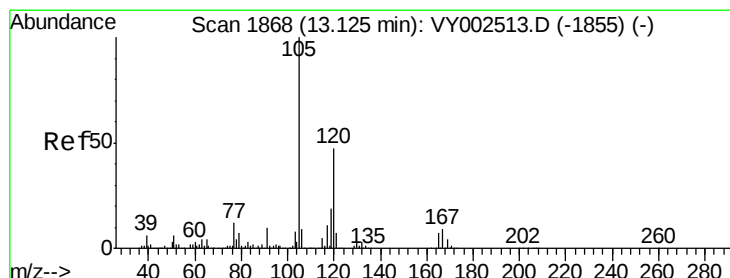
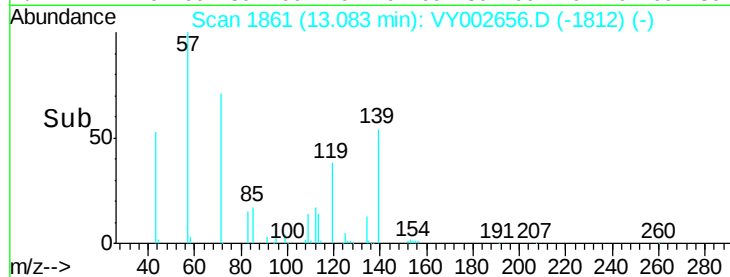
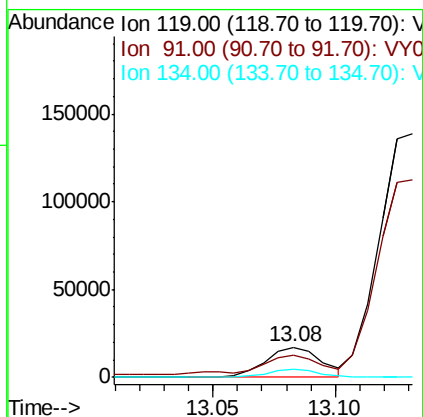
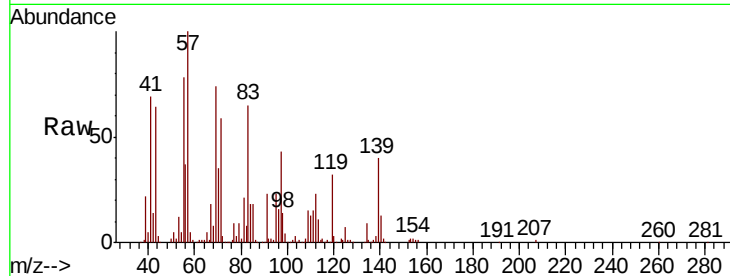




#83
 tert-Butylbenzene
 Concen: 3.039 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VY002656.D
 Acq: 11 May 2020 12:22

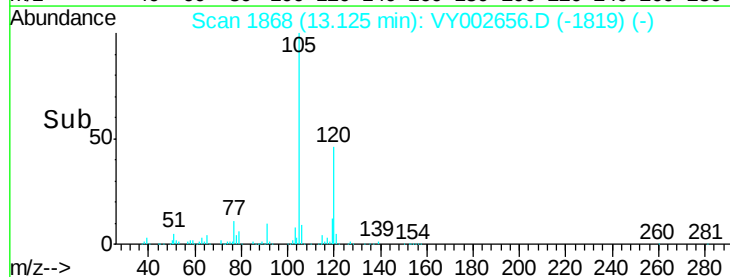
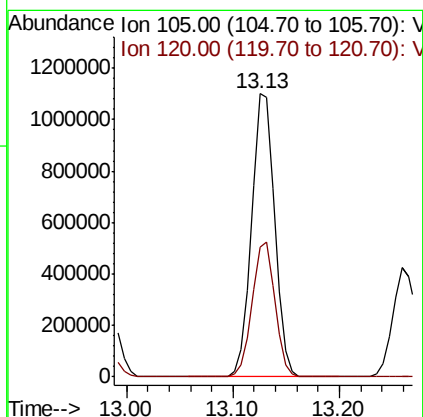
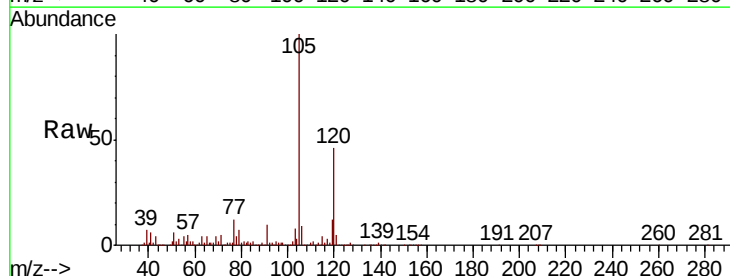
Instrument :
 MSVOA_Y
 ClientSampled :

