

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120720\
 Data File : VY003672.D
 Acq On : 07 Dec 2020 14:57
 Operator : SY/MD
 Sample : L4824-06
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VBLK429

Quant Time: Dec 08 00:45:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL120720SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 08 00:43:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	251257	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	236462	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.43	152	124388	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	51580	19.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.84%
7) Chloroethane-d5	2.77	69	44609	21.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.00%
11) 1,1-Dichloroethene-d2	3.86	63	102654	18.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.64%
21) 2-Butanone-d5	6.91	46	61248	48.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.50%
24) Chloroform-d	7.49	84	128080	22.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.56%
26) 1,2-Dichloroethane-d4	8.15	65	71874	23.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.88%
32) Benzene-d6	8.12	84	266955	22.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	9.12	67	82036	23.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.20%
41) Toluene-d8	10.18	98	238373	22.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.52%
43) trans-1,3-Dichloropropene-	10.44	79	39373	23.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.28%
47) 2-Hexanone-d5	10.79	63	49641	49.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.60%
56) 1,1,2,2-Tetrachloroethane-	12.56	84	78007	23.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.96%
66) 1,2-Dichlorobenzene-d4	13.72	152	94794	23.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.84%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.91	85	22098	8.403	ug/L	99
3) Chloromethane	2.12	50	19084	6.327	ug/L	94
5) Vinyl chloride	2.26	62	42480	13.967	ug/L	90
6) Bromomethane	2.66	94	14534	7.431	ug/L	91
8) Chloroethane	2.80	64	10774	5.666	ug/L	97
9) Trichlorofluoromethane	3.14	101	38341	8.044	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	3.91	101	55650	17.730	ug/L #	77
12) 1,1-Dichloroethene	3.89	96	32548	10.885	ug/L #	78
15) Methyl Acetate	4.49	43	48750	22.115	ug/L #	83
16) Methylene chloride	4.73	84	64802	14.752	ug/L	98
18) Methyl tert-butyl Ether	5.23	73	336448	39.964	ug/L #	94
22) 2-Butanone	7.00	43	71898	46.741	ug/L	88
25) Chloroform	7.52	83	104423	18.473	ug/L	99
29) Cyclohexane	7.80	56	56690	11.244	ug/L	96
33) Benzene	8.17	78	430481	32.190	ug/L	100
34) Trichloroethene	8.94	95	141667	39.366	ug/L	96
37) 1,2-Dichloropropane	9.12	63	8629	2.582	ug/L #	84

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

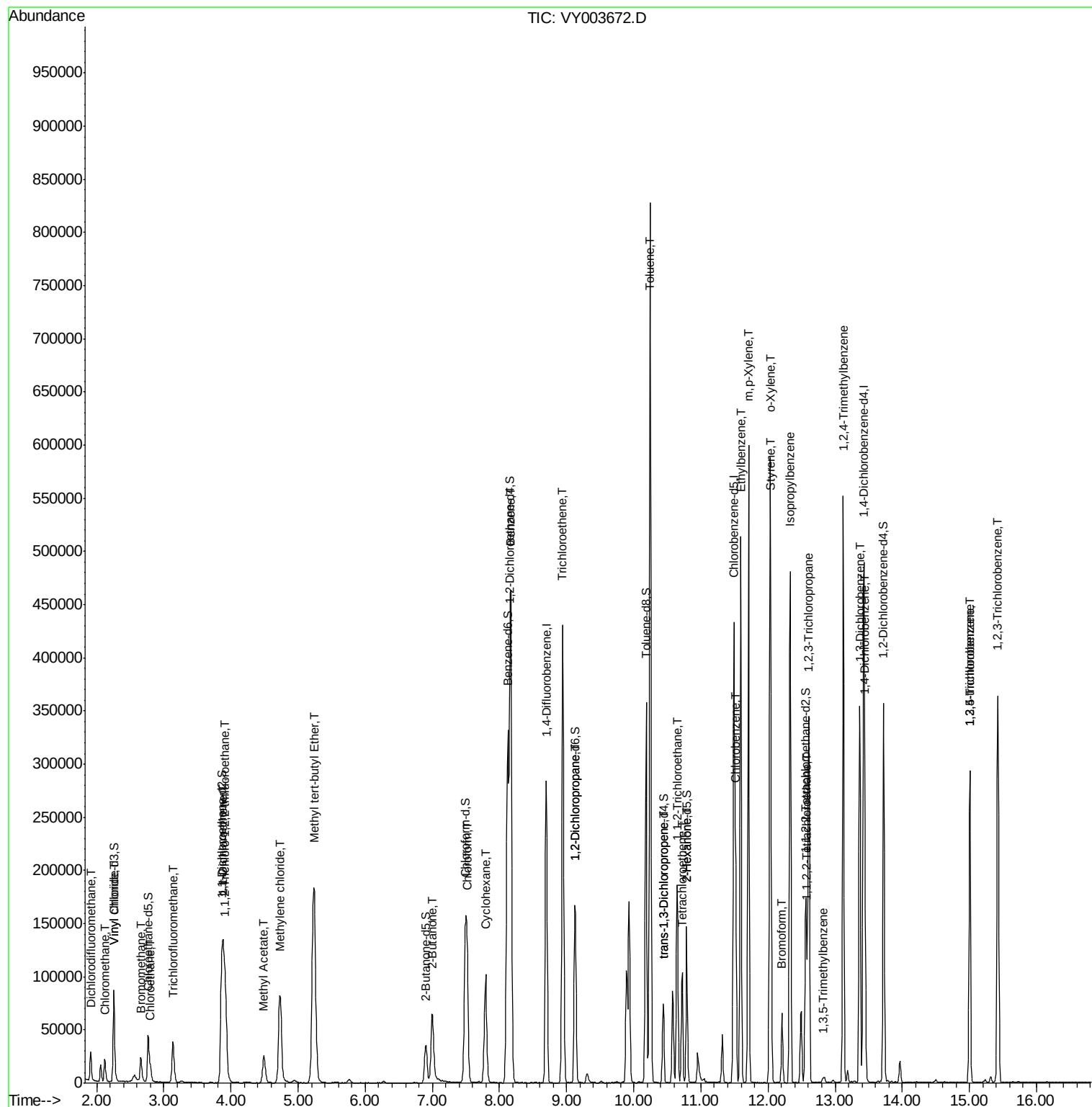
42) Toluene	10.25	91	600770	42.175	ug/L	100
44) trans-1,3-Dichloropropene	10.43	75	2050	0.418	ug/L	91
45) 1,1,2-Trichloroethane	10.65	97	58337	19.998	ug/L	93
46) Tetrachloroethene	10.72	164	23146	8.005	ug/L	95
48) 2-Hexanone	10.79	43	5203	2.467	ug/L #	61
51) Chlorobenzene	11.52	112	109418	11.622	ug/L	96
52) Ethylbenzene	11.59	91	348660	22.689	ug/L	98
53) m,p-Xylene	11.71	106	160631	26.731	ug/L	99
54) o-Xylene	12.03	106	135671	23.625	ug/L	97
55) Styrene	12.04	104	100503	10.247	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.58	83	39043	12.336	ug/L	98
59) Bromoform	12.21	173	28333	12.223	ug/L #	93
60) Isopropylbenzene	12.33	105	297625	19.675	ug/L	99
61) 1,2,3-Trichloropropane	12.61	75	11887	4.284	ug/L #	1
62) 1,3,5-Trimethylbenzene	12.81	105	1417	0.118	ug/L	94
63) 1,2,4-Trimethylbenzene	13.12	105	291382	24.454	ug/L	99
64) 1,3-Dichlorobenzene	13.37	146	146849	20.028	ug/L	95
65) 1,4-Dichlorobenzene	13.45	146	74405	10.021	ug/L	97
69) 1,3,5-Trichlorobenzene	15.01	180	90358	17.387	ug/L	97
70) 1,2,4-trichlorobenzene	15.01	180	90358	20.454	ug/L	95
72) 1,2,3-Trichlorobenzene	15.43	180	122682	30.282	ug/L	98

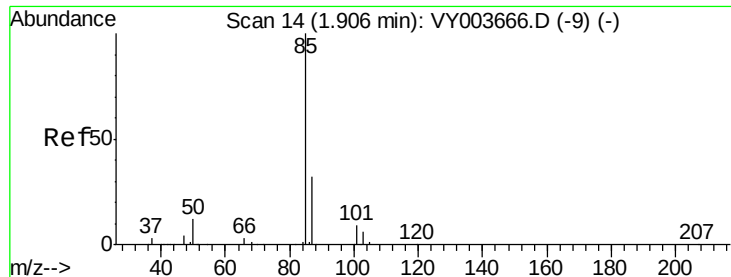
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 8.403 ug/L

