

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002550.D
 Acq On : 04 May 2020 18:39
 Operator : SY/MD
 Sample : L2456-02
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 201-206

Quant Time: May 05 07:10:13 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	293118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	486604	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	439446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	208877	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	147863	60.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.00%	
35) Dibromofluoromethane	7.74	113	146373	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
50) Toluene-d8	10.19	98	568224	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	
62) 4-Bromofluorobenzene	12.49	95	184160	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	525	1.994	ug/l	96
11) Tert butyl alcohol	4.98	59	12794	50.457	ug/l #	86
16) Acetone	3.97	43	4523	8.892	ug/l	89
20) Methylene Chloride	4.74	84	14931	5.249	ug/l	91
25) 2-Butanone	7.00	43	1663	1.997	ug/l #	76
29) Tetrahydrofuran	7.38	42	919	1.668	ug/l #	77
31) Cyclohexane	7.80	56	6749	1.524	ug/l #	4
36) 1,1-Dichloropropene	7.80	75	18870	4.626	ug/l #	48
38) Carbon Tetrachloride	7.80	117	26715	5.999	ug/l #	15
39) Methylcyclohexane	9.19	83	7262	1.348	ug/l	96
43) Isopropyl Acetate	8.25	43	8412	2.141	ug/l #	50
49) 1,4-Dioxane	9.31	88	38	1.754	ug/l #	1
52) Toluene	10.25	92	133304	17.605	ug/l	99
55) 1,1,2-Trichloroethane	10.63	97	3381	1.417	ug/l #	29
67) Ethyl Benzene	11.60	91	332971	22.691	ug/l	100
68) m/p-Xylenes	11.70	106	354119	62.369	ug/l	100
69) o-Xylene	12.03	106	263573	49.579	ug/l	100
70) Styrene	12.03	104	15134	1.665	ug/l #	1
73) Isopropylbenzene	12.33	105	28427	2.100	ug/l	100
76) 1,2,3-Trichloropropane	12.74	75	3269	1.761	ug/l #	100
78) n-propylbenzene	12.67	91	189596	12.069	ug/l	99
79) 2-Chlorotoluene	12.77	91	33571	3.858	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.81	105	204078	18.187	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.49	75	89733	96.935	ug/l #	15
82) 4-Chlorotoluene	12.81	91	21852	2.391	ug/l #	38
83) tert-Butylbenzene	13.13	119	78292	7.957	ug/l #	66
84) 1,2,4-Trimethylbenzene	13.13	105	618036	55.264	ug/l	99
85) sec-Butylbenzene	13.13	105	618036	45.267	ug/l #	54
86) p-Isopropyltoluene	13.37	119	17474	1.366	ug/l	99
89) n-Butylbenzene	13.70	91	61624	5.292	ug/l #	68
90) Hexachloroethane	13.98	117	13971	5.997	ug/l #	5
95) Naphthalene	15.24	128	115196	15.228	ug/l	99

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Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration

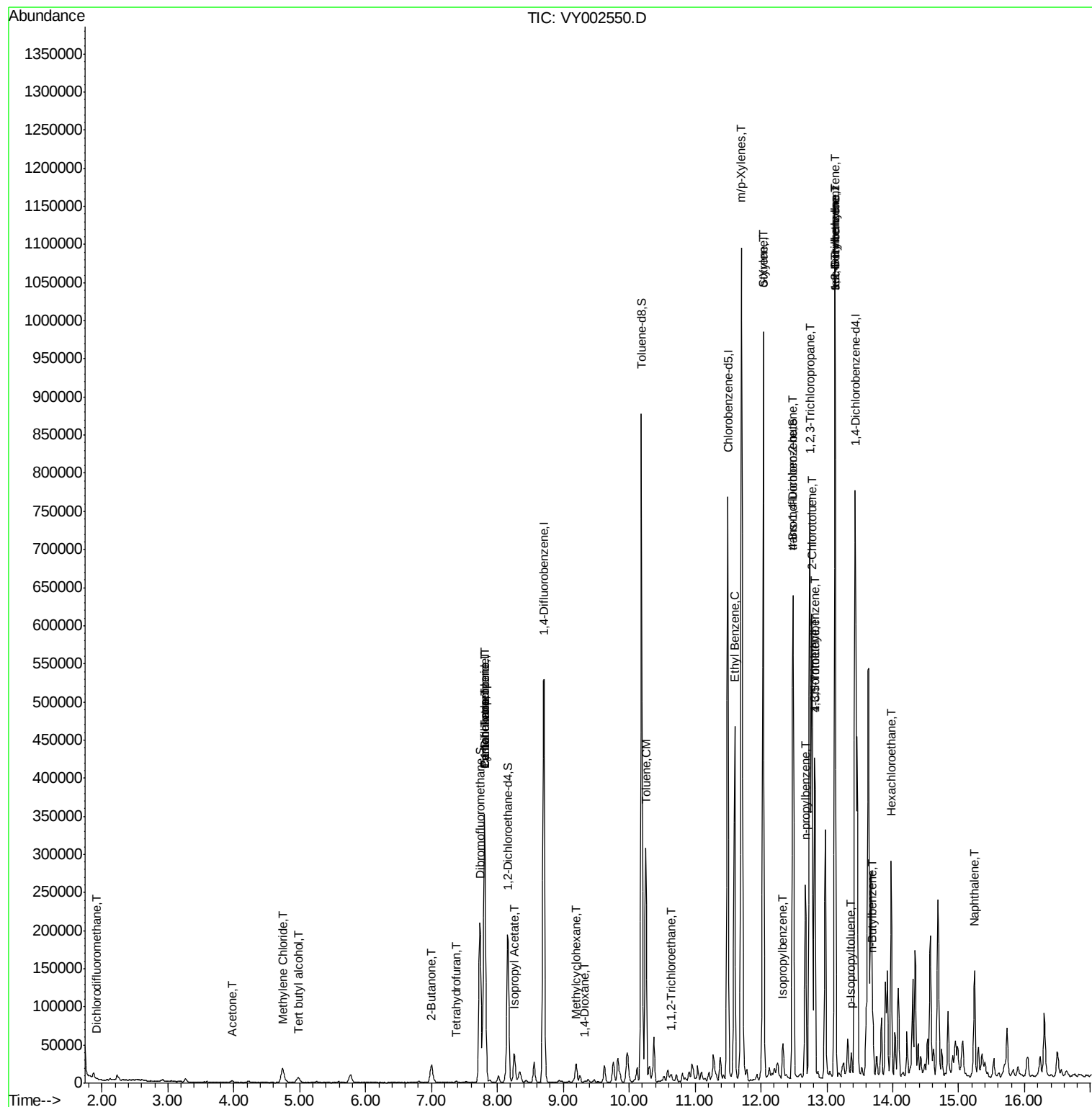
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

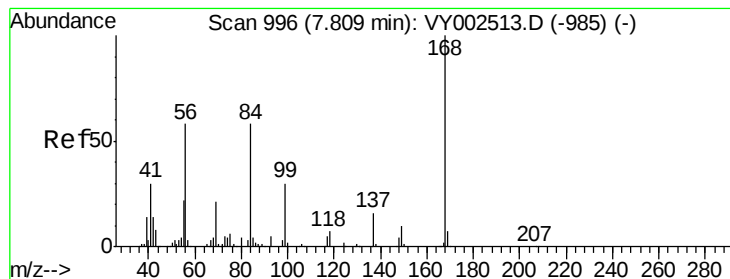
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
Data File : VY002550.D
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Operator : SY/MD
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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: VY002550.D

Acq: 04 May 2020 18:39

Instrument :

MSVOA_Y

ClientSampleId :

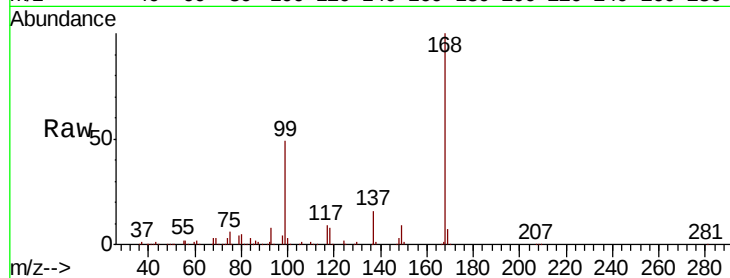
201-206

Tot Ion:168 Resp: 293118

Ion Ratio Lower Upper

168 100

99 48.9 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

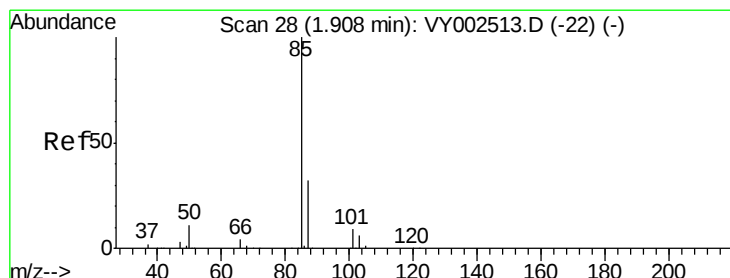
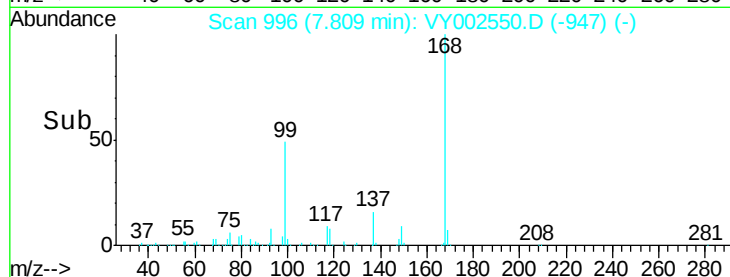
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.994 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002550.D

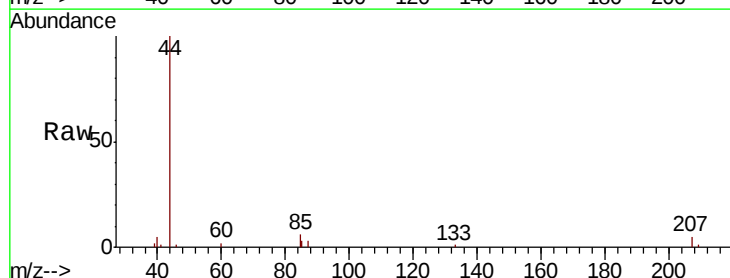
Acq: 04 May 2020 18:39

Tgt Ion: 85 Resp: 525

Ion Ratio Lower Upper

85 100

87 29.5 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

500

400

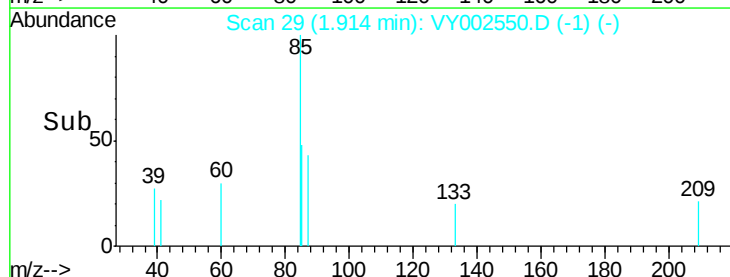
300

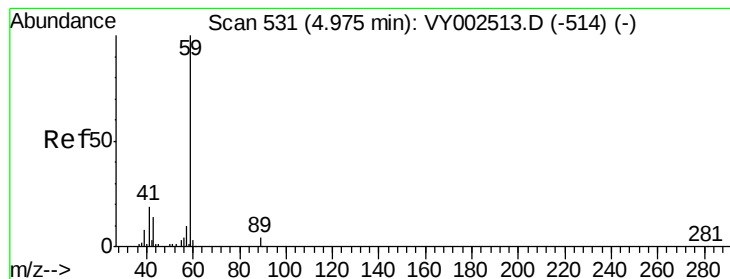
200

100

0

Time-->





#11

Tert butyl alcohol

Concen: 50.457 ug/l

RT: 4.98 min Scan# 532

Delta R.T. 0.01 min

Lab File: VY002550.D

Acq: 04 May 2020 18:39

Instrument :

MSVOA_Y

ClientSampleId :

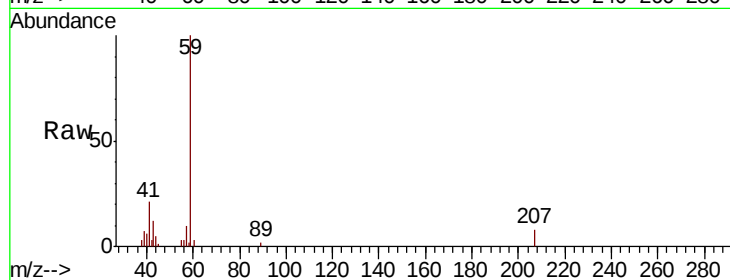
201-206

Tot Ion: 59 Resp: 12794

Ion Ratio Lower Upper

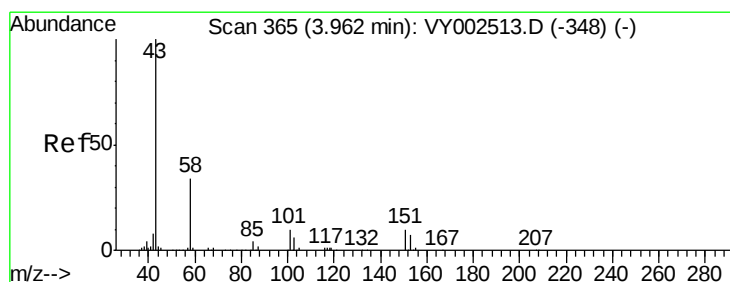
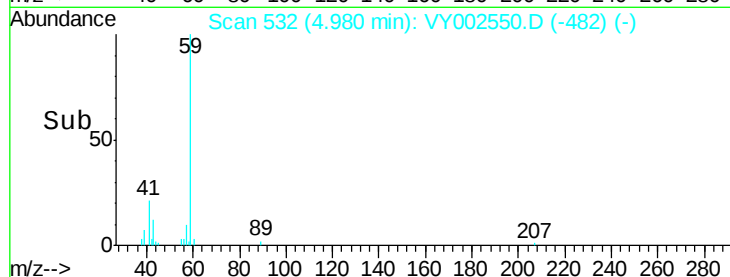
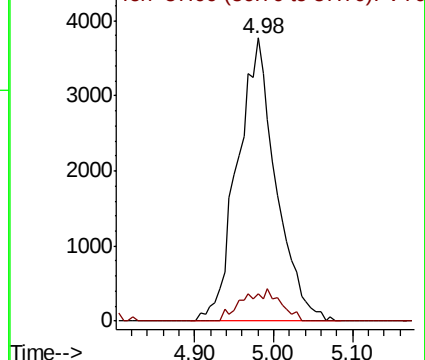
59 100