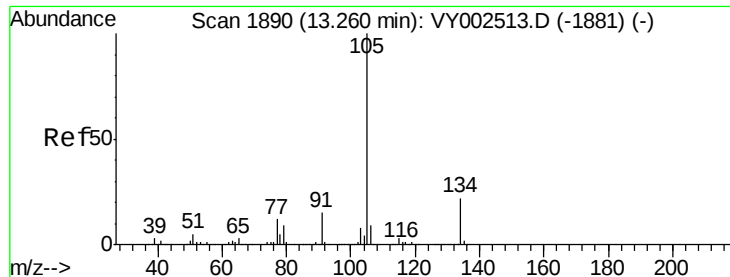
Tot Ion:119 Resp: 27213
 Ion Ratio Lower Upper
 119 100
 91 70.2 30.6 91.6
 134 25.9 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 165.020 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VY002656.D
 Acq: 11 May 2020 12:22

Tgt Ion:105 Resp: 1679533
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.4 70.3





#85

sec-Butylbenzene

Concen: 51.233 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY002656.D

Acq: 11 May 2020 12:22

Instrument :

MSVOA_Y

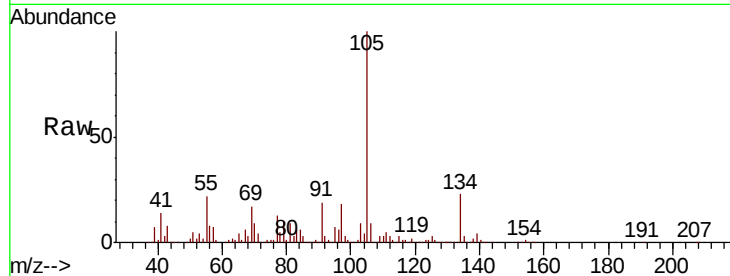
ClientSampled :

Tot Ion:105 Resp: 636592

Ion Ratio Lower Upper

105 100

134 27.4 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.26

400000

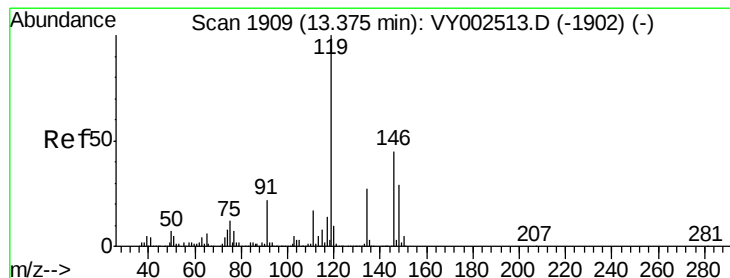
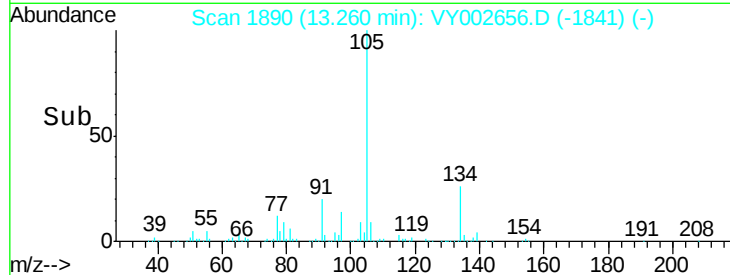
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 24.368 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002656.D