RT: 1.91 min Scan# 14

Delta R.T. -0.00 min

Lab File: VY003672.D

Acq: 07 Dec 2020 14:57

Instrument :

MSVOA_Y

ClientSampleId :

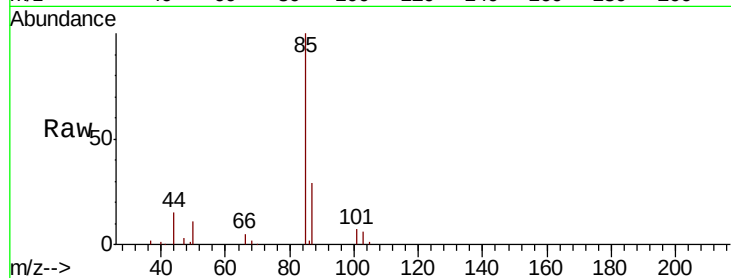
VBLK429

Tot Ion: 85 Resp: 22098

Ion Ratio Lower Upper

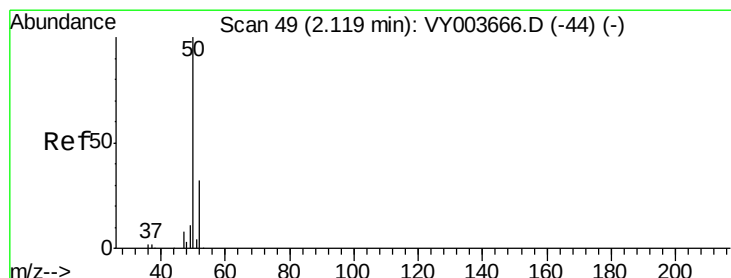
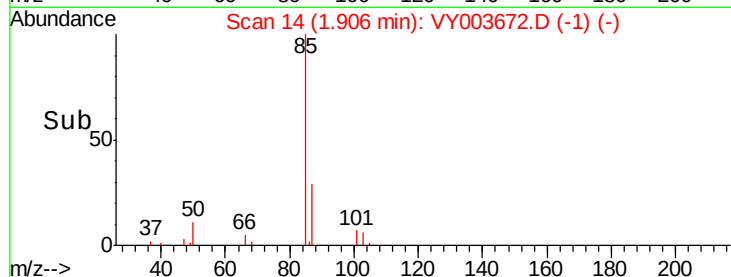
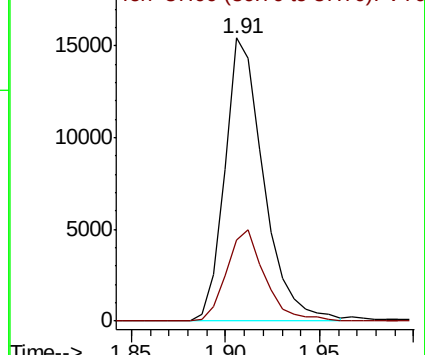
85 100

87 31.9 25.1 37.7



Abundance Ion 85.00 (84.70 to 85.70): VY0

Ion 87.00 (86.70 to 87.70): VY0



#3

Chloromethane

Concen: 6.327 ug/L

RT: 2.12 min Scan# 49

Delta R.T. -0.00 min

Lab File: VY003672.D

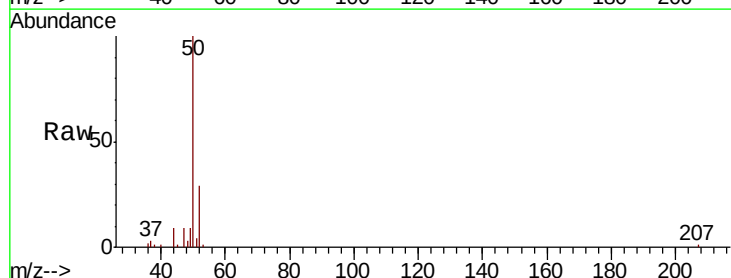
Acq: 07 Dec 2020 14:57

Tgt Ion: 50 Resp: 19084

Ion Ratio Lower Upper

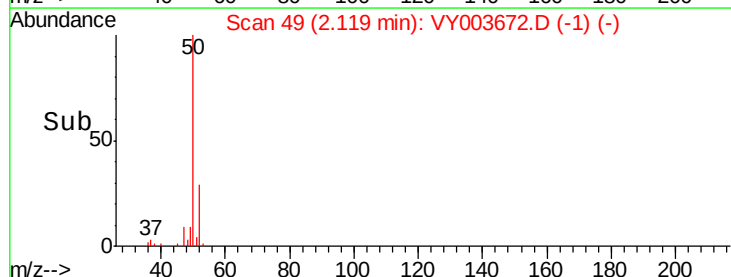
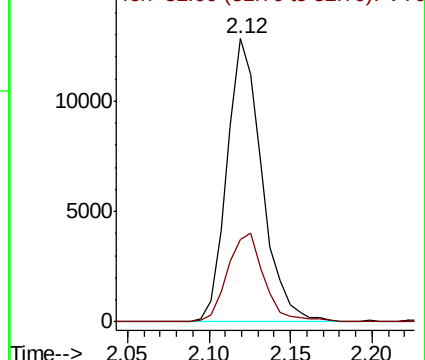
50 100

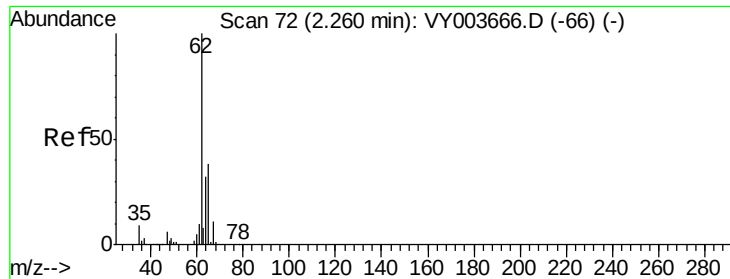
52 29.3 22.7 42.1



Abundance Ion 50.00 (49.70 to 50.70): VY0

Ion 52.00 (51.70 to 52.70): VY0





#5

Vinyl chloride

Concen: 13.967 ug/L

RT: 2.26 min Scan# 72

Delta R.T. -0.00 min

Lab File: VY003672.D

Acq: 07 Dec 2020 14:57

Instrument :

MSVOA_Y

ClientSampleId :

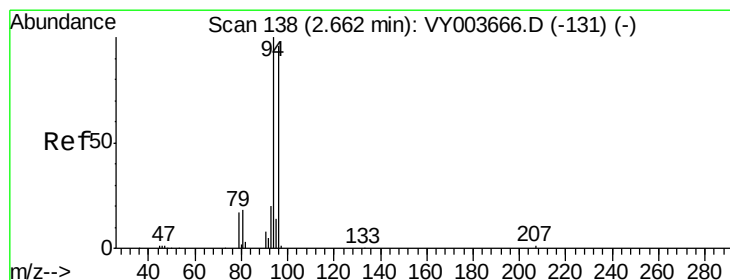
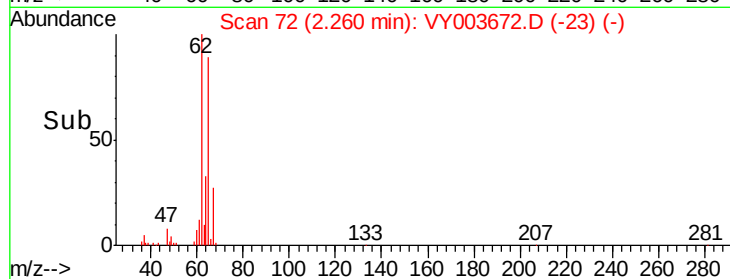
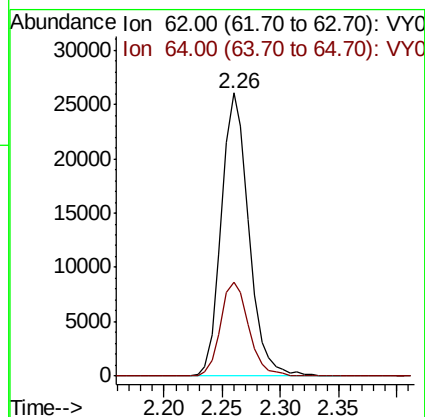
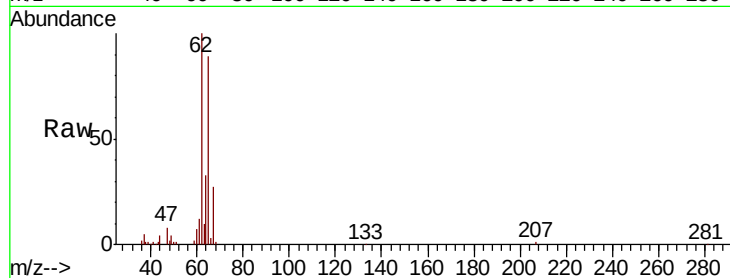
VBLK429