57 4.7 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VY002550.D (-482) (-)

Ion 57.00 (56.70 to 57.70): VY002550.D (-482) (-)



#16

Acetone

Concen: 8.892 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002550.D

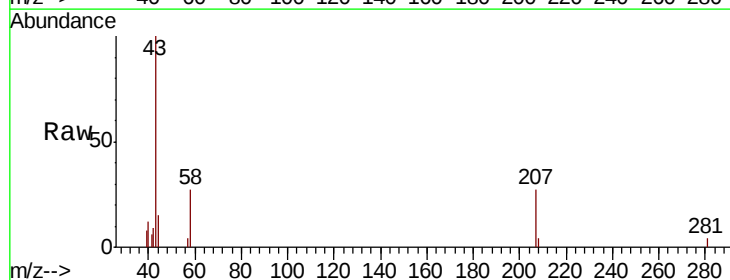
Acq: 04 May 2020 18:39

Tgt Ion: 43 Resp: 4523

Ion Ratio Lower Upper

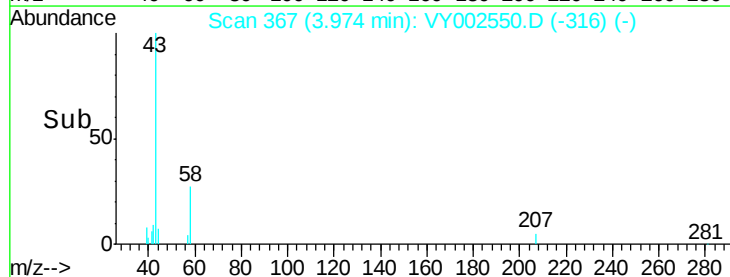
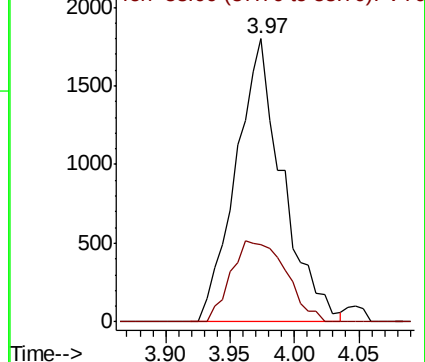
43 100

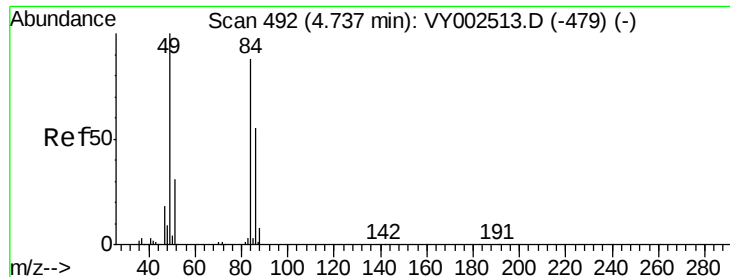
58 27.2 26.9 40.3



Abundance Ion 43.00 (42.70 to 43.70): VY002550.D (-316) (-)

Ion 58.00 (57.70 to 58.70): VY002550.D (-316) (-)

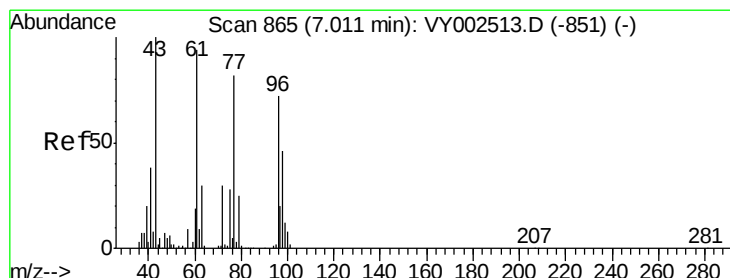
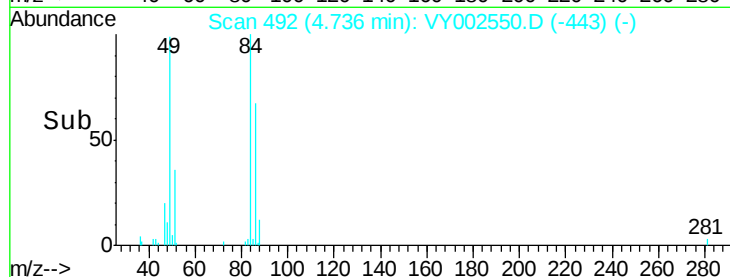
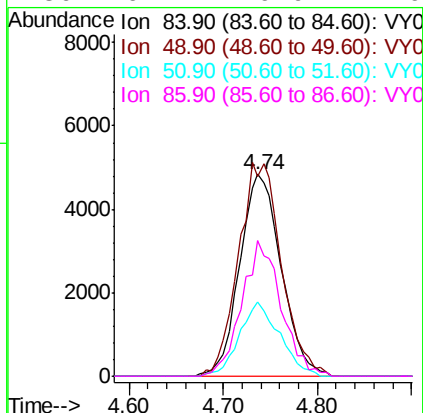
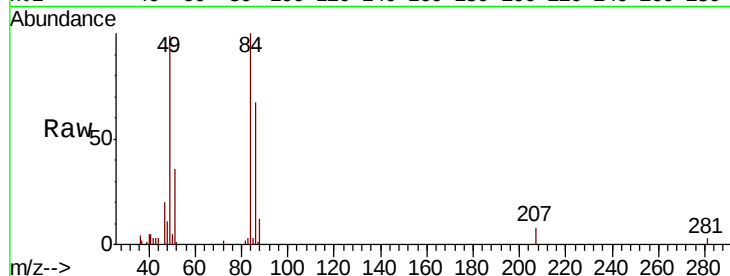




#20
Methvlene Chloride
Concen: 5.249 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.00 min
Lab File: VY002550.D
Acq: 04 May 2020 18:39

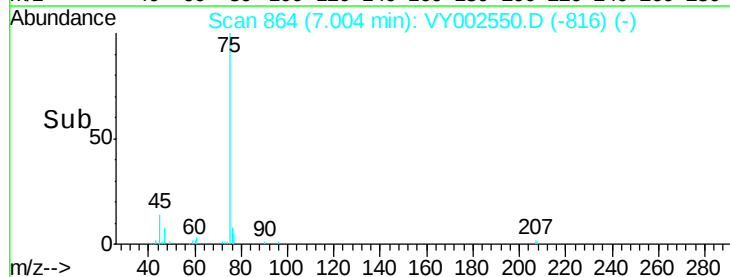
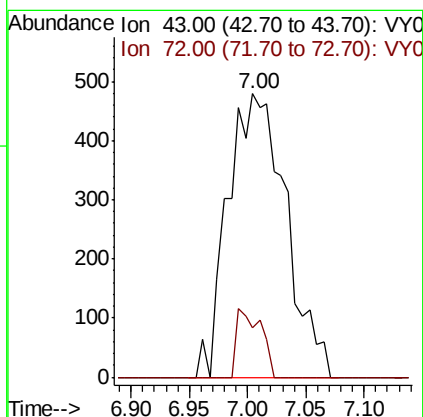
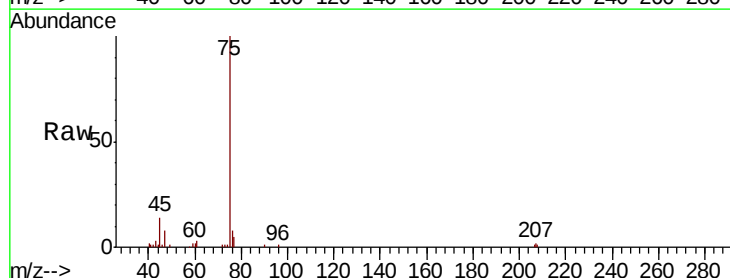
Instrument :
MSVOA_Y
ClientSampleId :
201-206

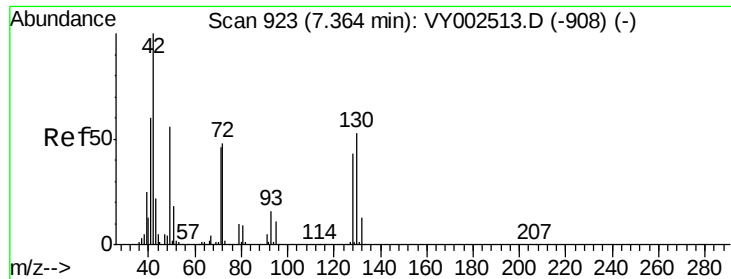
Tot Ion:	84	Resp:	14931
Ion	Ratio	Lower	Upper
84	100		
49	98.7	90.5	135.7
51	36.5	28.3	42.5
86	67.1	49.9	74.9



#25
2-Butanone
Concen: 1.997 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY002550.D
Acq: 04 May 2020 18:39

Tgt Ion:	43	Resp:	1663
Ion	Ratio	Lower	Upper
43	100		
72	17.3	24.1	36.1#

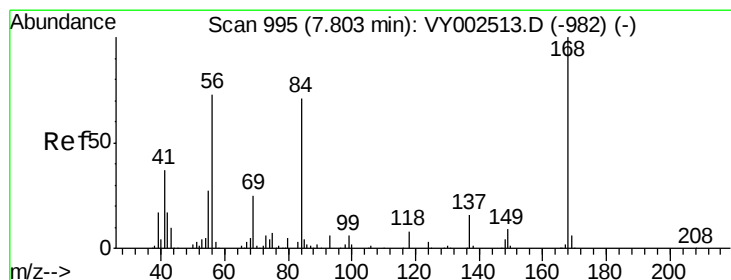
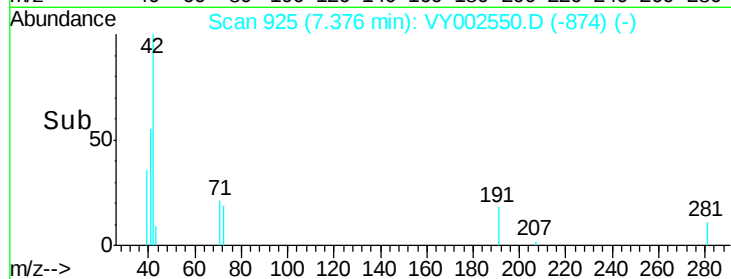
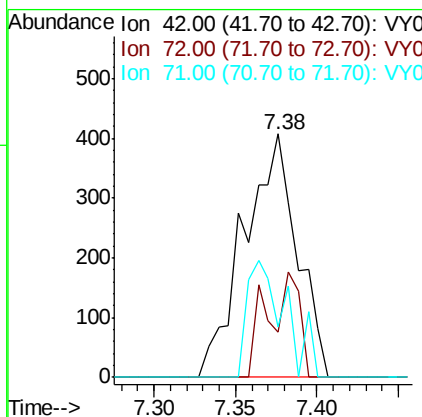
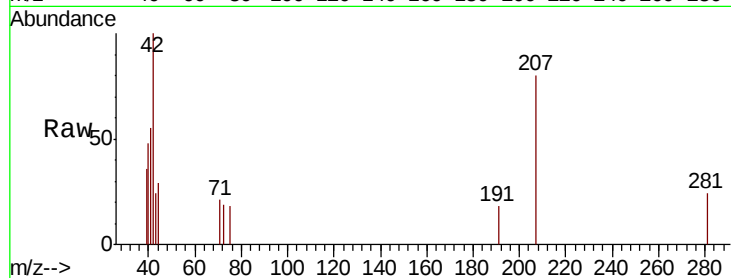




#29
Tetrahydrofuran
Concen: 1.668 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.01 min
Lab File: VY002550.D
Acq: 04 May 2020 18:39

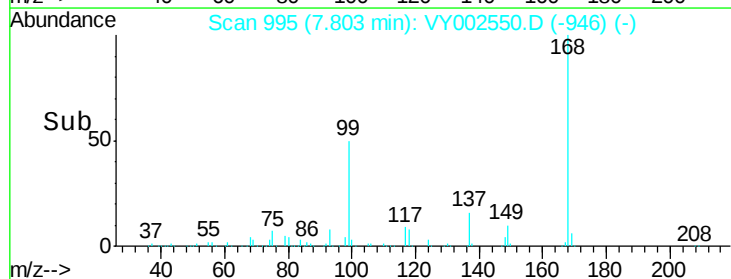
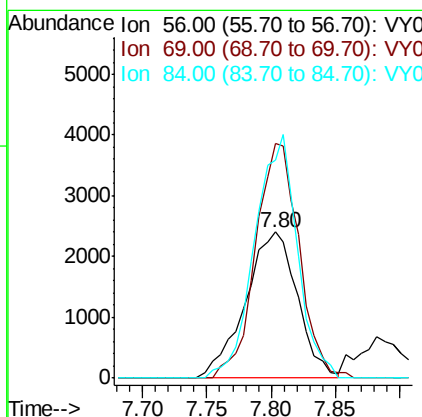
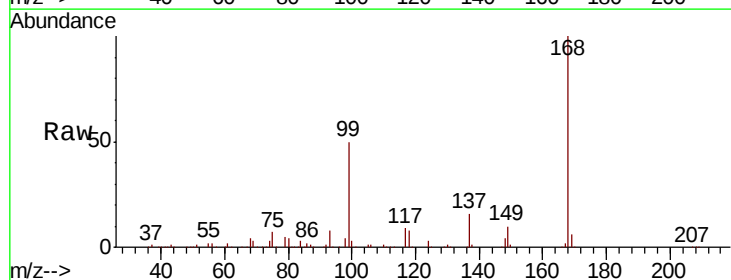
Instrument :
MSVOA_Y
ClientSampled :
201-206

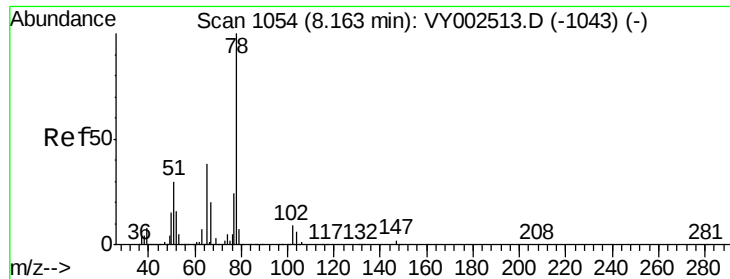
Tot Ion: 42 Resp: 919
Ion Ratio Lower Upper
42 100
72 25.8 37.4 56.2#
71 34.7 35.0 52.4#