Acq: 11 May 2020 12:22

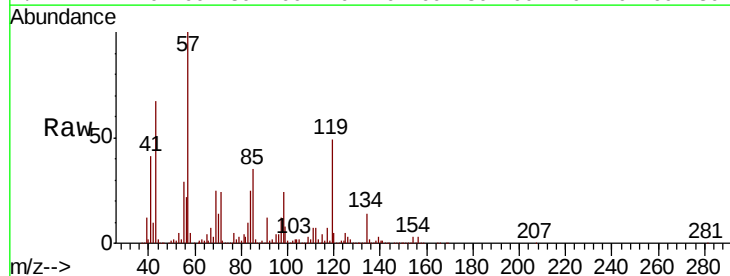
Tgt Ion:119 Resp: 283707

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.5

91 22.6 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

400000

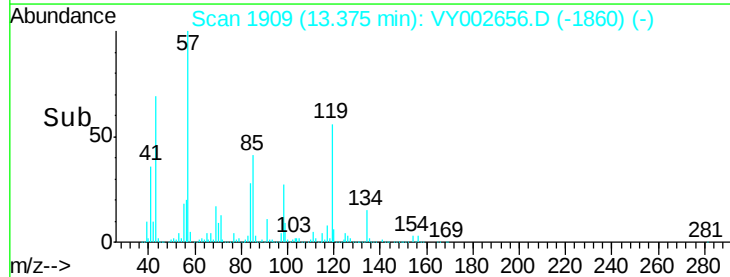
300000

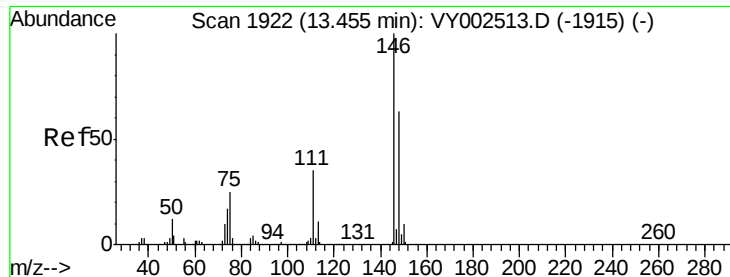
200000

100000

0

Time-->





#88

1,4-Dichlorobenzene

Concen: 1.064 ug/l

RT: 13.45 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VY002656.D

Acq: 11 May 2020 12:22

Instrument :

MSVOA_Y

ClientSampleId :

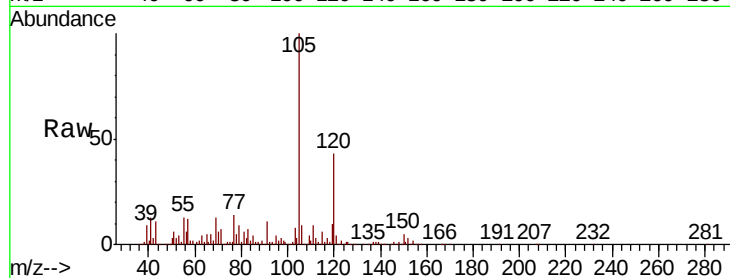
Tot Ion:146 Resp: 6138

Ion Ratio Lower Upper

146 100

111 1191.0 18.1 54.1#

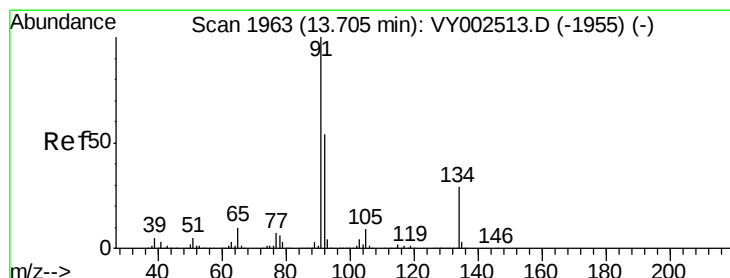
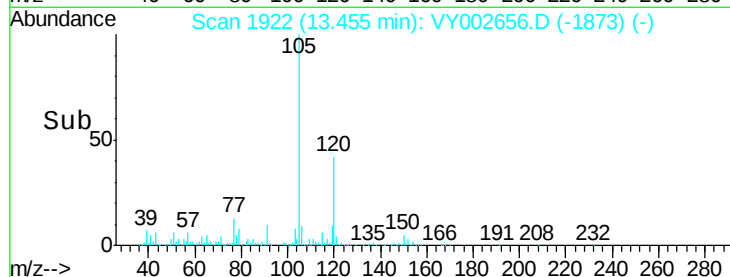
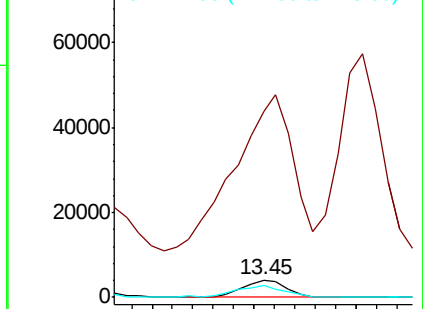
148 78.2 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 69.183 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VY002656.D