Tot Ion: 62 Resp: 42480

Ion Ratio Lower Upper

62 100

64 33.0 19.6 36.4



#6

Bromomethane

Concen: 7.431 ug/L

RT: 2.66 min Scan# 137

Delta R.T. -0.01 min

Lab File: VY003672.D

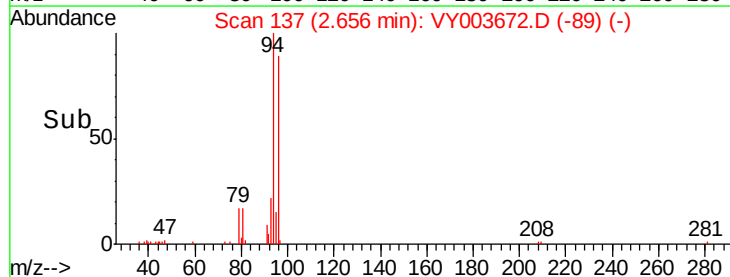
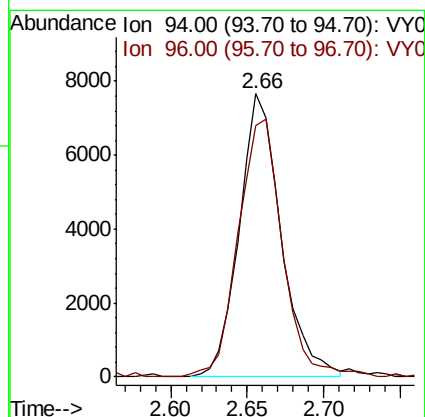
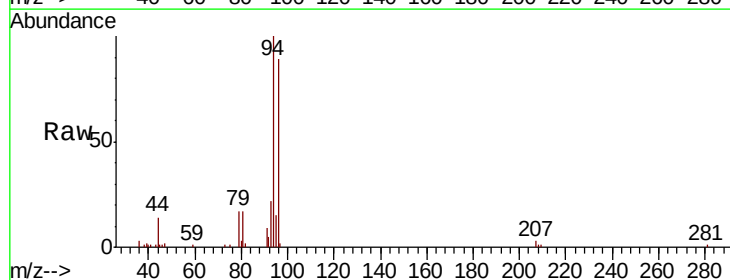
Acq: 07 Dec 2020 14:57

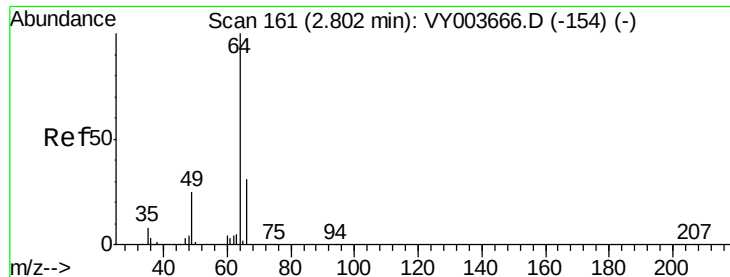
Tgt Ion: 94 Resp: 14534

Ion Ratio Lower Upper

94 100

96 88.7 56.6 105.2





#8

Chloroethane

Concen: 5.666 ug/L

RT: 2.80 min Scan# 161

Delta R.T. -0.00 min

Lab File: VY003672.D

Acq: 07 Dec 2020 14:57

Instrument :

MSVOA_Y

ClientSampleId :

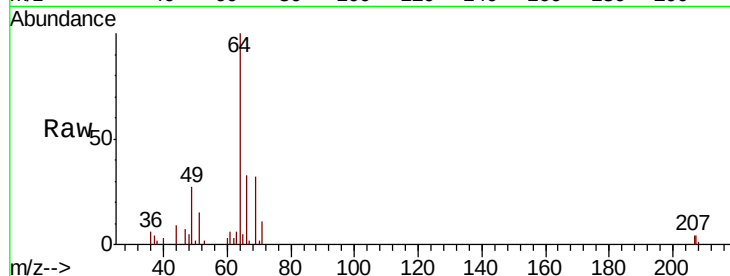
VBLK429

Tot Ion: 64 Resp: 10774

Ion Ratio Lower Upper

64 100

66 33.0 24.4 45.2



Abundance Ion 64.00 (63.70 to 64.70): VY003666.D (-154) (-)

Ion 66.00 (65.70 to 66.70): VY003666.D (-154) (-)

2.80

6000

5000

4000

3000

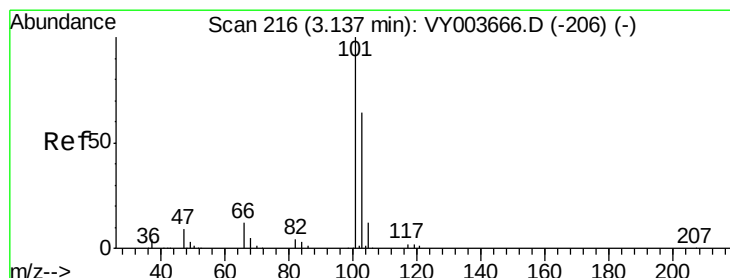
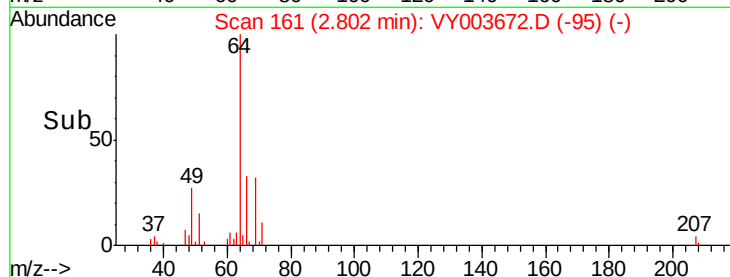
2000

1000

0

2.75 2.80 2.85

Time-->



#9

Trichlorofluoromethane

Concen: 8.044 ug/L

RT: 3.14 min Scan# 216

Delta R.T. -0.00 min

Lab File: VY003672.D

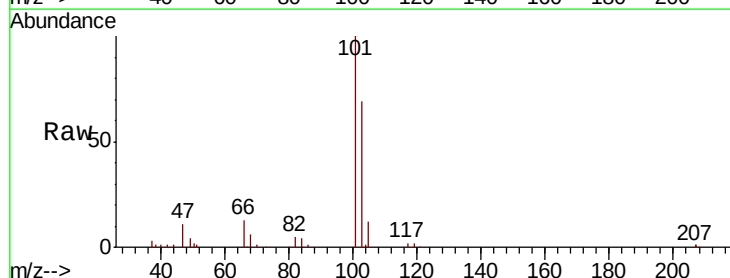
Acq: 07 Dec 2020 14:57

Tgt Ion: 101 Resp: 38341

Ion Ratio Lower Upper

101 100

103 66.6 52.3 78.5



Abundance Ion 101.00 (100.70 to 101.70): VY003666.D (-206) (-)

Ion 103.00 (102.70 to 103.70): VY003666.D (-206) (-)

3.14

15000

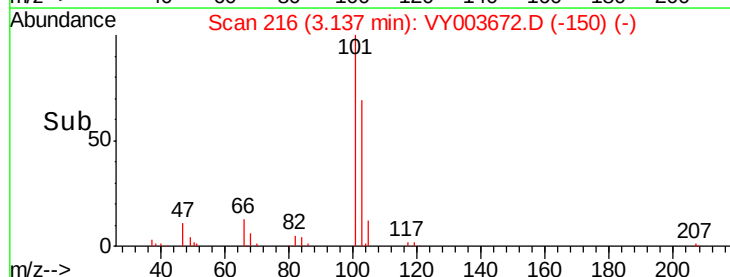
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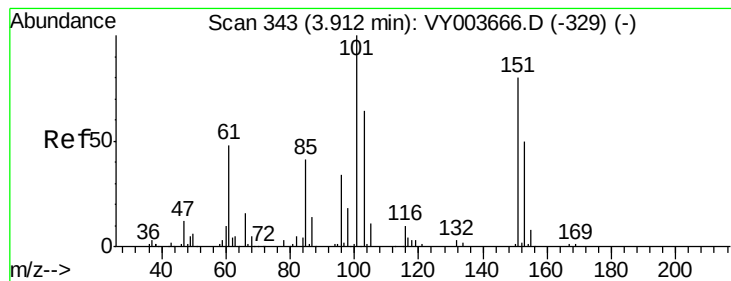
5000