#31
Cyclohexane
Concen: 1.524 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY002550.D
Acq: 04 May 2020 18:39

Tgt Ion: 56 Resp: 6749
Ion Ratio Lower Upper
56 100
69 160.4 27.6 41.4#
84 149.3 77.7 116.5#

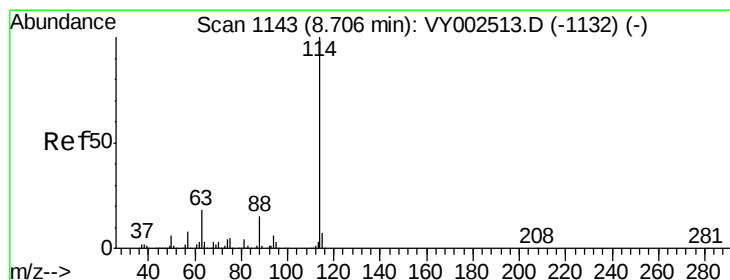
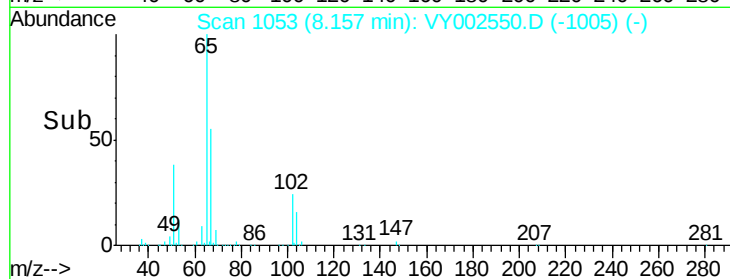
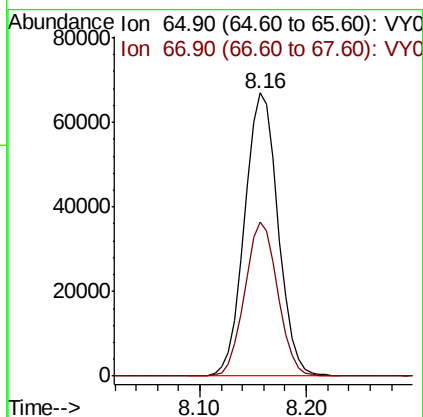
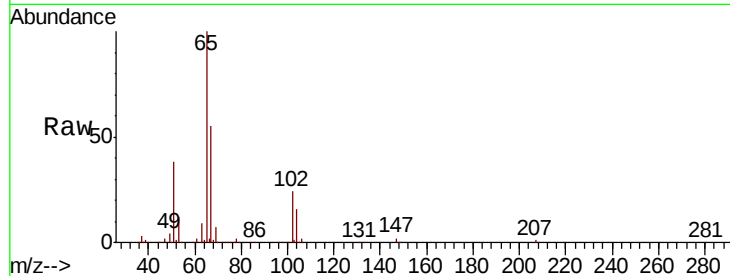




#33
 1,2-Dichloroethane-d4
 Concen: 59.995 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY002550.D
 Acq: 04 May 2020 18:39

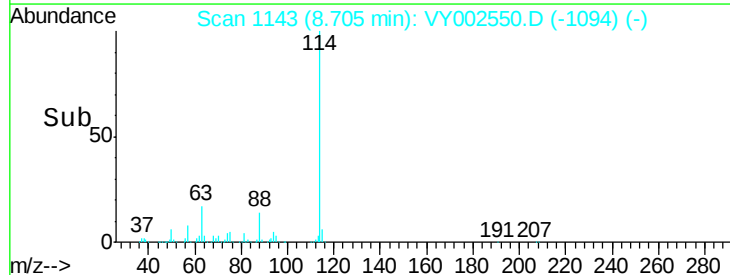
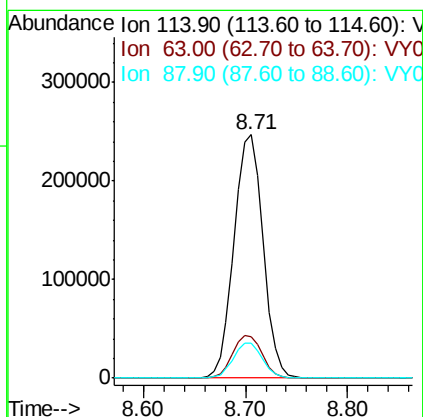
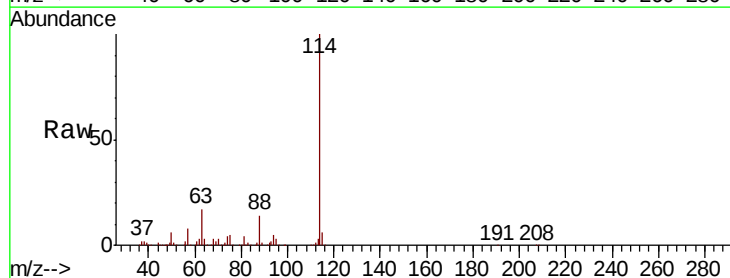
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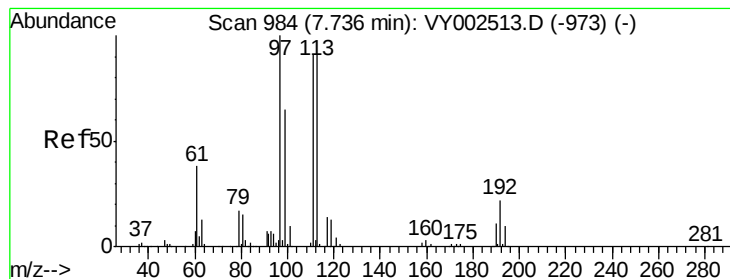
Tot Ion: 65 Resp: 147863
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY002550.D
 Acq: 04 May 2020 18:39

Tgt Ion: 114 Resp: 486604
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 36.4
 88 14.4 0.0 29.6





#35

Dibromofluoromethane

Concen: 52.597 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.00 min

Lab File: VY002550.D

Acq: 04 May 2020 18:39

Instrument :

MSVOA_Y

ClientSampleId :

201-206

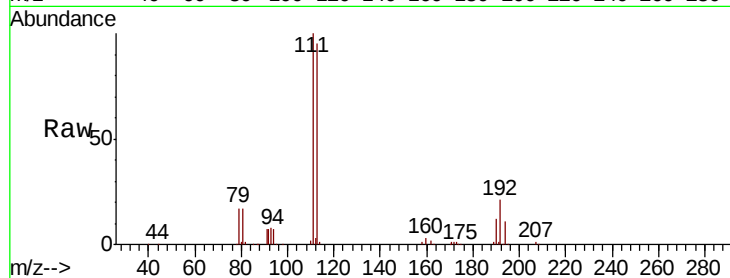
Tot Ion:113 Resp: 146373

Ion Ratio Lower Upper

113 100

111 104.6 81.8 122.6

192 22.7 18.2 27.4



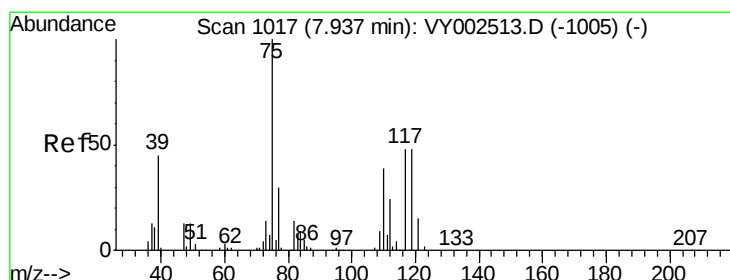
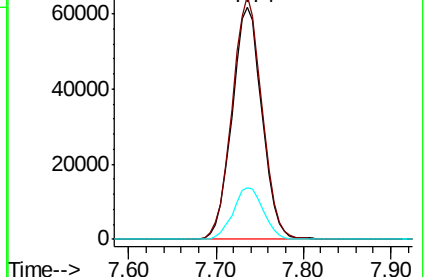
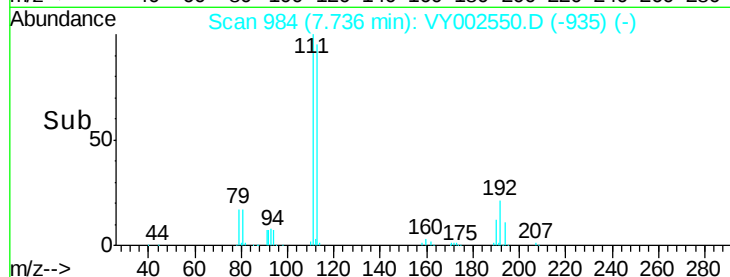
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

7.74

Time-->



#36

1,1-Dichloropropene

Concen: 4.626 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.13 min

Lab File: VY002550.D

Acq: 04 May 2020 18:39

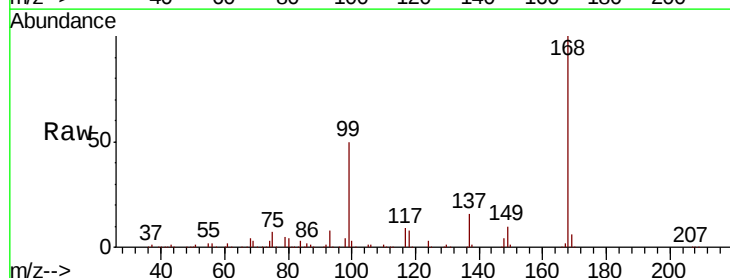
Tgt Ion: 75 Resp: 18870

Ion Ratio Lower Upper

75 100

110 9.1 19.1 57.3#

77 0.0 24.6 37.0#



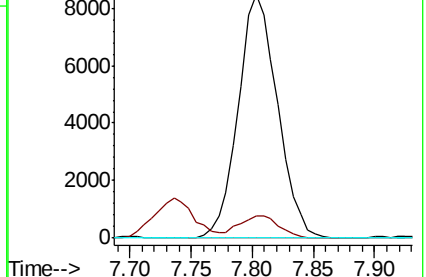
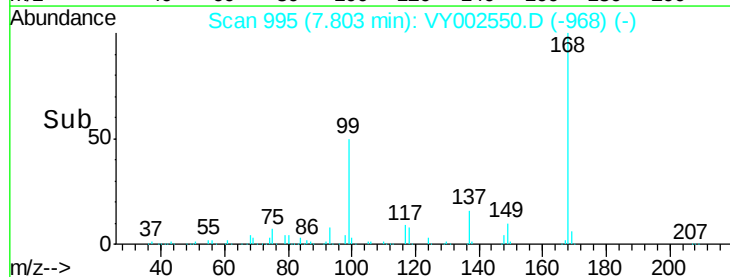
Abundance Ion 74.90 (74.60 to 75.60): VY0

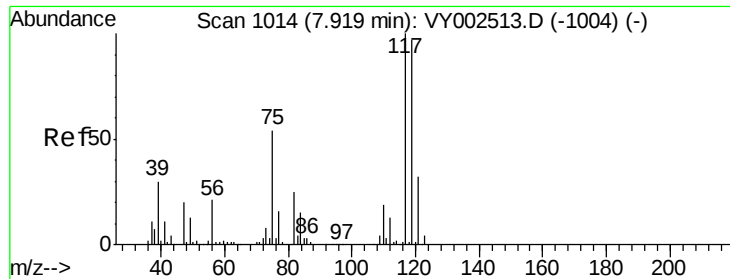
Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

7.80

Time-->





#38

Carbon Tetrachloride

Concen: 5.999 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.12 min

Lab File: VY002550.D

Acq: 04 May 2020 18:39

Instrument :

MSVOA_Y

ClientSampleId :

201-206

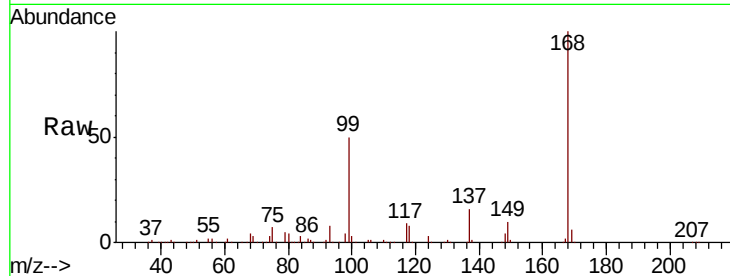
Tot Ion:117 Resp: 26715

Ion Ratio Lower Upper

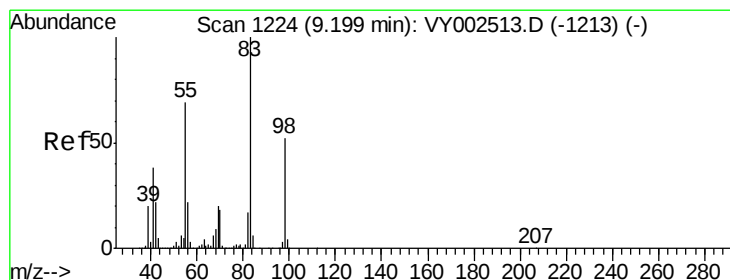
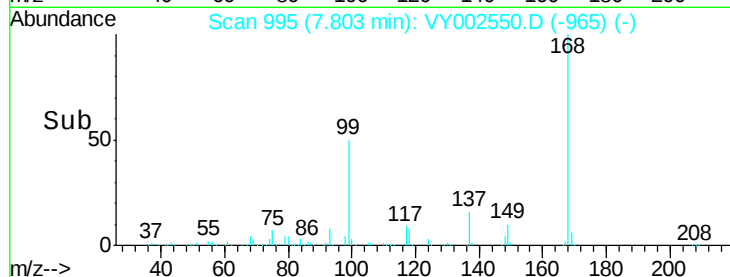
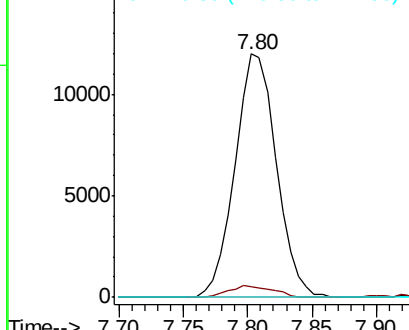
117 100

119 4.4 77.1 115.7#

121 0.0 25.2 37.8#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 1.348 ug/l