Acq: 11 May 2020 12:22

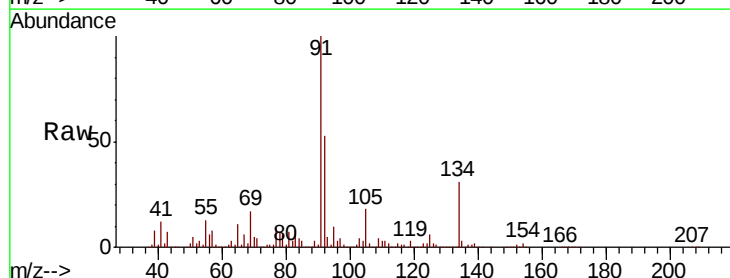
Tgt Ion: 91 Resp: 733252

Ion Ratio Lower Upper

91 100

92 47.4 27.1 81.3

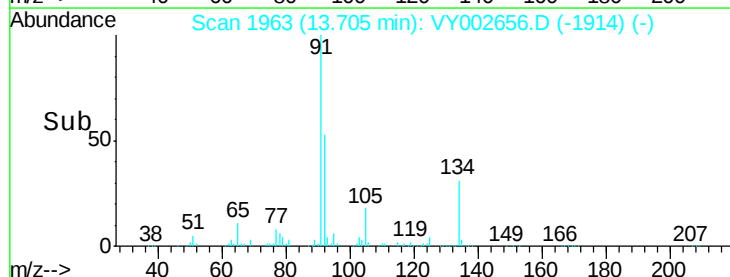
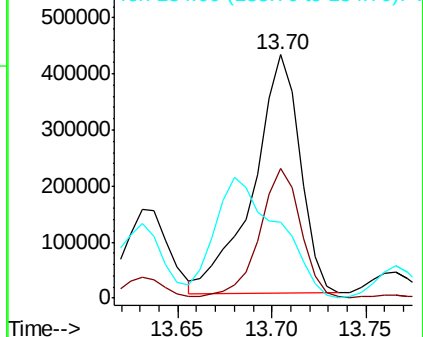
134 0.0 14.4 43.0#

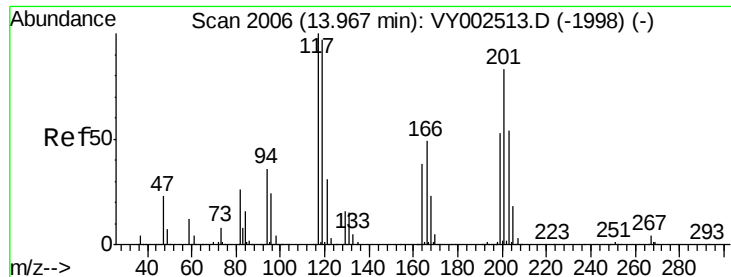


Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 92.00 (91.70 to 92.70): VY0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 61.298 ug/l

RT: 13.98 min Scan# 2008

Delta R.T. 0.01 min

Lab File: VY002656.D

Acq: 11 May 2020 12:22

Instrument :

MSVOA_Y

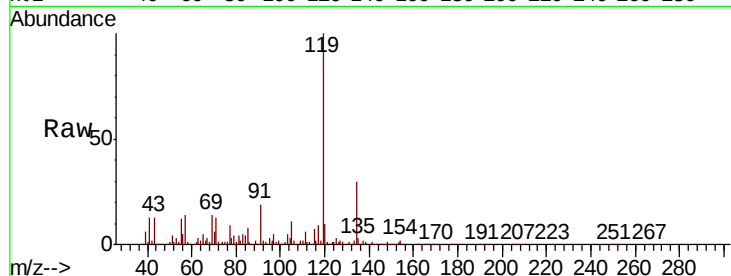
ClientSampleId :