0

3.05 3.10 3.15 3.20

Time-->





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 17.730 ug/L

RT: 3.91 min Scan# 343

Delta R.T. -0.00 min

Lab File: VY003672.D

Acq: 07 Dec 2020 14:57

Instrument :

MSVOA_Y

ClientSampleId :

VBLK429

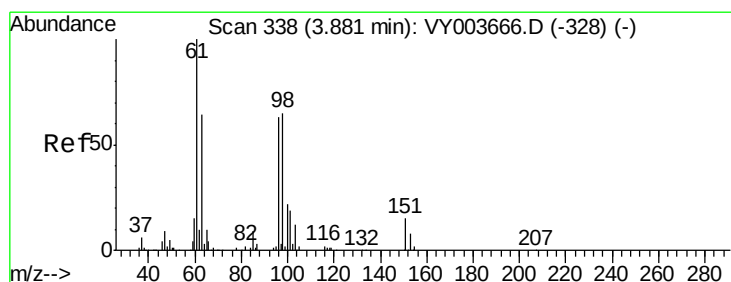
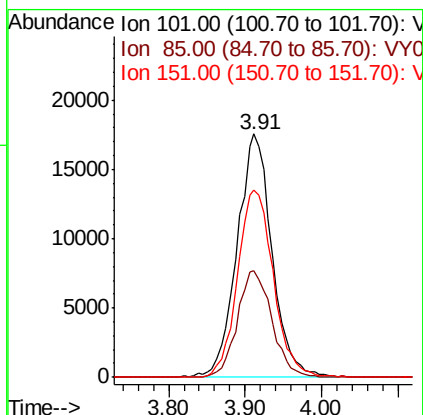
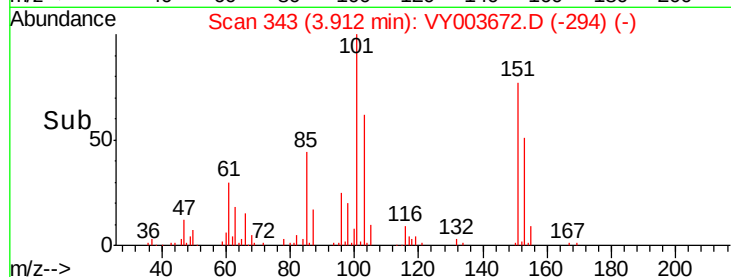
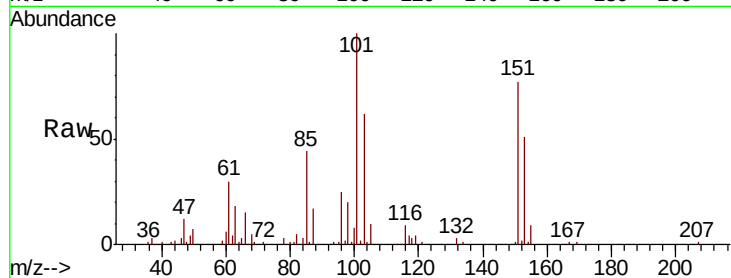
Tot Ion:101 Resp: 55650

Ion Ratio Lower Upper

101 100

85 43.2 35.1 52.7

151 78.6 39.9 59.9#



#12

1,1-Dichloroethene

Concen: 10.885 ug/L

RT: 3.89 min Scan# 339

Delta R.T. 0.01 min

Lab File: VY003672.D

Acq: 07 Dec 2020 14:57

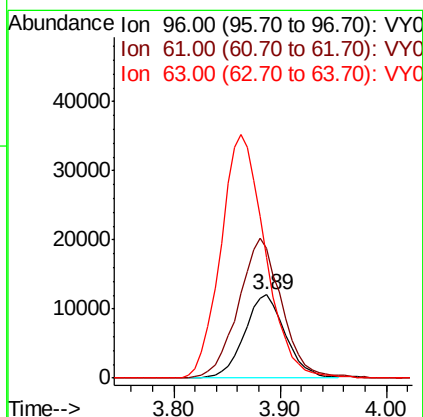
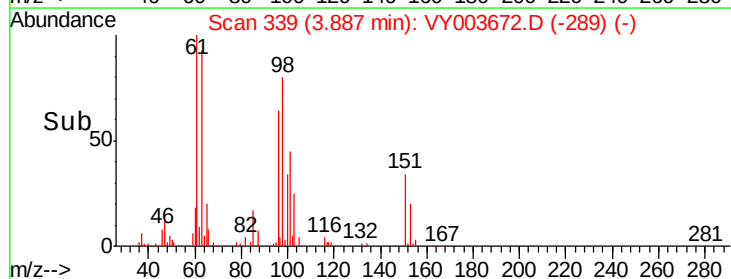
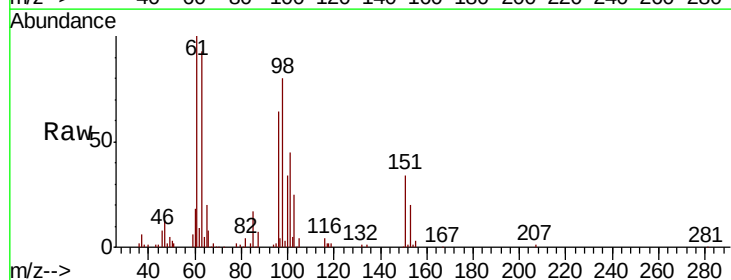
Tgt Ion: 96 Resp: 32548

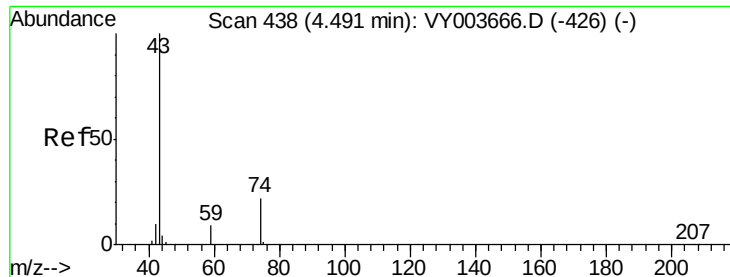
Ion Ratio Lower Upper

96 100

61 155.7 108.6 201.8

63 144.0 61.0 113.2#

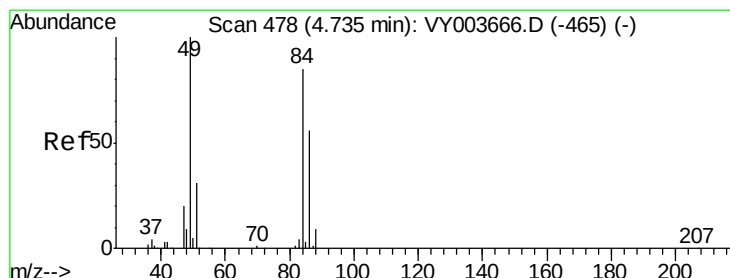
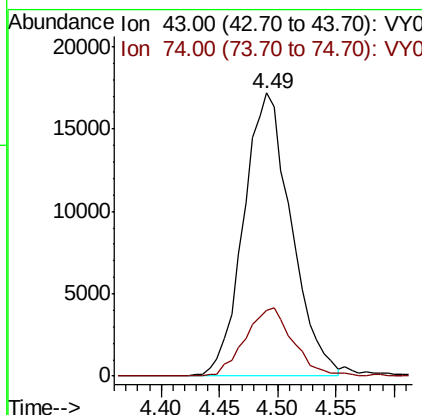
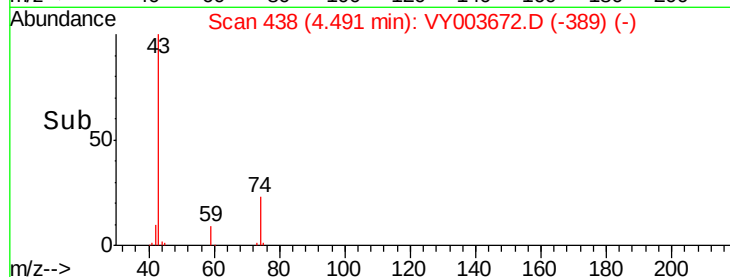
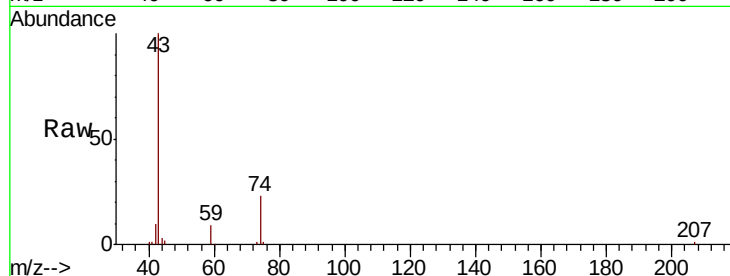