RT: 9.19 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VY002550.D

Acq: 04 May 2020 18:39

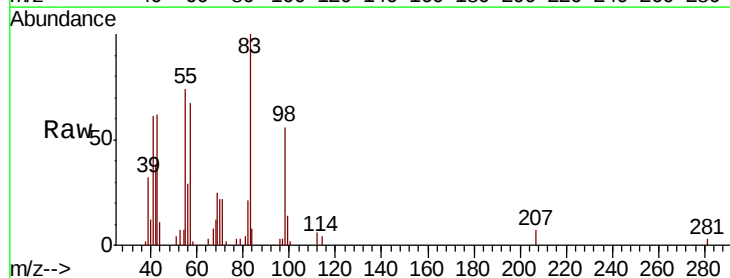
Tgt Ion: 83 Resp: 7262

Ion Ratio Lower Upper

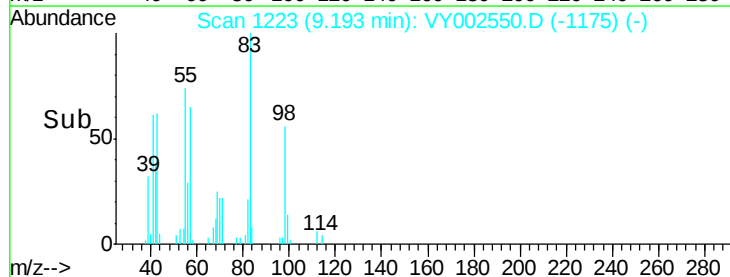
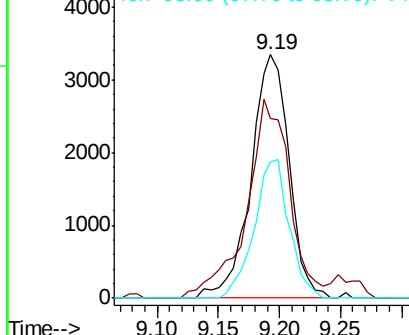
83 100

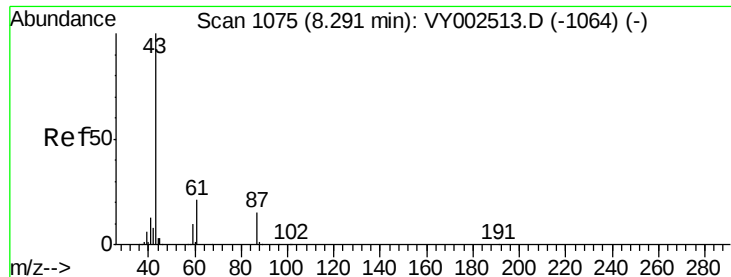
55 71.1 55.4 83.0

98 56.1 41.3 61.9



Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0





#43

Isopropyl Acetate

Concen: 2.141 ug/l

RT: 8.25 min Scan# 1069

Delta R.T. -0.04 min

Lab File: VY002550.D

Acq: 04 May 2020 18:39

Instrument :

MSVOA_Y

ClientSampled :

201-206

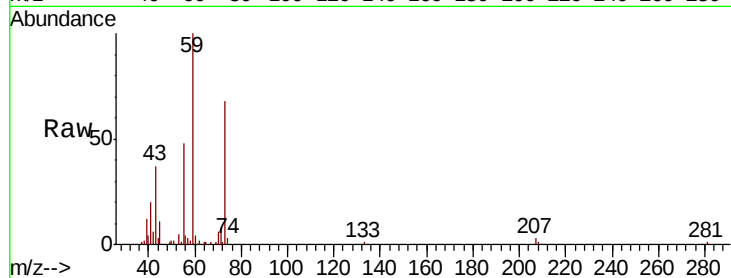
Tot Ion: 43 Resp: 8412

Ion Ratio Lower Upper

43 100

61 0.0 24.8 37.2#

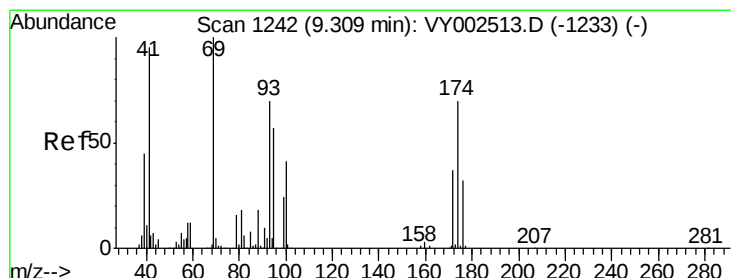
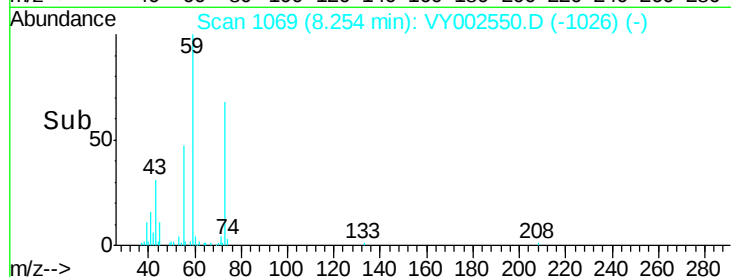
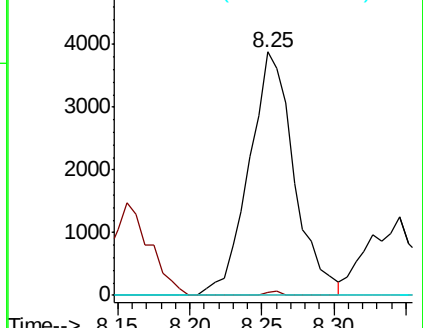
87 0.0 12.2 18.2#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0



#49

1,4-Dioxane

Concen: 1.754 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY002550.D

Acq: 04 May 2020 18:39

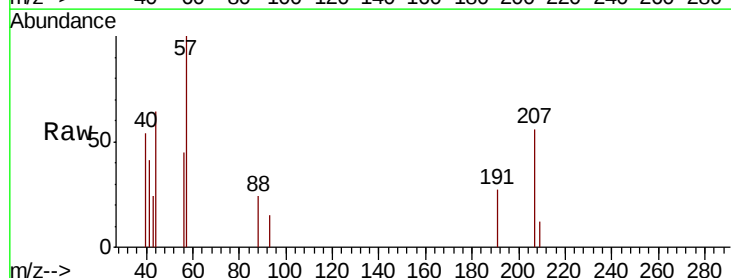
Tgt Ion: 88 Resp: 38

Ion Ratio Lower Upper

88 100

43 450.0 22.8 34.2#

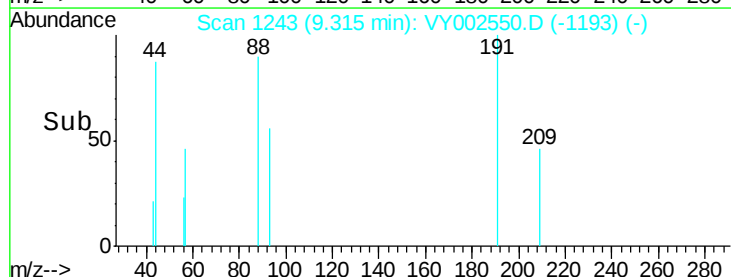
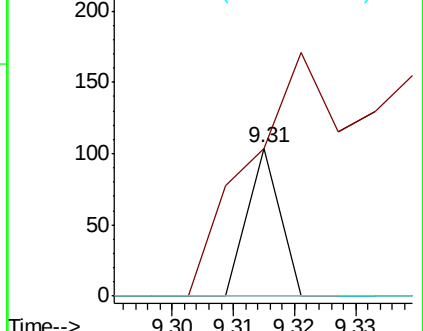
58 0.0 51.4 77.2#

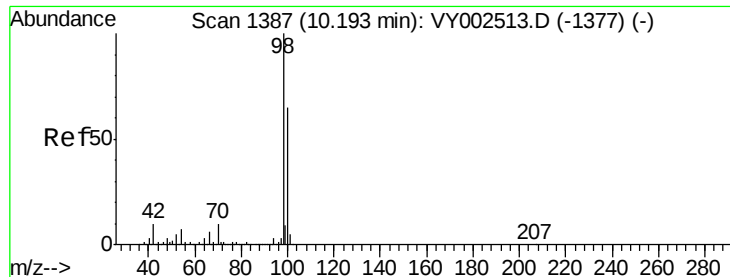


Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#50

Toluene-d8

Concen: 52.286 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY002550.D

Acq: 04 May 2020 18:39

Instrument :

MSVOA_Y

ClientSampleId :

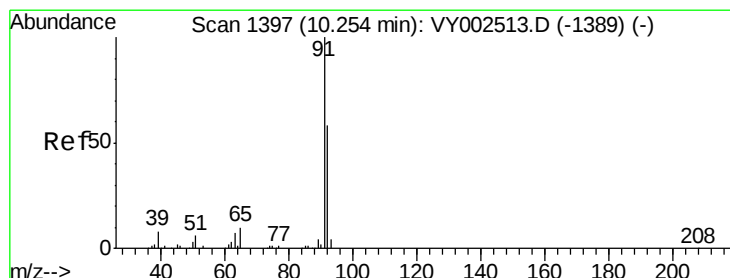
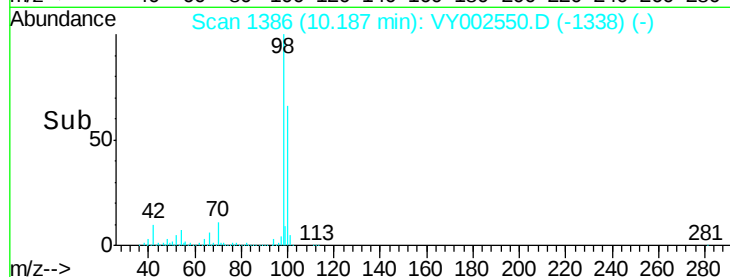
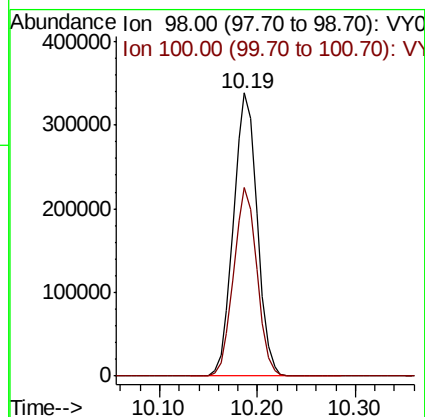
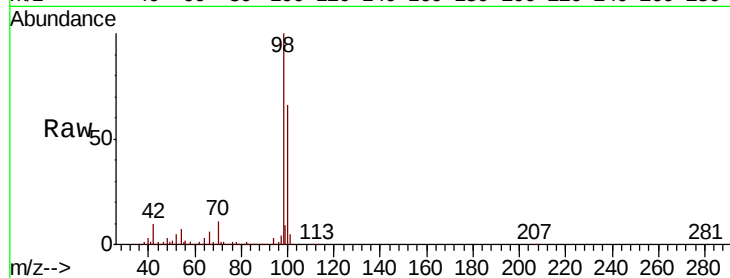
201-206

Tot Ion: 98 Resp: 568224

Ion Ratio Lower Upper

98 100

100 65.5 52.2 78.2



#52

Toluene

Concen: 17.605 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VY002550.D

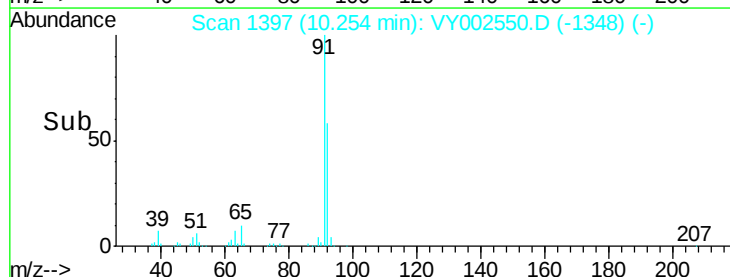
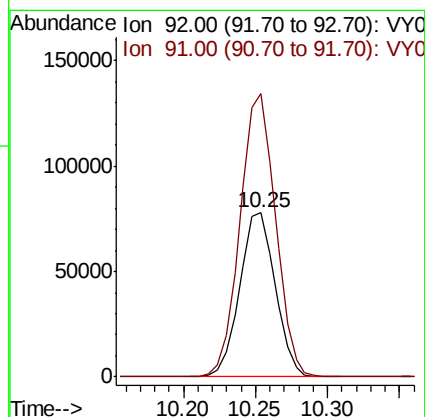
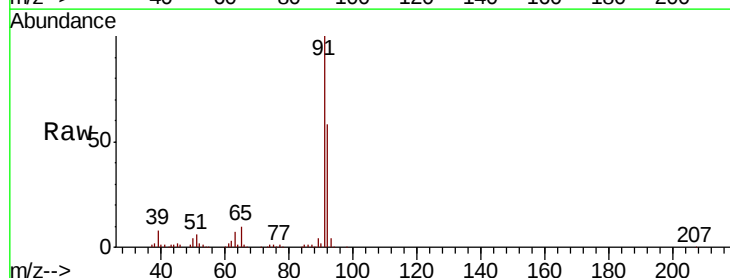
Acq: 04 May 2020 18:39

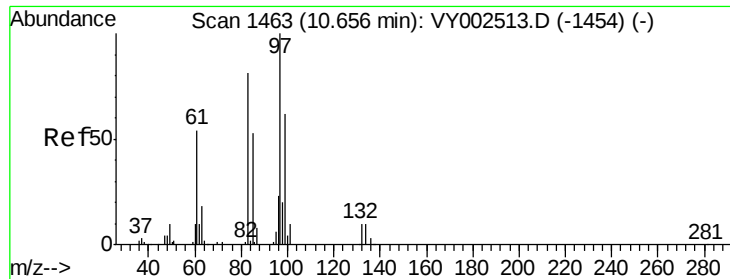
Tgt Ion: 92 Resp: 133304

Ion Ratio Lower Upper

92 100

91 172.3 139.3 208.9





#55

1,1,2-Trichloroethane

Concen: 1.417 ug/l

RT: 10.63 min Scan# 1458

Delta R.T. -0.03 min

Lab File: VY002550.D

Acq: 04 May 2020 18:39

Instrument :

MSVOA_Y

ClientSampled :