Tot Ion:117 Resp: 129964

Ion Ratio Lower Upper

117 100

201 0.0 44.4 133.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

300000

200000

100000

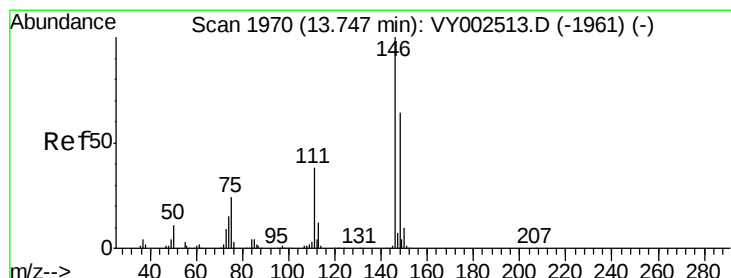
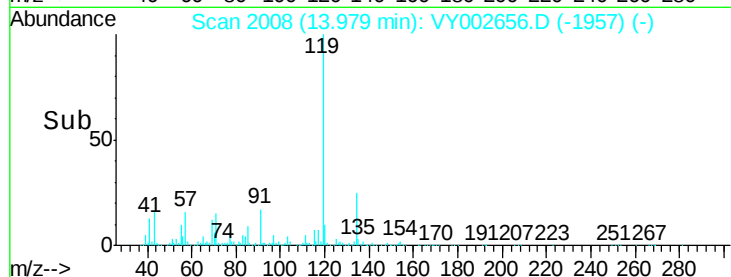
0

13.95

13.98

14.00

Time-->



#91

1,2-Dichlorobenzene

Concen: 2.238 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VY002656.D

Acq: 11 May 2020 12:22

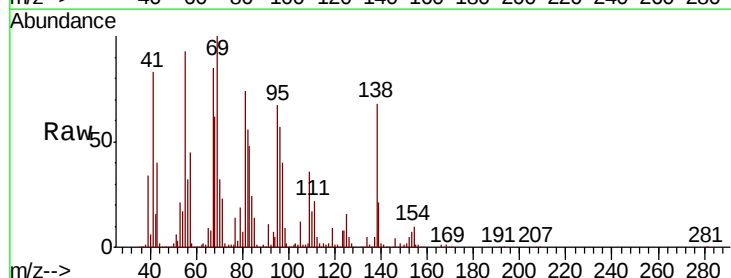
Tgt Ion:146 Resp: 11635

Ion Ratio Lower Upper

146 100

111 0.0 19.1 57.5#

148 64.2 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

60000

50000

40000

30000

20000

10000

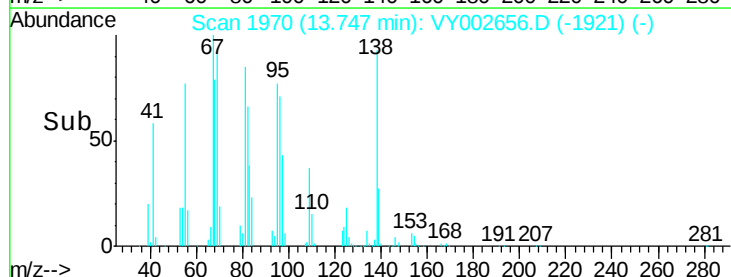
0

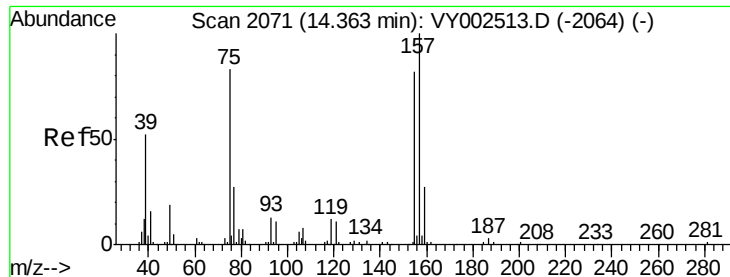
13.70

13.75

13.80

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 21.783 ug/l

RT: 14.34 min Scan# 2068

Delta R.T. -0.02 min

Lab File: VY002656.D

Acq: 11 May 2020 12:22

Instrument :

MSVOA_Y

ClientSampled :