#15
Methvl Acetate
Concen: 22.115 ug/L
RT: 4.49 min Scan# 438
Delta R.T. -0.00 min
Lab File: VY003672.D
Acq: 07 Dec 2020 14:57

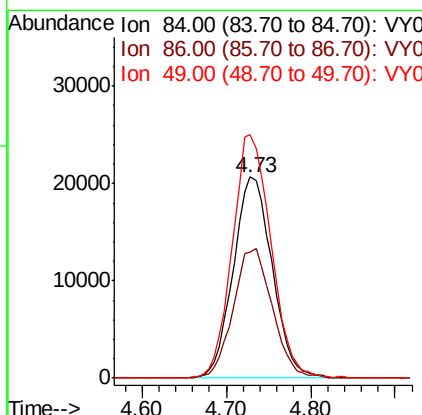
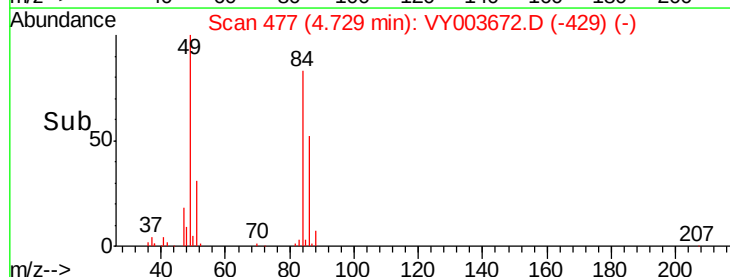
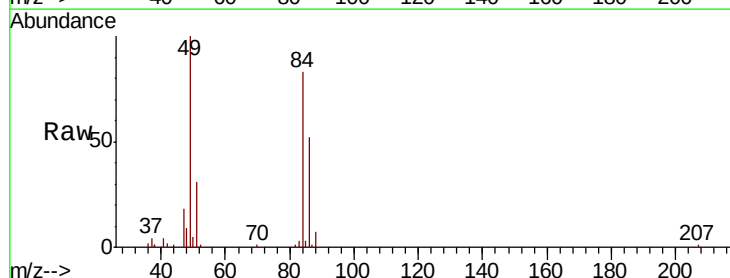
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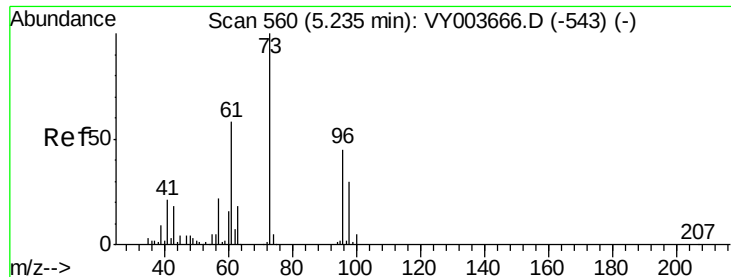
Tot Ion: 43 Resp: 48750
Ion Ratio Lower Upper
43 100
74 24.1 13.4 20.2#



#16
Methylene chloride
Concen: 14.752 ug/L
RT: 4.73 min Scan# 477
Delta R.T. -0.01 min
Lab File: VY003672.D
Acq: 07 Dec 2020 14:57

Tgt Ion: 84 Resp: 64802
Ion Ratio Lower Upper
84 100
86 62.6 45.2 84.0
49 121.1 83.1 154.3



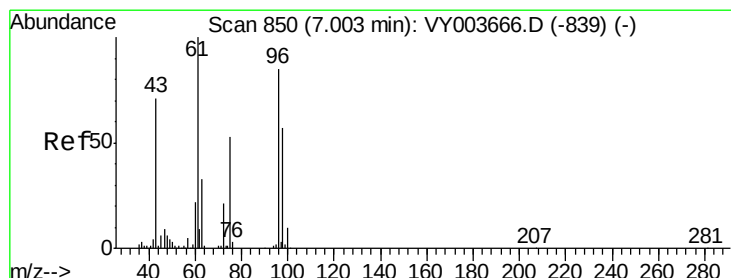
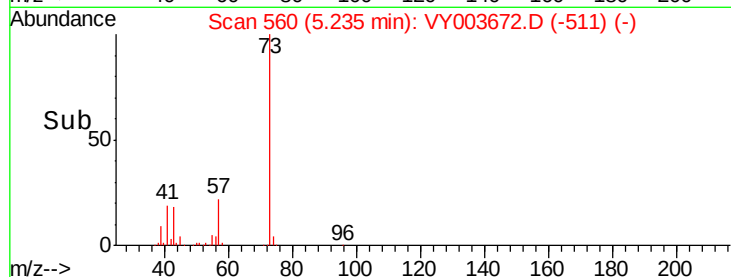
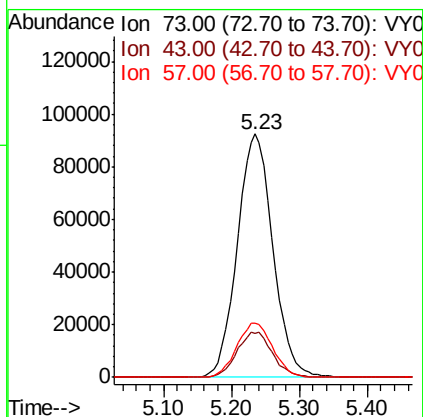
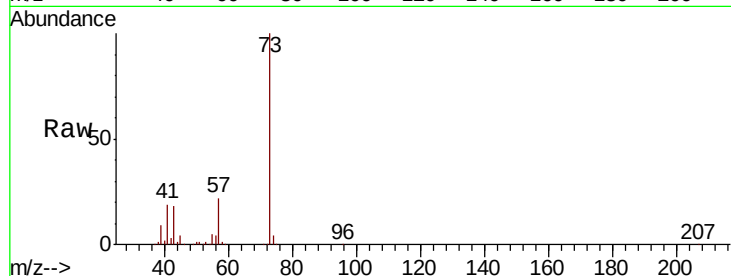


#18

Methyl tert-butyl Ether
 Concen: 39.964 ug/L
 RT: 5.23 min Scan# 560
 Delta R.T. -0.00 min
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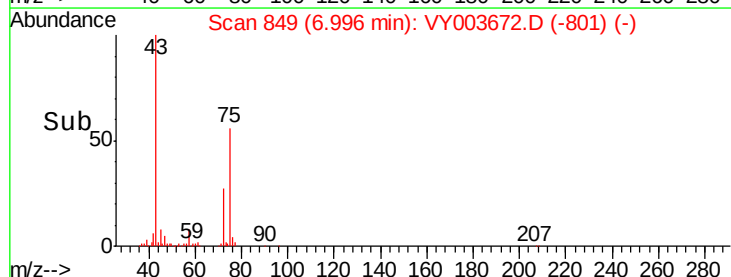
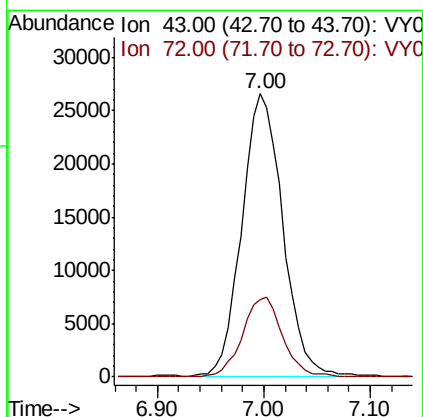
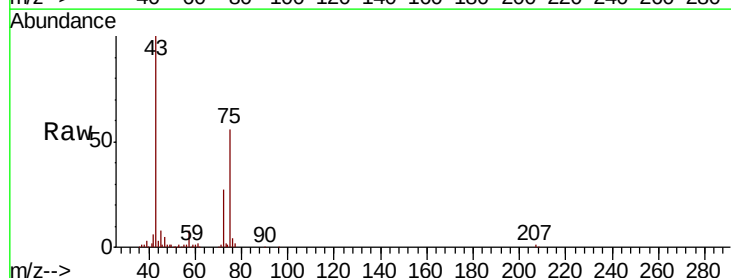
Tot Ion	Ratio	Lower	Upper
73	100		
43	18.6	10.2	15.4#
57	22.3	18.3	27.5