201-206

Tot Ion: 97 Resp: 3381

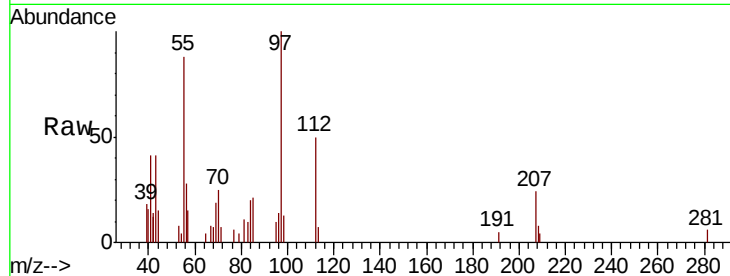
Ion Ratio Lower Upper

97 100

83 10.0 65.1 97.7#

85 21.5 42.7 64.1#

99 0.0 50.0 75.0#



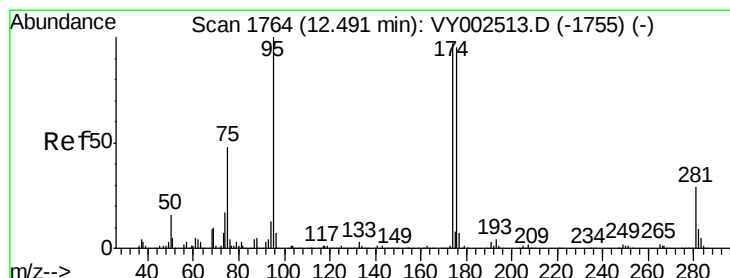
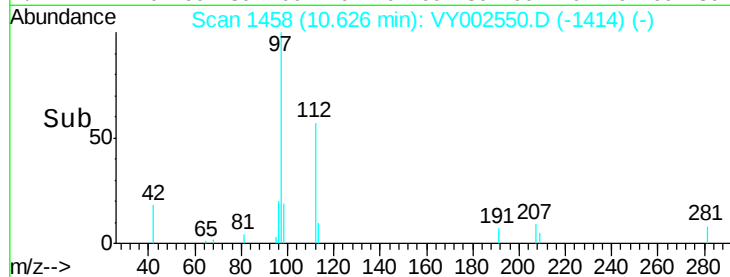
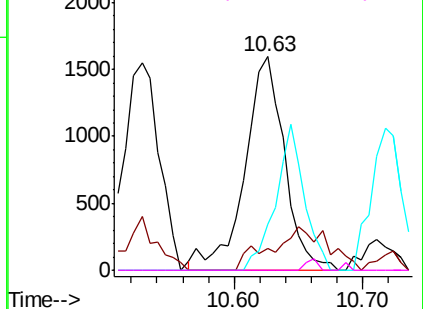
Abundance

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



#62

4-Bromofluorobenzene

Concen: 49.940 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002550.D

Acq: 04 May 2020 18:39

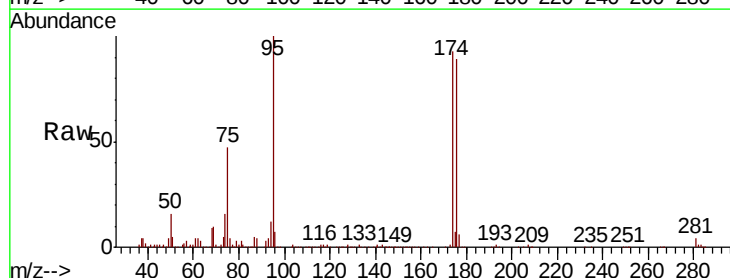
Tgt Ion: 95 Resp: 184160

Ion Ratio Lower Upper

95 100

174 94.8 0.0 188.8

176 90.3 0.0 183.2

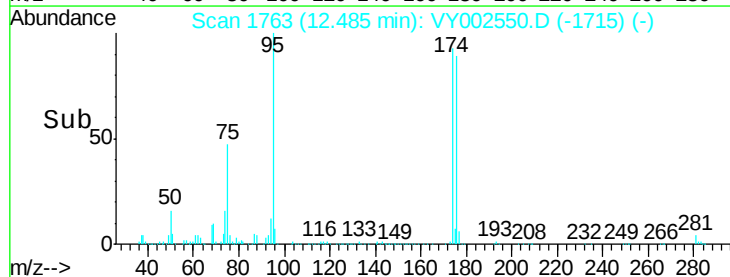
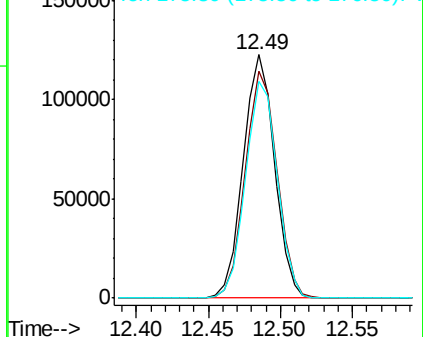


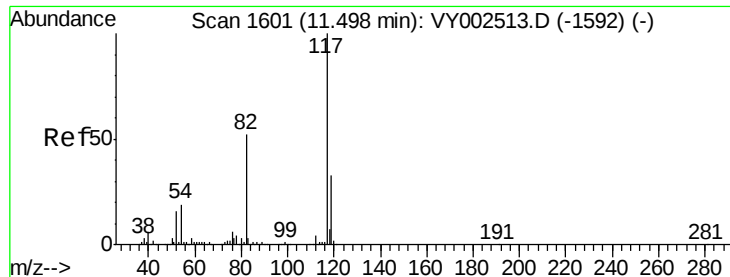
Abundance

Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

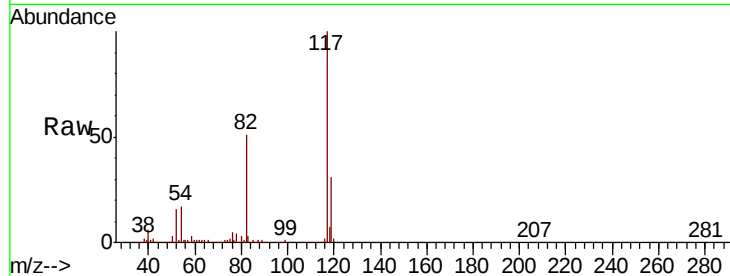




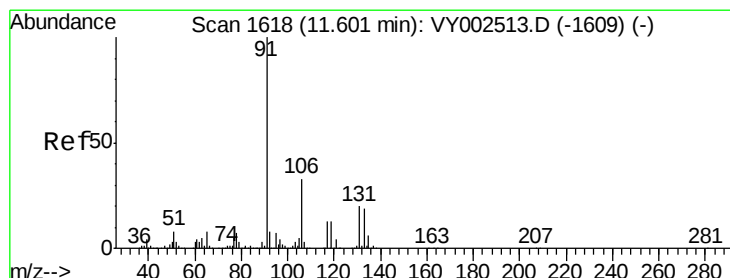
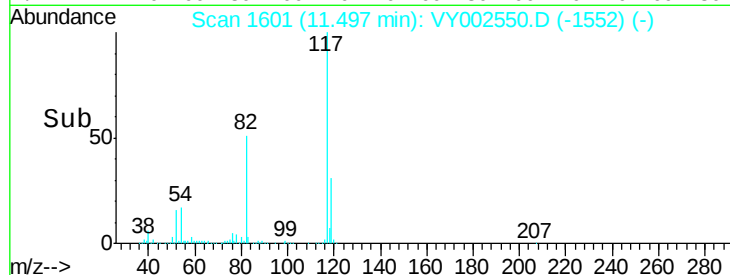
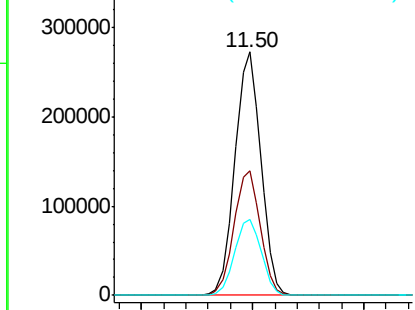
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002550.D
Acq: 04 May 2020 18:39

Instrument :
MSVOA_Y
ClientSampleId :
201-206

Tot Ion:117 Resp: 439446
Ion Ratio Lower Upper
117 100
82 50.8 41.3 61.9
119 31.0 26.0 39.0

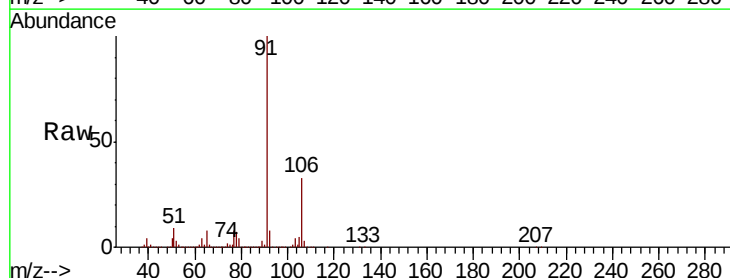


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

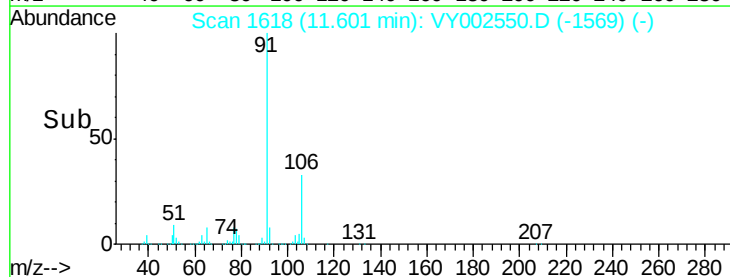
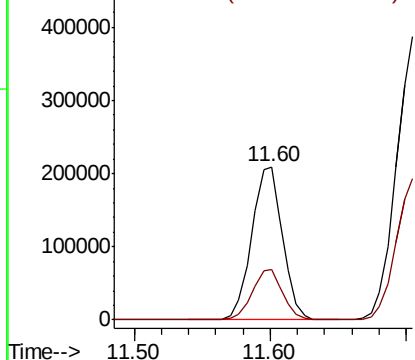


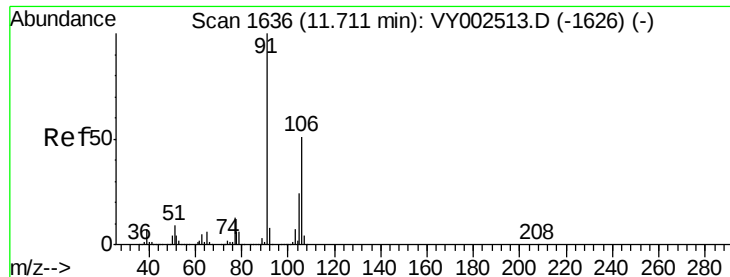
#67
Ethyl Benzene
Concen: 22.691 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY002550.D
Acq: 04 May 2020 18:39

Tgt Ion: 91 Resp: 332971
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

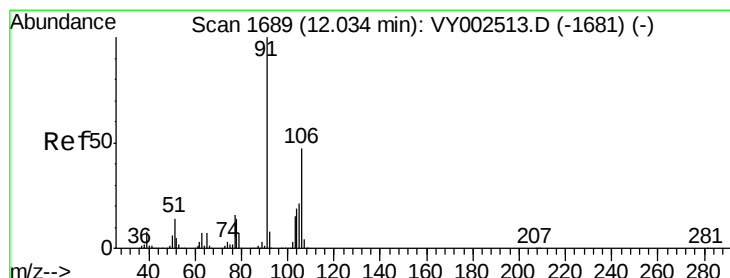
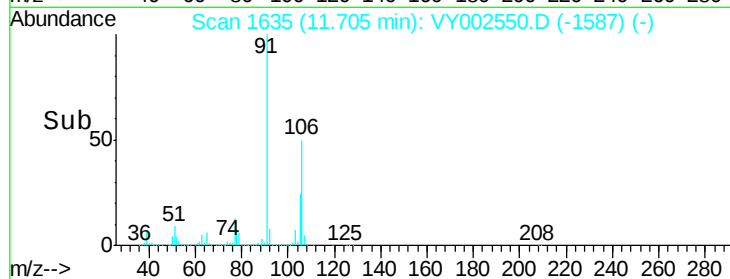
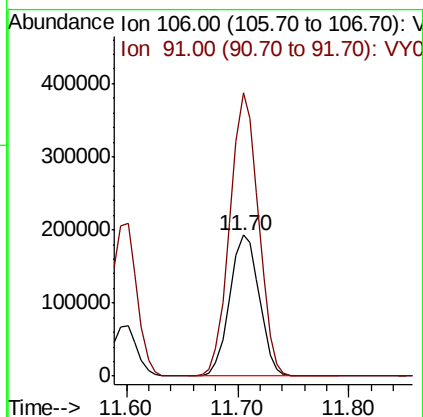
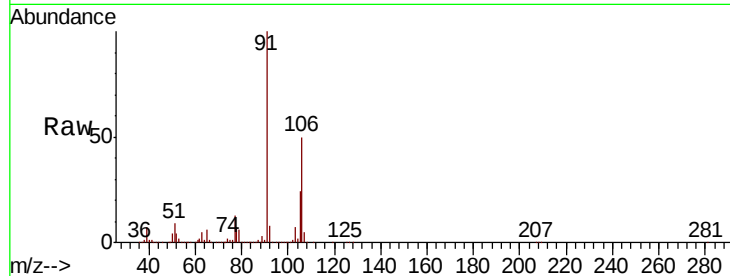




#68
m/p-Xylenes
Concen: 62.369 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY002550.D
Acq: 04 May 2020 18:39

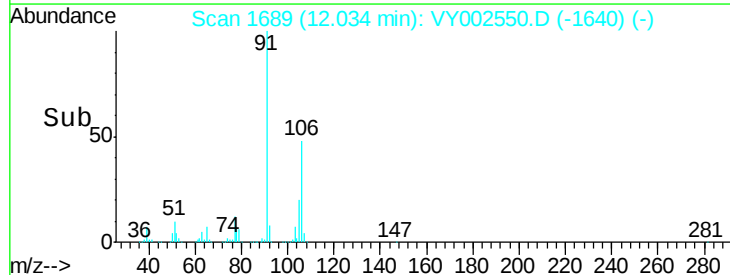
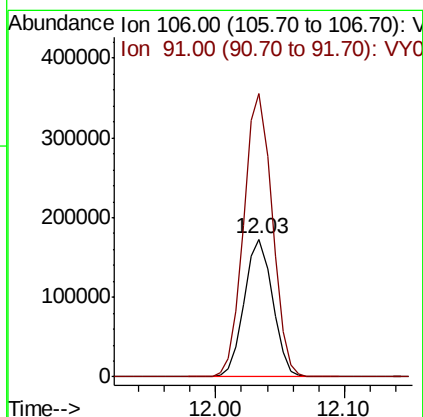
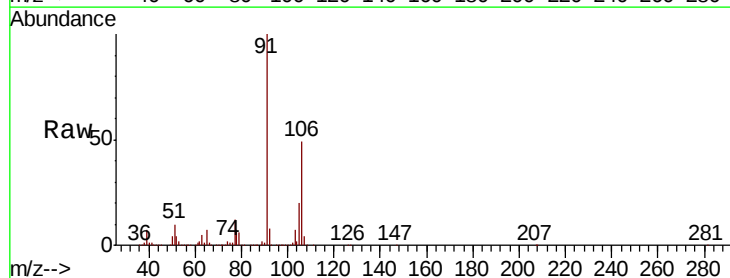
Instrument :
MSVOA_Y
ClientSampleId :
201-206