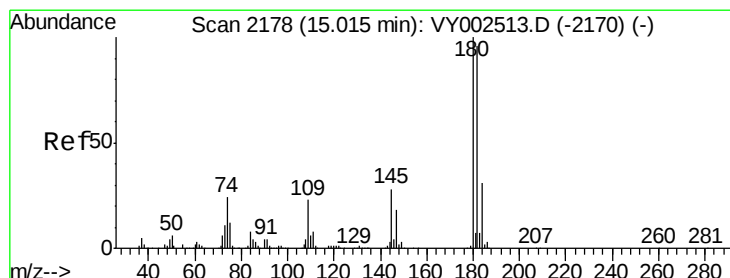
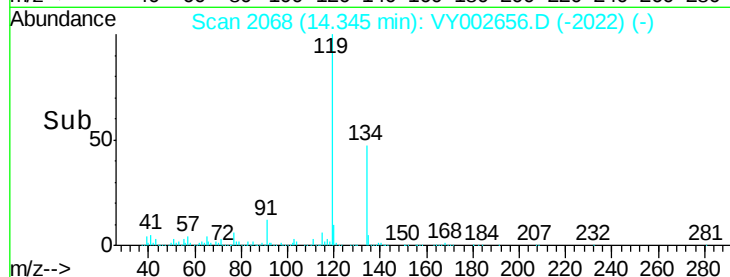
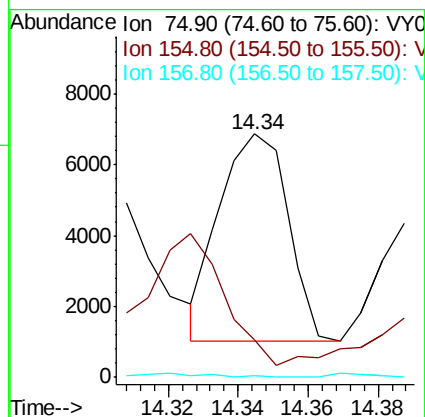
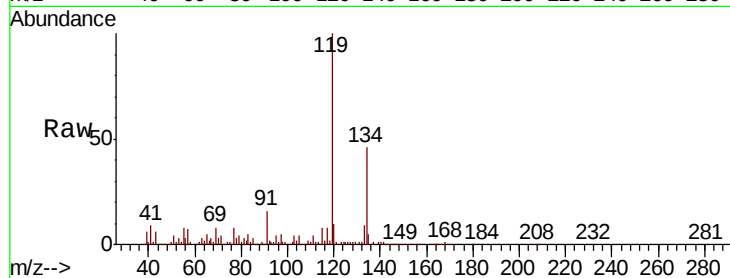
Tot Ion: 75 Resp: 7956

Ion Ratio Lower Upper

75 100

155 0.0 51.3 153.9#

157 0.0 65.0 195.0#



#93

1,2,4-Trichlorobenzene

Concen: 3.006 ug/l

RT: 15.05 min Scan# 2184

Delta R.T. 0.04 min

Lab File: VY002656.D

Acq: 11 May 2020 12:22

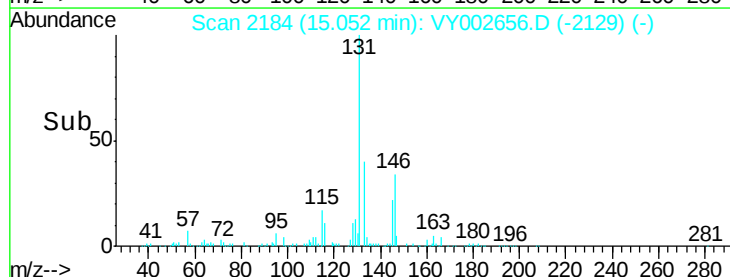
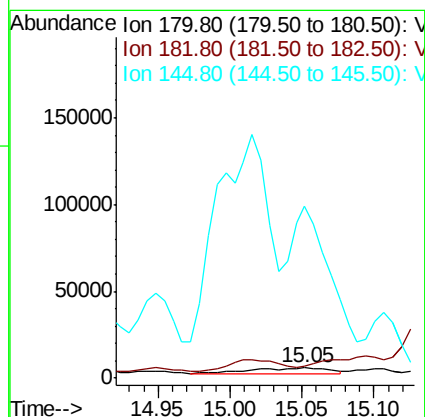
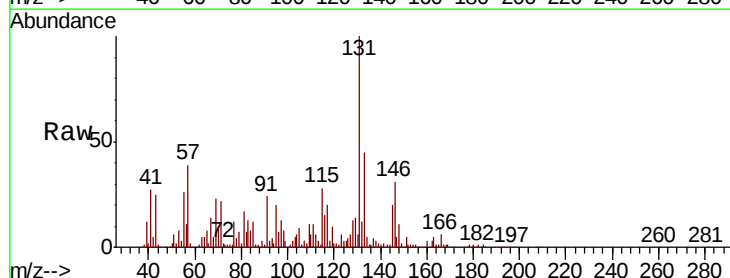
Tgt Ion: 180 Resp: 11343