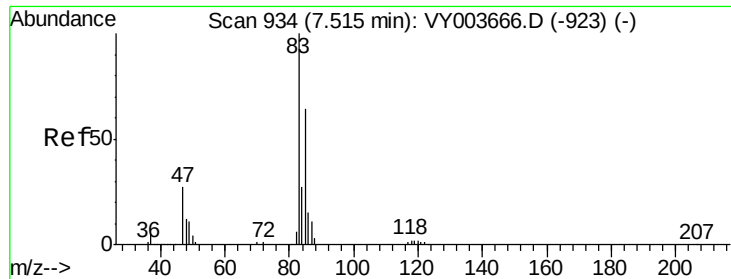


#22

2-Butanone
 Concen: 46.741 ug/L
 RT: 7.00 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: VY003672.D
 Acq: 07 Dec 2020 14:57

Tgt Ion	Ratio	Lower	Upper
43	100		
72	27.1	10.8	32.4

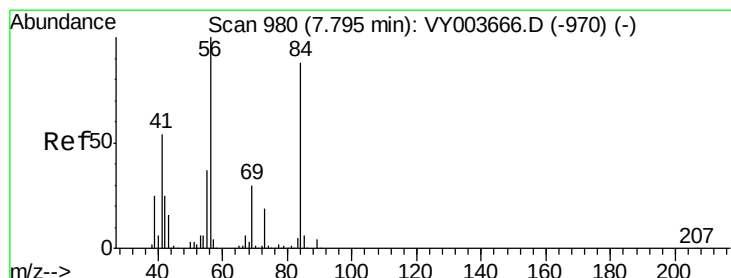
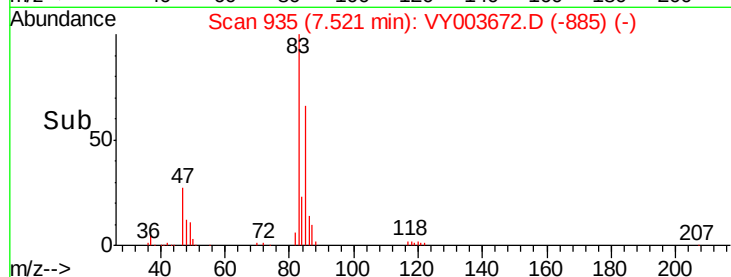
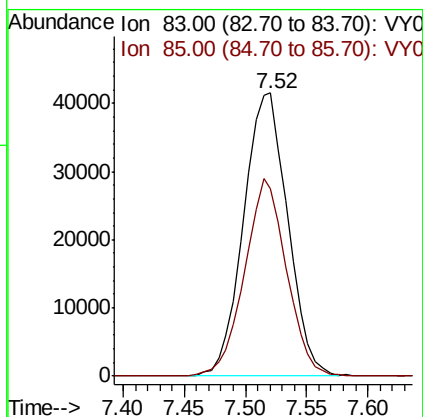
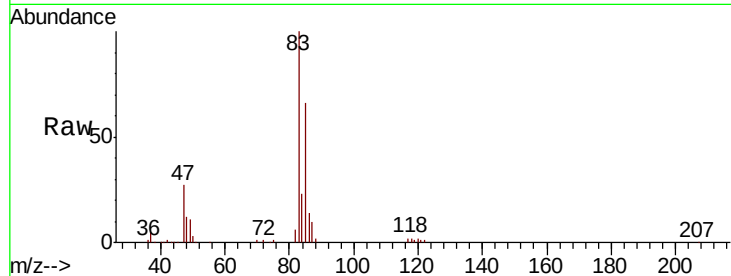




#25
Chloroform
Concen: 18.473 ug/L
RT: 7.52 min Scan# 935
Delta R.T. 0.01 min
Lab File: VY003672.D
Acq: 07 Dec 2020 14:57

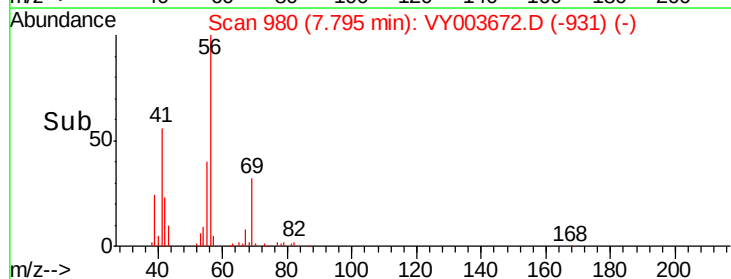
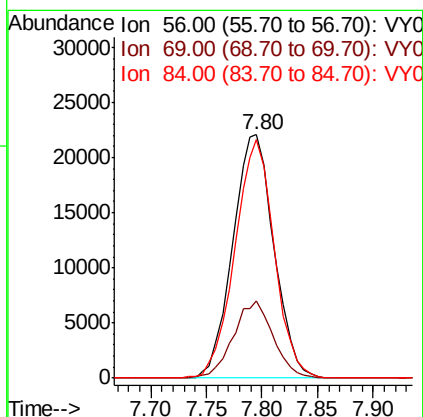
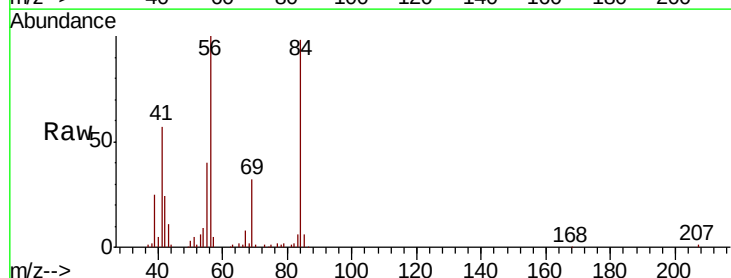
Instrument :
MSVOA_Y
ClientSampleId :
VBLK429

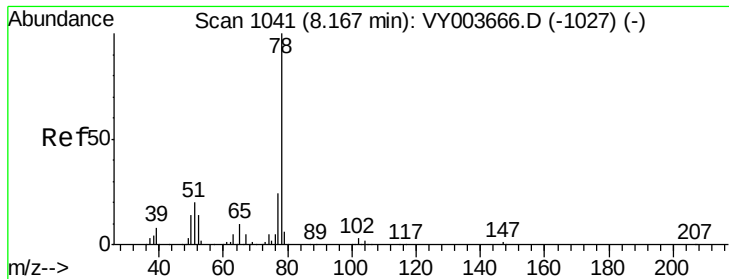
Tot Ion: 83 Resp: 104423
Ion Ratio Lower Upper
83 100
85 66.1 46.6 86.6



#29
Cyclohexane
Concen: 11.244 ug/L
RT: 7.80 min Scan# 980
Delta R.T. -0.00 min
Lab File: VY003672.D
Acq: 07 Dec 2020 14:57

Tgt Ion: 56 Resp: 56690
Ion Ratio Lower Upper
56 100
69 30.6 25.1 37.7
84 93.4 70.6 105.8





#33

Benzene

Concen: 32.190 ug/L

RT: 8.17 min Scan# 1041

Delta R.T. -0.00 min

Lab File: VY003672.D

Acq: 07 Dec 2020 14:57

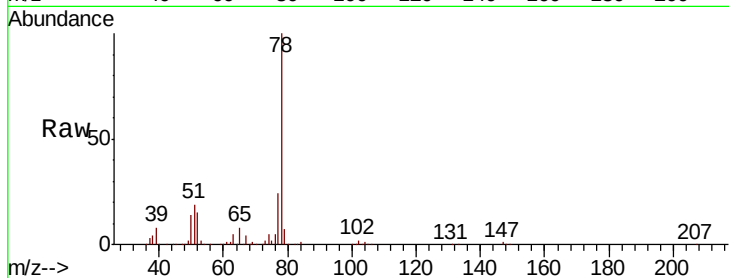
Instrument :