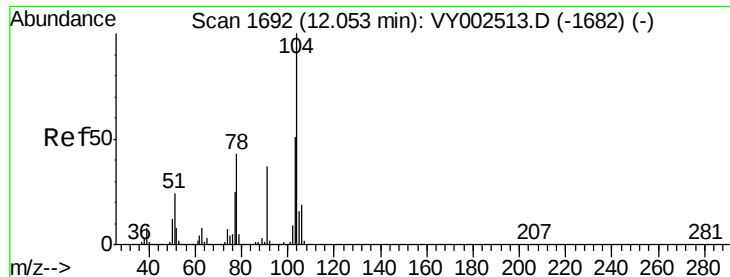
Tot Ion:106 Resp: 354119
Ion Ratio Lower Upper
106 100
91 194.1 155.2 232.8



#69
o-Xylene
Concen: 49.579 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY002550.D
Acq: 04 May 2020 18:39

Tgt Ion:106 Resp: 263573
Ion Ratio Lower Upper
106 100
91 206.8 103.8 311.3





#70

Stvrene

Concen: 1.665 ug/l

RT: 12.03 min Scan# 1689

Delta R.T. -0.02 min

Lab File: VY002550.D

Acq: 04 May 2020 18:39

Instrument :

MSVOA_Y

ClientSampleId :

201-206

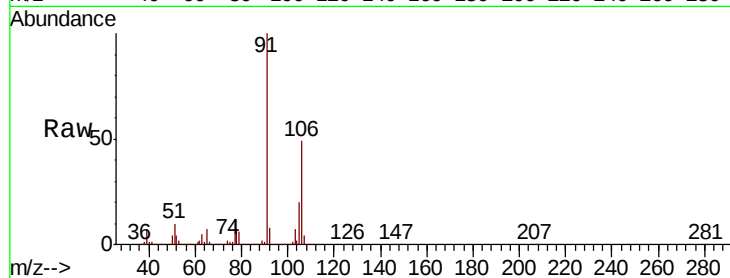
Tot Ion:104 Resp: 15134

Ion Ratio Lower Upper

104 100

78 242.7 37.4 56.0#

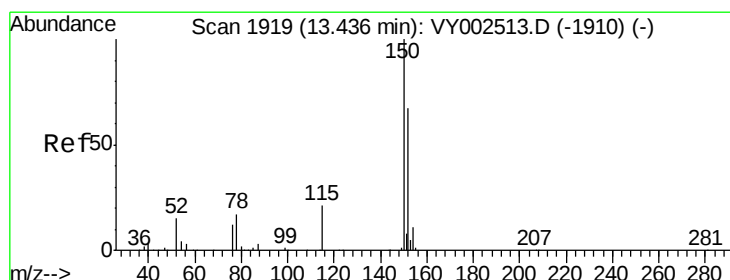
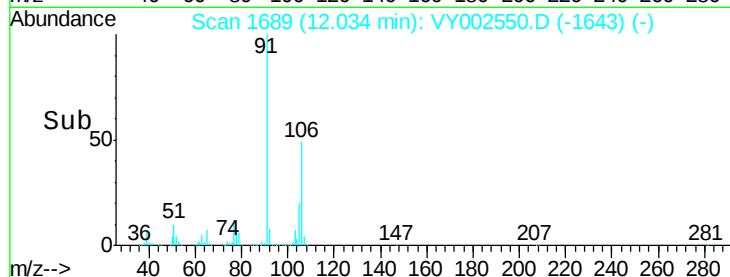
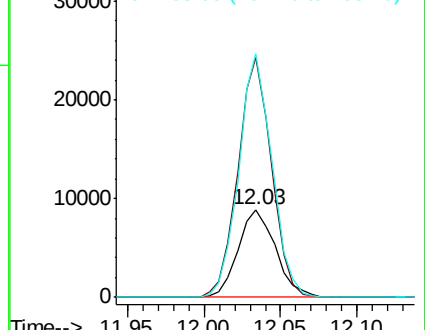
103 243.7 43.9 65.9#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VY0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY002550.D

Acq: 04 May 2020 18:39

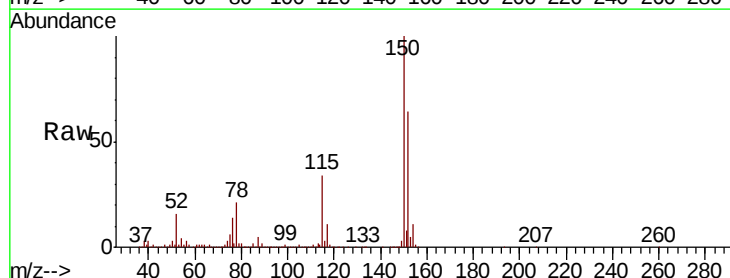
Tgt Ion:152 Resp: 208877

Ion Ratio Lower Upper

152 100

115 59.0 27.5 82.4

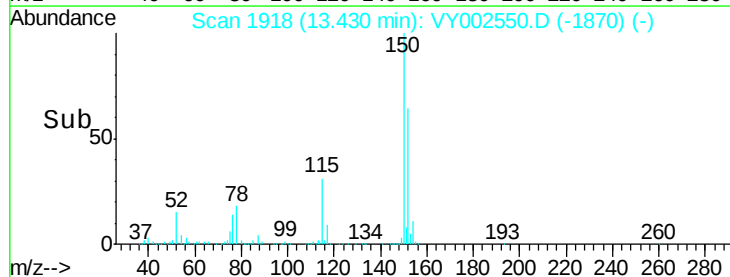
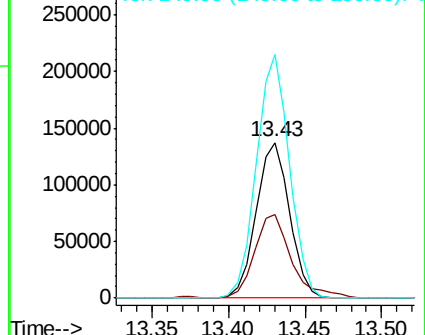
150 155.1 0.0 346.4

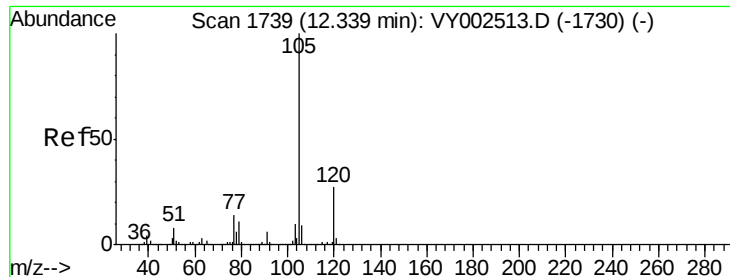


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 2.100 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002550.D

Acq: 04 May 2020 18:39

Instrument :

MSVOA_Y

ClientSampleId :

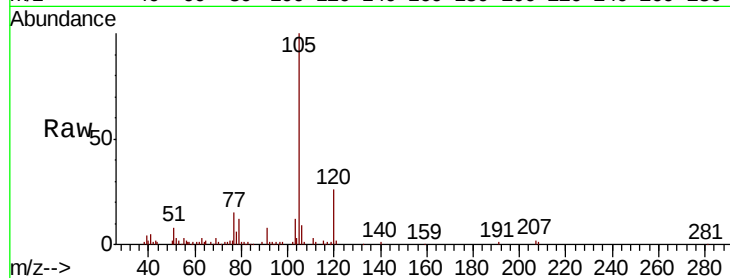
201-206

Tot Ion:105 Resp: 28427

Ion Ratio Lower Upper

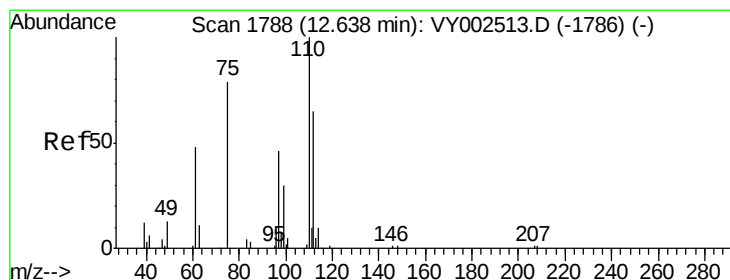
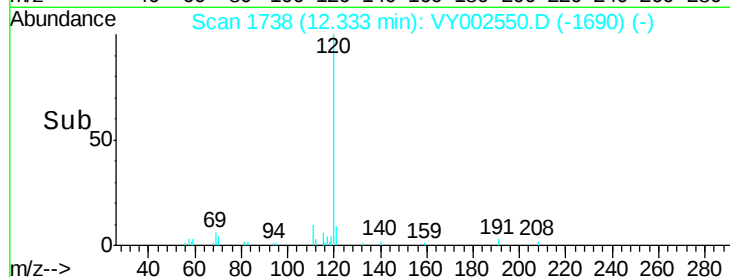
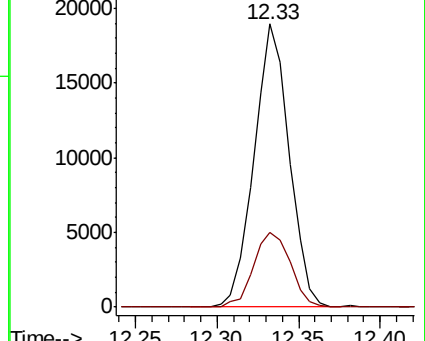
105 100

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



#76

1,2,3-Trichloropropane

Concen: 1.761 ug/l

RT: 12.74 min Scan# 1805

Delta R.T. 0.10 min

Lab File: VY002550.D

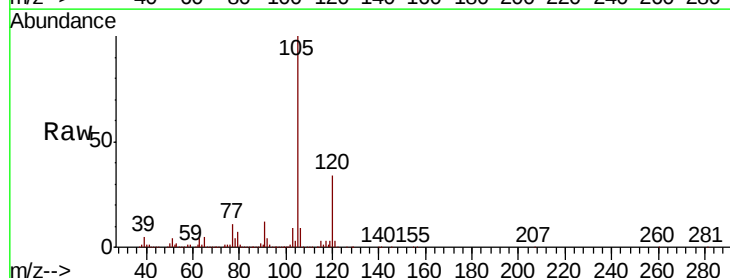
Acq: 04 May 2020 18:39

Tgt Ion: 75 Resp: 3269

Ion Ratio Lower Upper

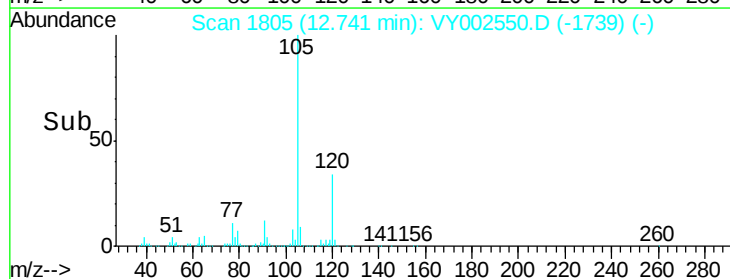
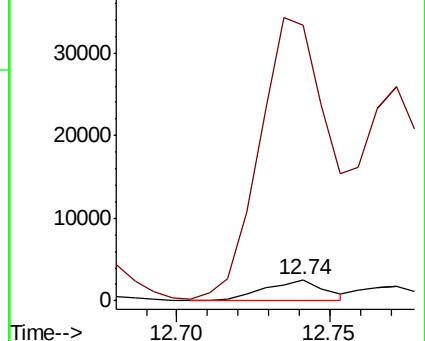
75 100

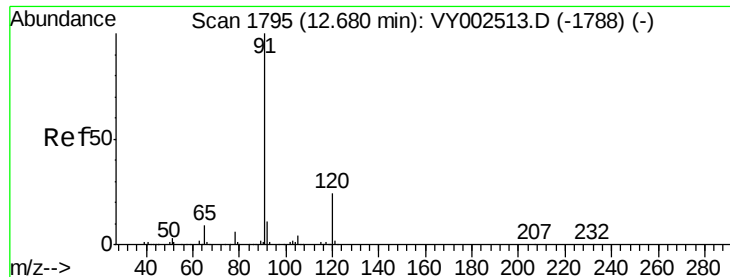
77 1613.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#78

n-propylbenzene

Concen: 12.069 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002550.D

Acq: 04 May 2020 18:39

Instrument :

MSVOA_Y

ClientSampled :

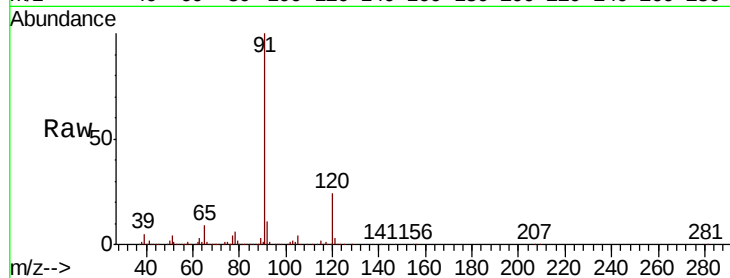
201-206

Tot Ion: 91 Resp: 189596

Ion Ratio Lower Upper

91 100

120 24.0 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

150000

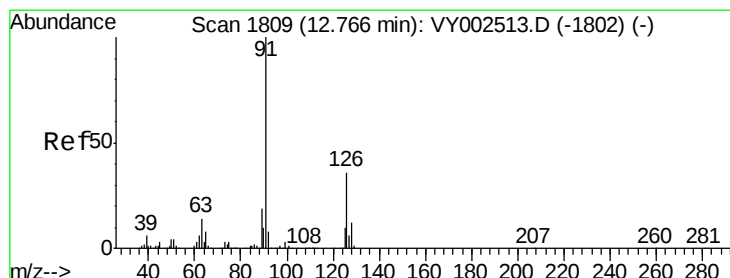
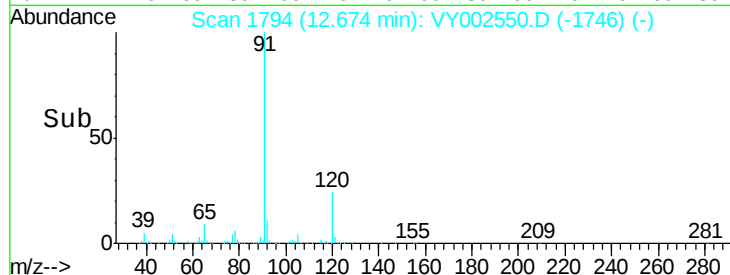
100000