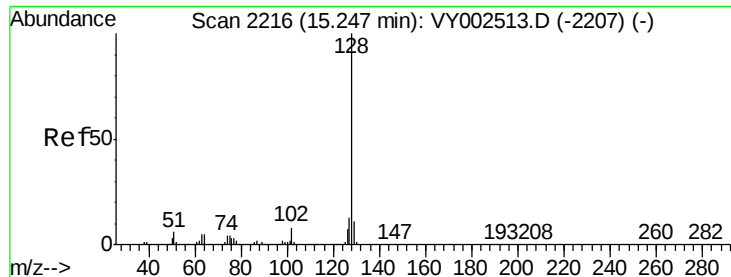
Ion Ratio Lower Upper

180 100

182 0.0 47.9 143.6#

145 1586.7 14.4 43.0#

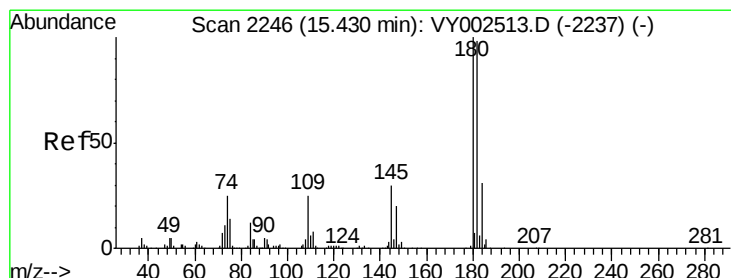
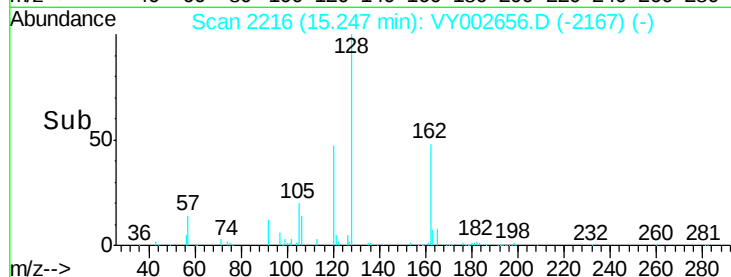
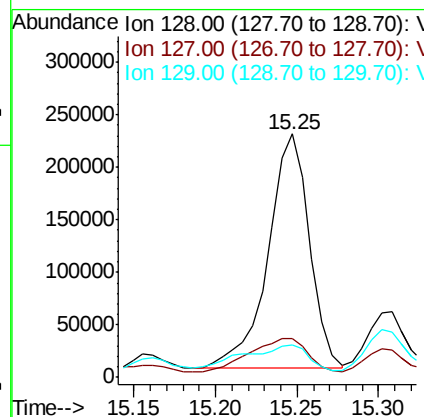
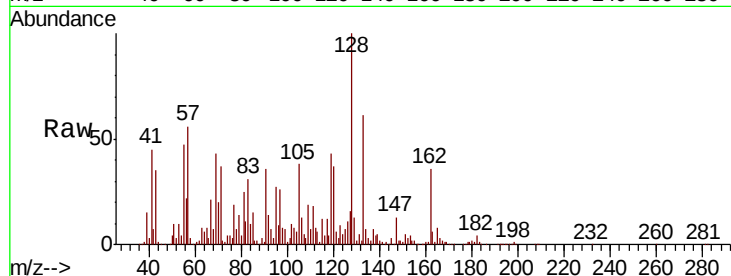




#95
Naphthalene
Concen: 57.026 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY002656.D
Acq: 11 May 2020 12:22

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 392608
Ion Ratio Lower Upper
128 100
127 20.0 10.5 15.7#
129 17.3 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 4.629 ug/l
RT: 15.45 min Scan# 2250
Delta R.T. 0.02 min
Lab File: VY002656.D
Acq: 11 May 2020 12:22

Tgt Ion:180 Resp: 14832
Ion Ratio Lower Upper
180 100
182 0.0 47.9 143.8#
145 2240.5 15.0 45.1#