MSVOA_Y

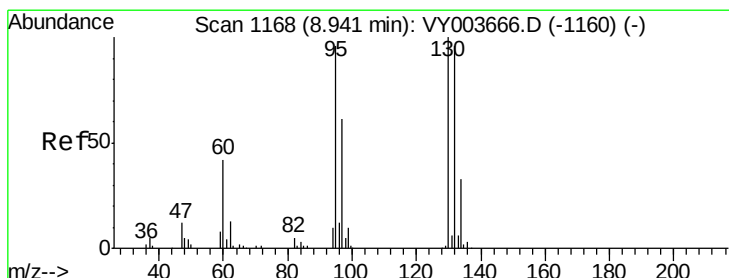
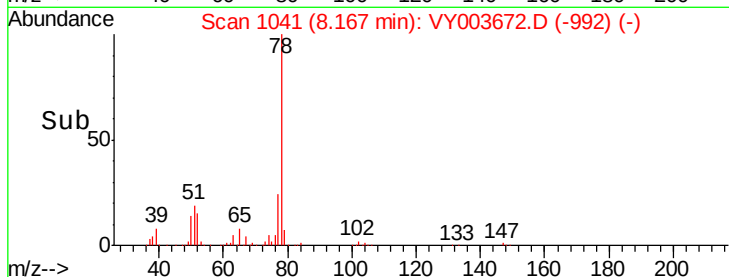
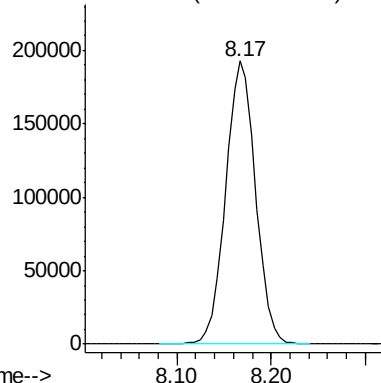
ClientSampleId :

VBLK429

Tgt Ion: 78 Resp: 430481



Abundance Ion 78.00 (77.70 to 78.70): VY0



#34

Trichloroethene

Concen: 39.366 ug/L

RT: 8.94 min Scan# 1168

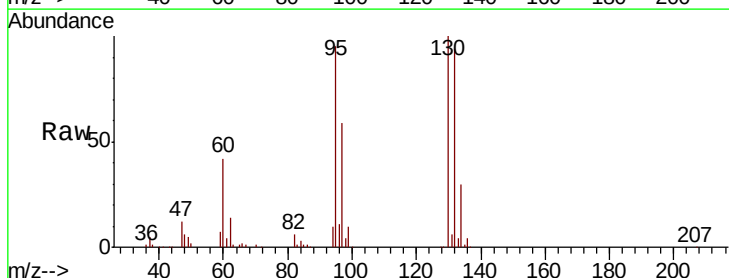
Delta R.T. -0.00 min

Lab File: VY003672.D

Acq: 07 Dec 2020 14:57

Tgt Ion: 95 Resp: 141667

Ion	Ratio	Lower	Upper
95	100		
97	62.4	46.5	86.5
132	99.0	67.5	125.3
130	105.4	77.3	143.5

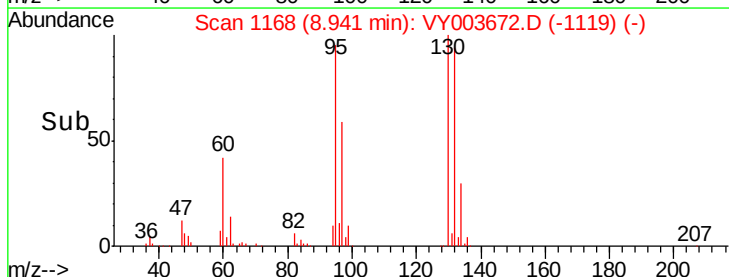


Abundance Ion 95.00 (94.70 to 95.70): VY0

Ion 97.00 (96.70 to 97.70): VY0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

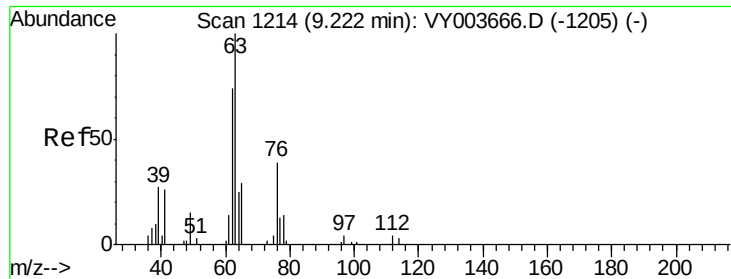


Abundance Ion 95.00 (94.70 to 95.70): VY0

Ion 97.00 (96.70 to 97.70): VY0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#37

1,2-Dichloropropane

Concen: 2.582 ug/L

RT: 9.12 min Scan# 1198

Delta R.T. -0.10 min

Lab File: VY003672.D

Acq: 07 Dec 2020 14:57

Instrument :

MSVOA_Y

ClientSampleId :

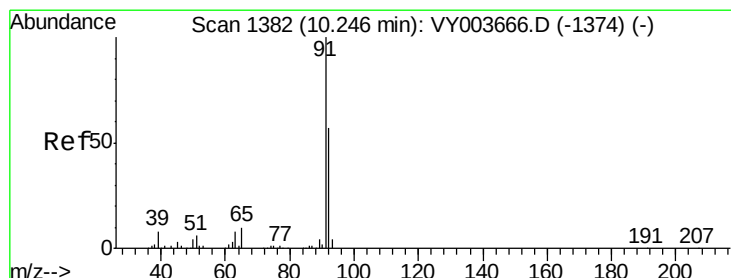
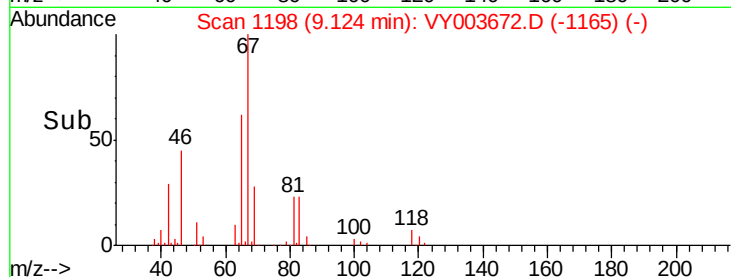
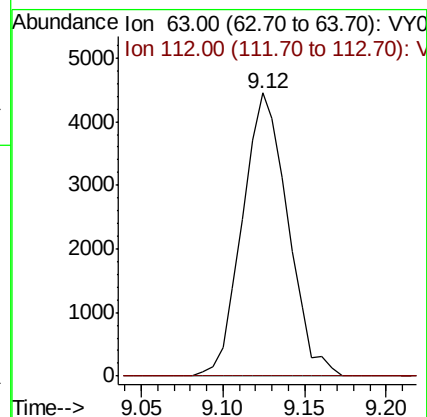
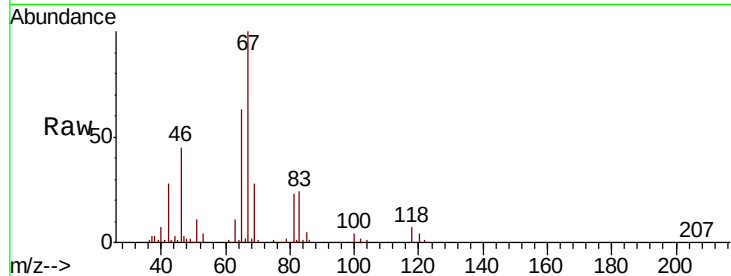
VBLK429