50000

0

12.60 12.65 12.70

Time-->



#79

2-Chlorotoluene

Concen: 3.858 ug/l

RT: 12.77 min Scan# 1810

Delta R.T. 0.01 min

Lab File: VY002550.D

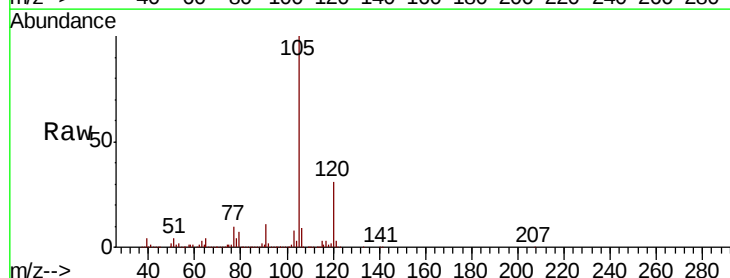
Acq: 04 May 2020 18:39

Tgt Ion: 91 Resp: 33571

Ion Ratio Lower Upper

91 100

126 0.5 18.4 55.2#



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

40000

30000

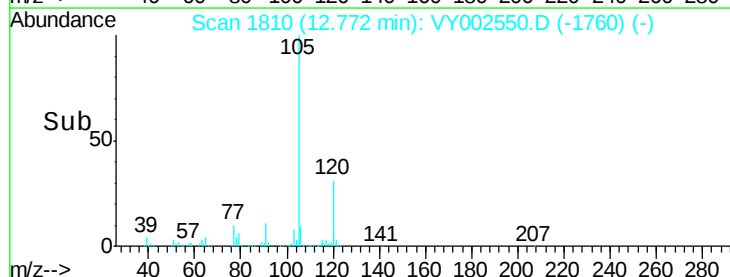
20000

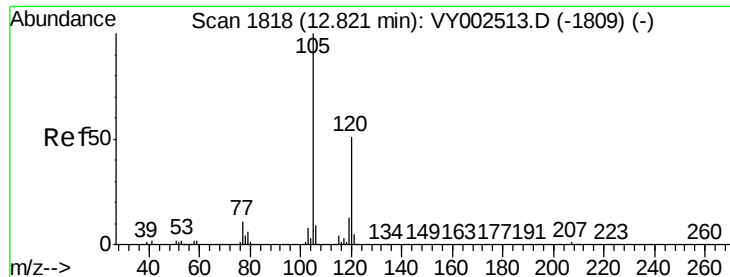
10000

0

12.76 12.77 12.78 12.80

Time-->





#80

1,3,5-Trimethylbenzene

Concen: 18.187 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY002550.D

Acq: 04 May 2020 18:39

Instrument :

MSVOA_Y

ClientSampleId :

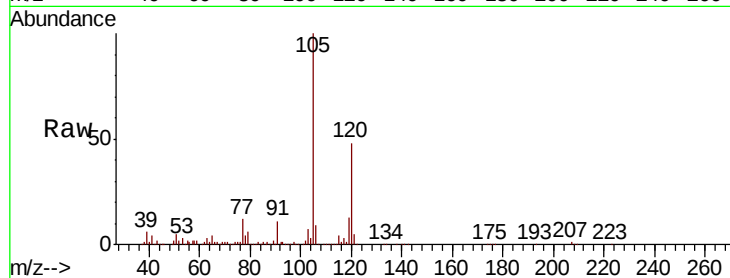
201-206

Tot Ion:105 Resp: 204078

Ion Ratio Lower Upper

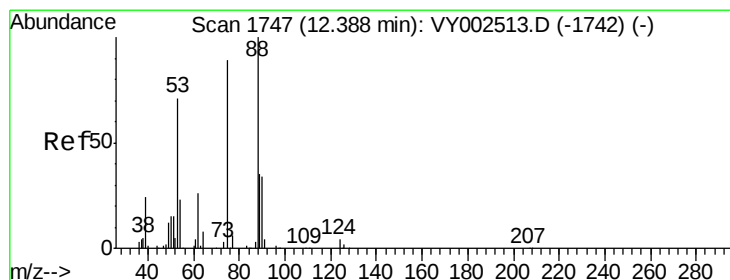
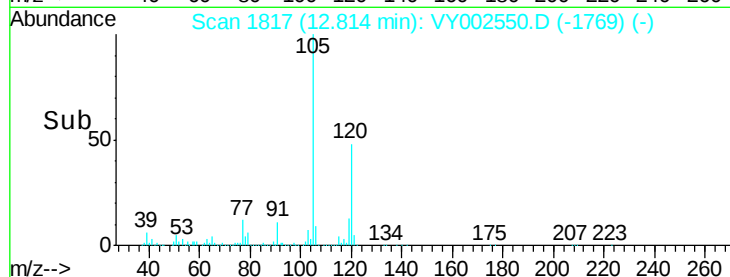
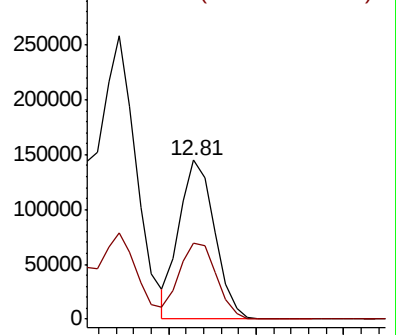
105 100

120 50.6 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 96.935 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002550.D

Acq: 04 May 2020 18:39

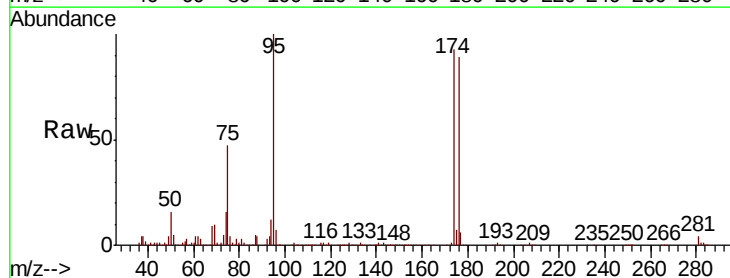
Tgt Ion: 75 Resp: 89733

Ion Ratio Lower Upper

75 100

53 0.2 67.4 101.0#

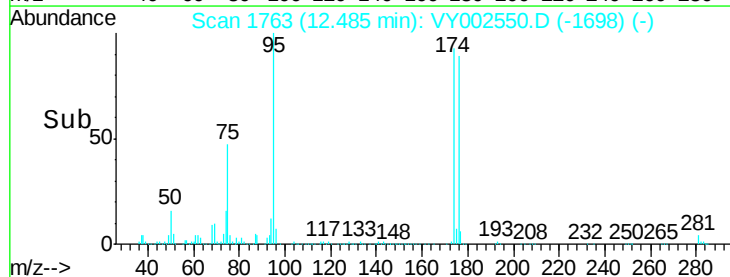
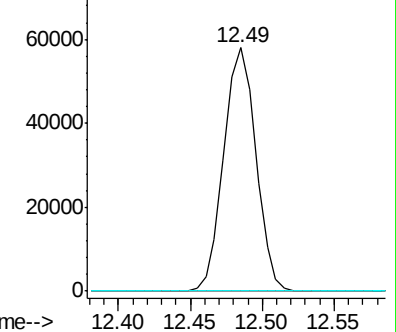
89 0.0 37.4 56.0#

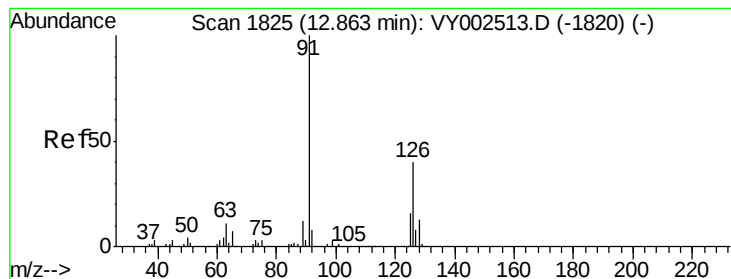


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0





#82

4-Chlorotoluene

Concen: 2.391 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.05 min

Lab File: VY002550.D

Acq: 04 May 2020 18:39

Instrument :

MSVOA_Y

ClientSampleId :

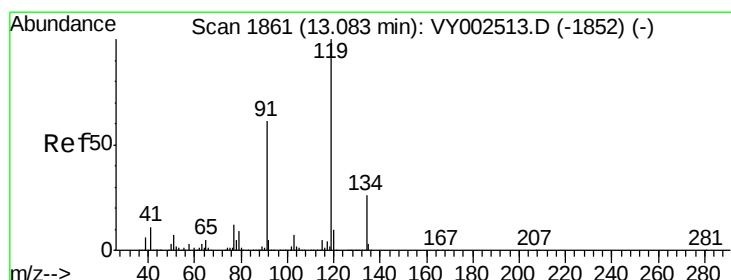
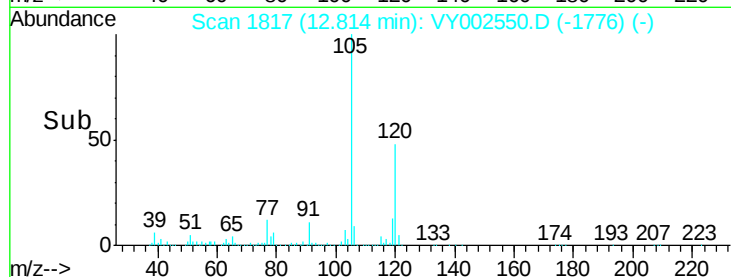
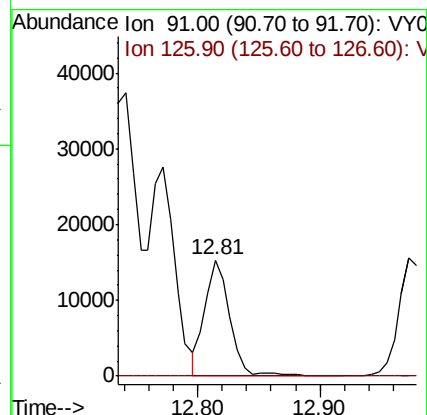
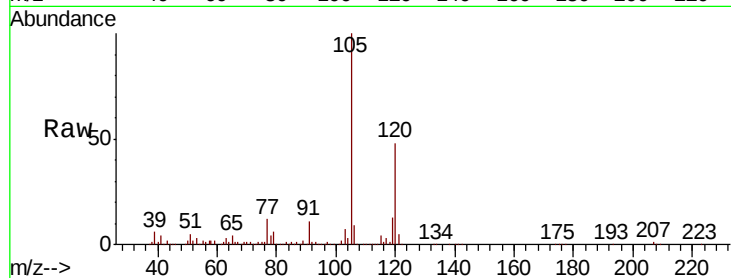
201-206

Tot Ion: 91 Resp: 21852

Ion Ratio Lower Upper

91 100

126 0.0 18.5 55.5#



#83

tert-Butylbenzene

Concen: 7.957 ug/l

RT: 13.13 min Scan# 1868

Delta R.T. 0.04 min

Lab File: VY002550.D

Acq: 04 May 2020 18:39

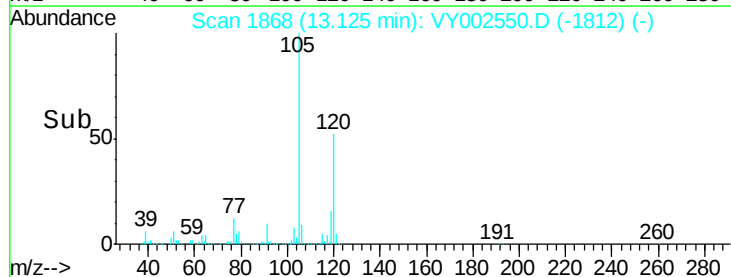
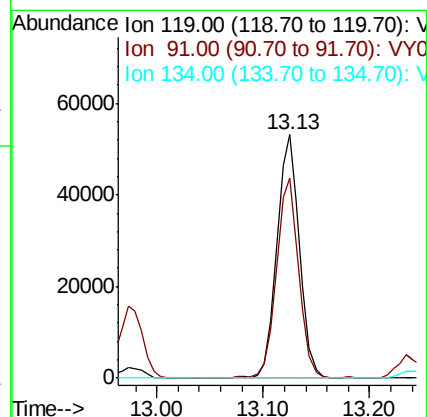
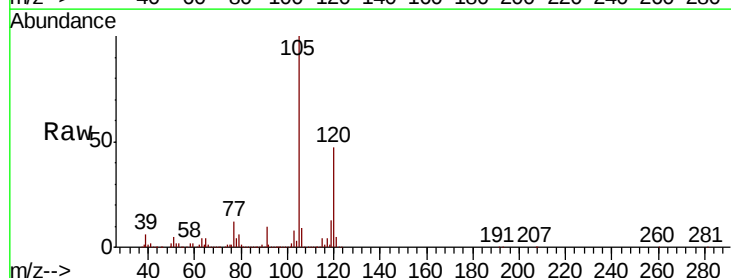
Tgt Ion: 119 Resp: 78292

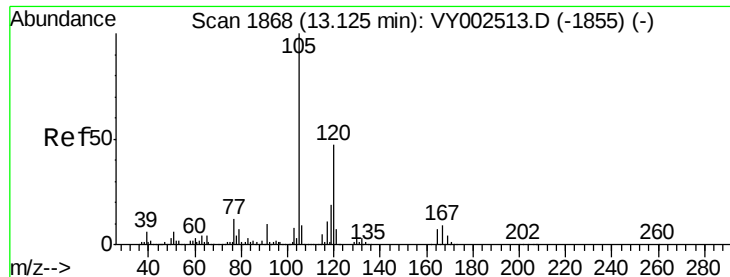
Ion Ratio Lower Upper

119 100

91 80.8 30.6 91.6

134 0.0 13.5 40.4#

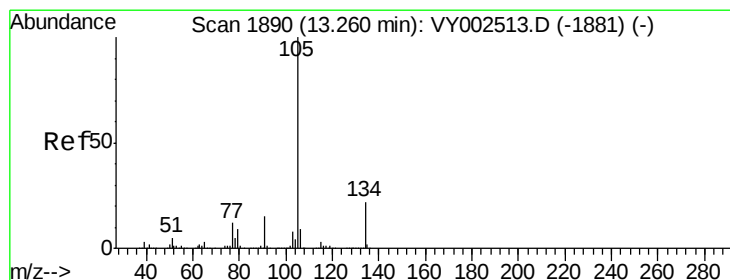
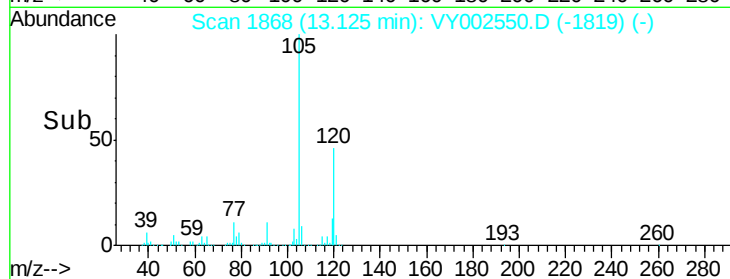
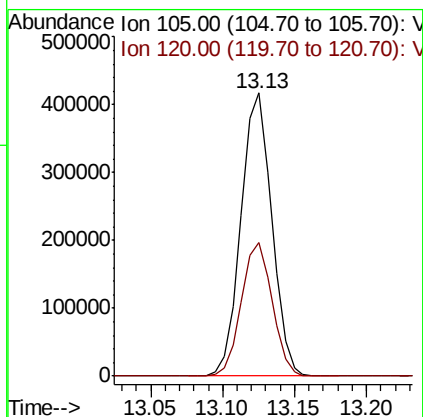
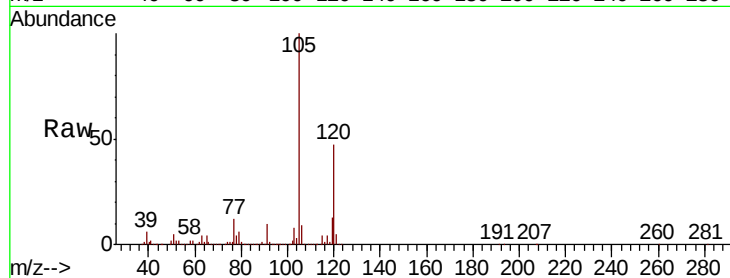




#84
 1,2,4-Trimethylbenzene
 Concen: 55.264 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VY002550.D
 Acq: 04 May 2020 18:39

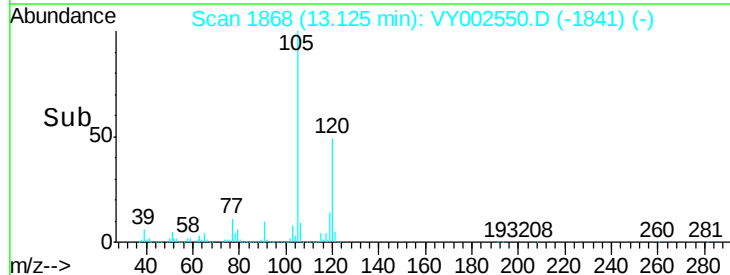
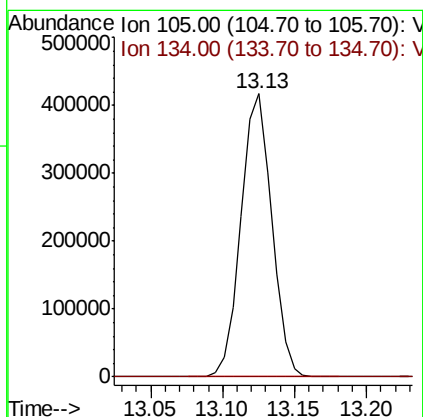
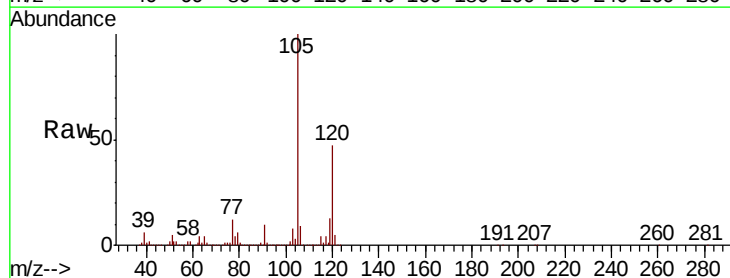
Instrument :
 MSVOA_Y
 ClientSampleId :
 201-206

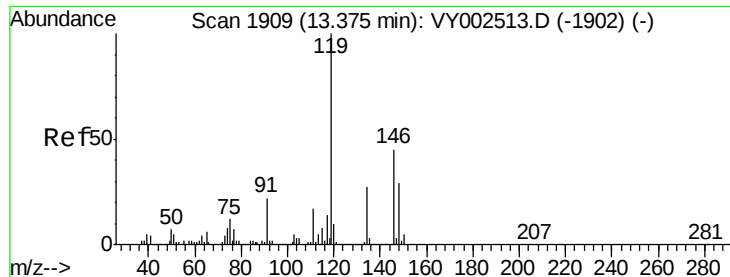
Tot Ion:105 Resp: 618036
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.4 70.3



#85
 sec-Butylbenzene
 Concen: 45.267 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.13 min
 Lab File: VY002550.D
 Acq: 04 May 2020 18:39

Tgt Ion:105 Resp: 618036
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.8 32.3#

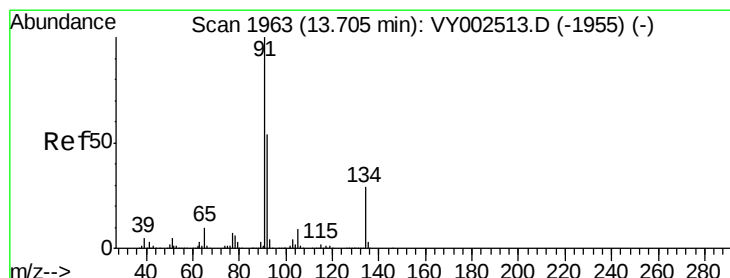
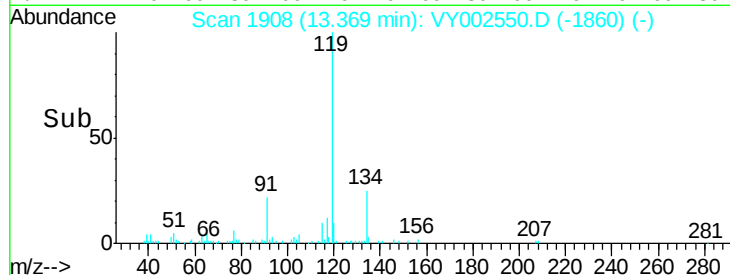
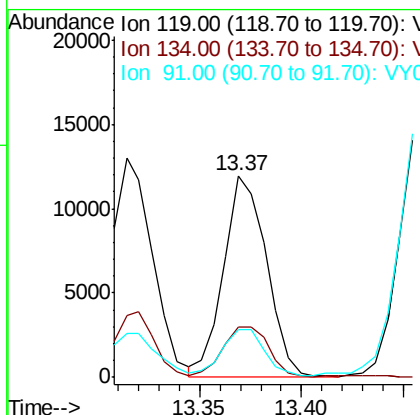
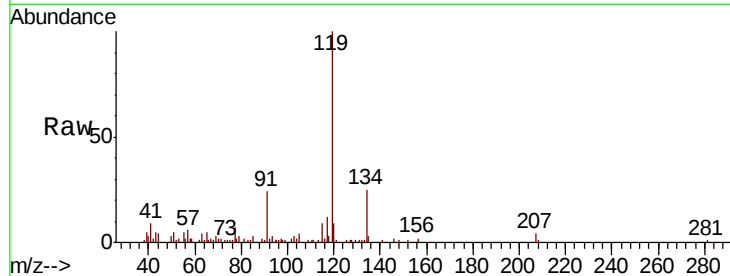




#86
p-Isopropyltoluene
Concen: 1.366 ug/l
RT: 13.37 min Scan# 1908
Delta R.T. -0.01 min
Lab File: VY002550.D
Acq: 04 May 2020 18:39

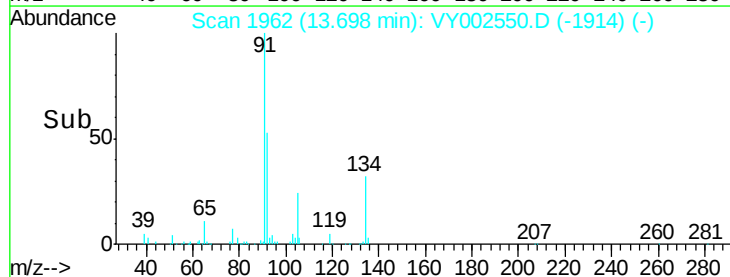
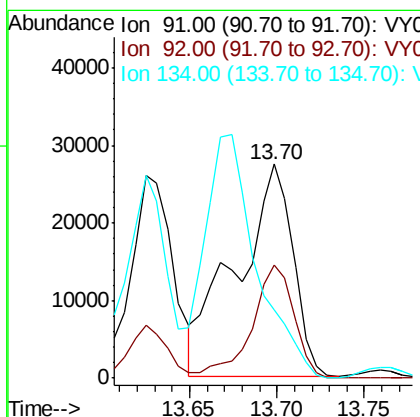
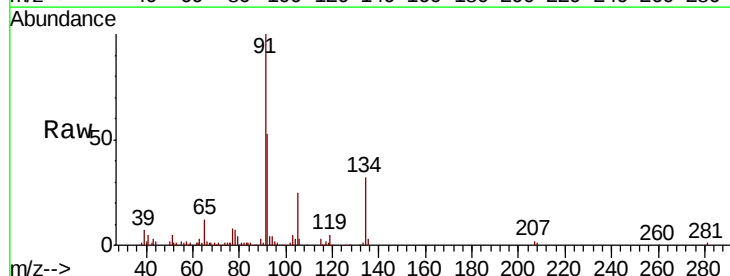
Instrument :
MSVOA_Y
ClientSampleId :
201-206

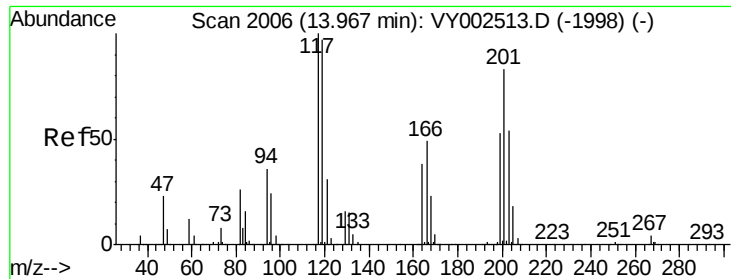
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.5	40.5
91	22.6	10.9	32.9



#89
n-Butylbenzene
Concen: 5.292 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY002550.D
Acq: 04 May 2020 18:39

Tgt Ion	Ratio	Lower	Upper
91	100		
92	39.7	27.1	81.3
134	0.0	14.4	43.0





#90

Hexachloroethane

Concen: 5.997 ug/l

RT: 13.98 min Scan# 2008

Delta R.T. 0.01 min

Lab File: VY002550.D

Acq: 04 May 2020 18:39

Instrument :

MSVOA_Y

ClientSampled :

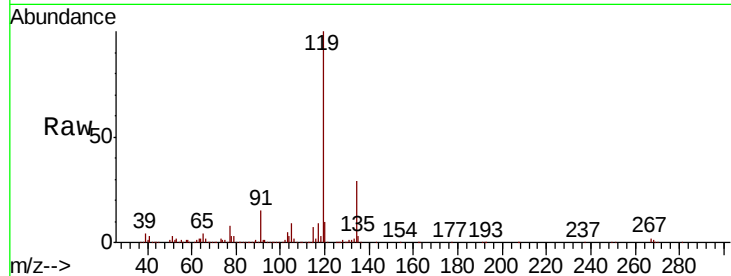
201-206

Tot Ion:117 Resp: 13971

Ion Ratio Lower Upper

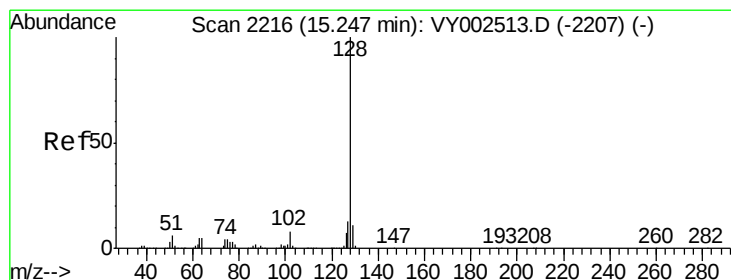
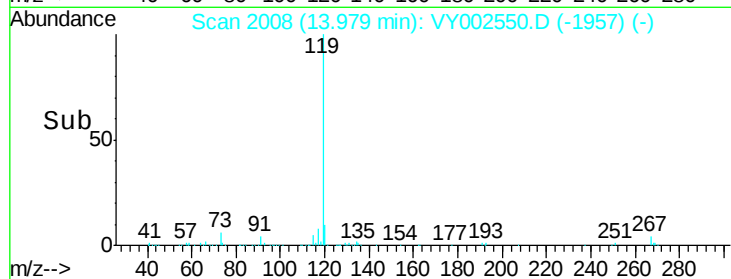
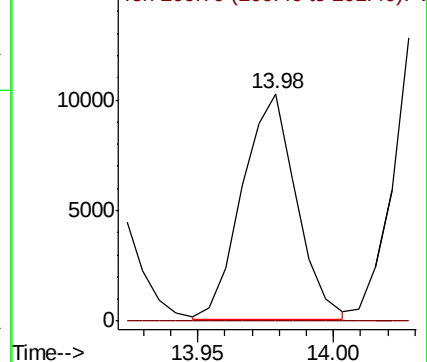
117 100

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



#95

Naphthalene

Concen: 15.228 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY002550.D

Acq: 04 May 2020 18:39

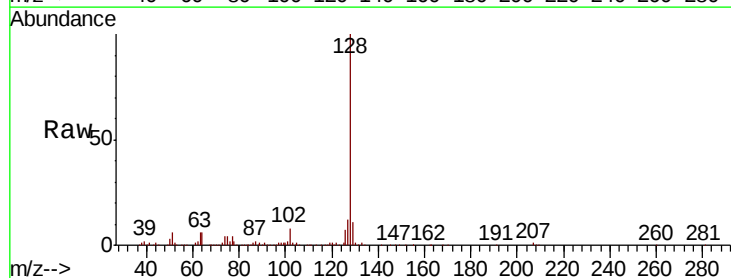
Tgt Ion:128 Resp: 115196

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

129 11.4 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