Tot Ion: 63 Resp: 8629

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#



#42

Toluene

Concen: 42.175 ug/L

RT: 10.25 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VY003672.D

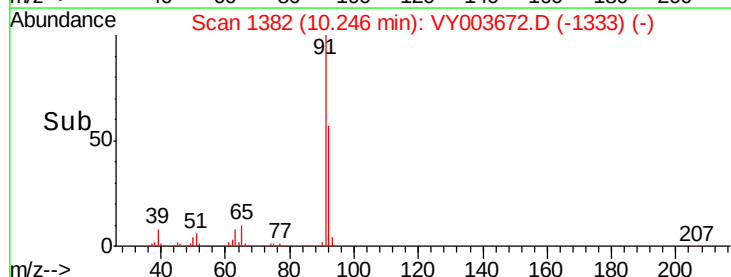
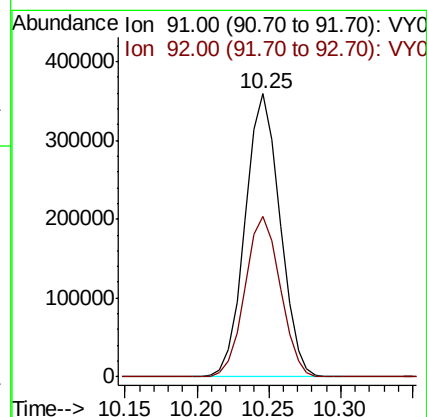
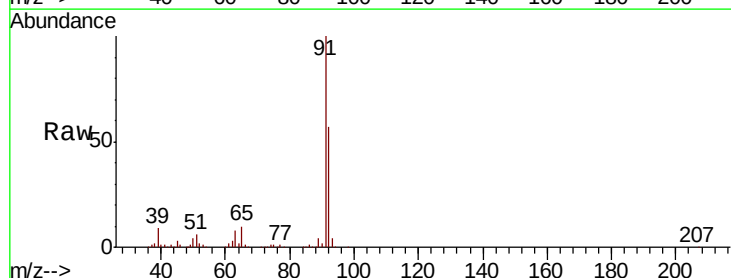
Acq: 07 Dec 2020 14:57

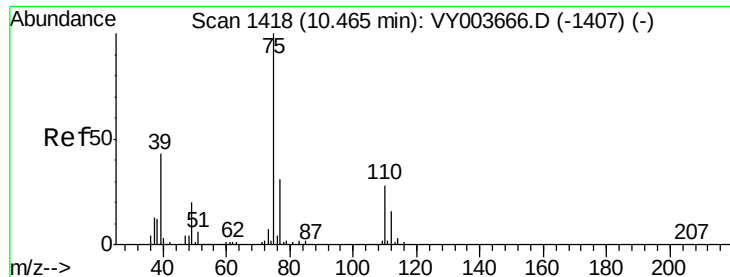
Tgt Ion: 91 Resp: 600770

Ion Ratio Lower Upper

91 100

92 56.6 39.5 73.3





#44

trans-1,3-Dichloropropene

Concen: 0.418 ug/L

RT: 10.43 min Scan# 1413

Delta R.T. -0.03 min

Lab File: VY003672.D

Acq: 07 Dec 2020 14:57

Instrument :

MSVOA_Y

ClientSampled :

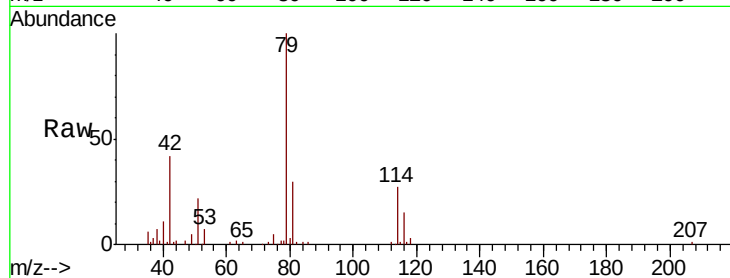
VBLK429

Tot Ion: 75 Resp: 2050

Ion Ratio Lower Upper

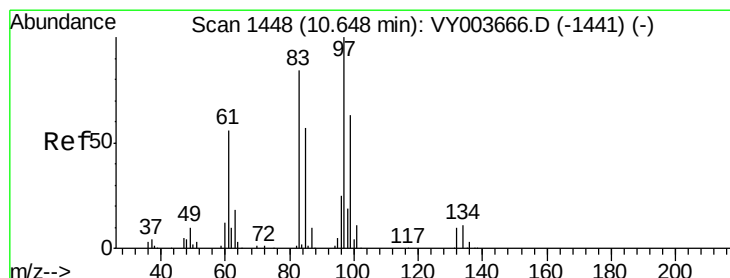
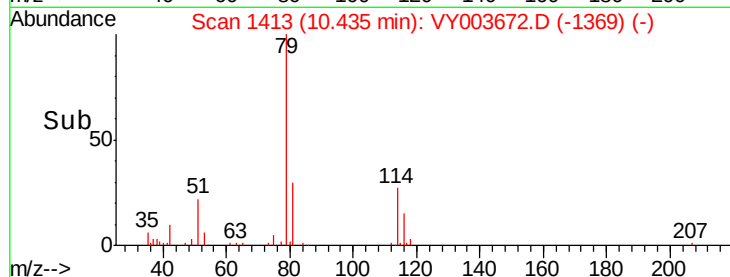
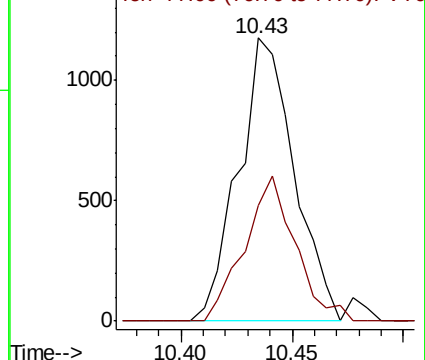
75 100

77 40.7 24.7 45.9



Abundance Ion 75.00 (74.70 to 75.70): VY0

Ion 77.00 (76.70 to 77.70): VY0



#45

1,1,2-Trichloroethane

Concen: 19.998 ug/L

RT: 10.65 min Scan# 1448

Delta R.T. -0.00 min

Lab File: VY003672.D

Acq: 07 Dec 2020 14:57

Tgt Ion: 97 Resp: 58337

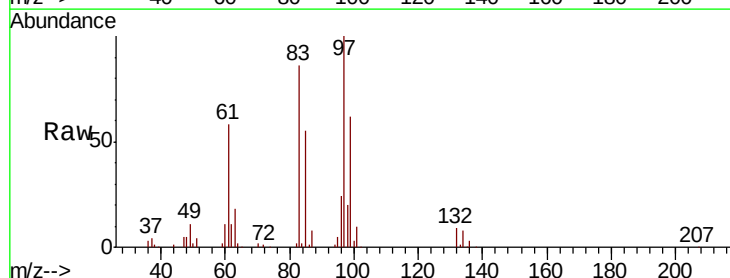
Ion Ratio Lower Upper

97 100

99 62.3 48.2 89.6

83 86.4 64.8 120.3

85 54.9 35.1 65.1

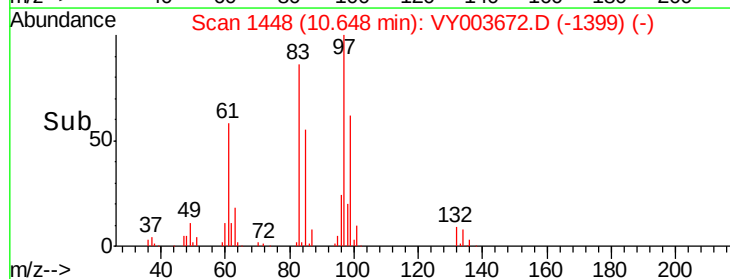
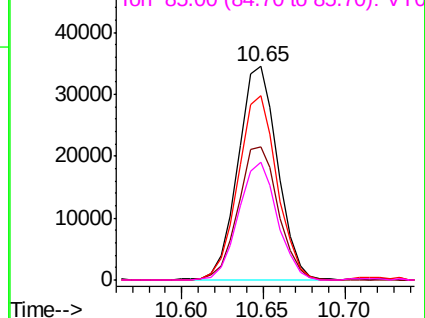


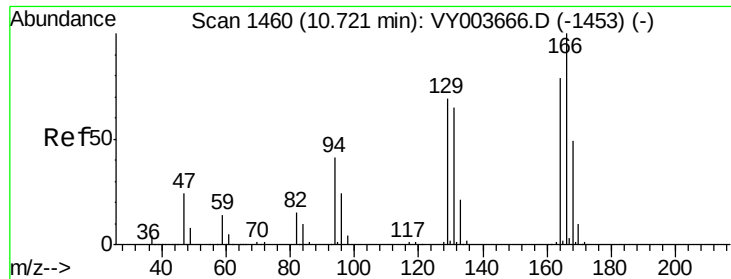
Abundance Ion 97.00 (96.70 to 97.70): VY0

Ion 99.00 (98.70 to 99.70): VY0

Ion 83.00 (82.70 to 83.70): VY0

Ion 85.00 (84.70 to 85.70): VY0





#46

Tetrachloroethene

Concen: 8.005 ug/L

RT: 10.72 min Scan# 1460

Delta R.T. -0.00 min

Lab File: VY003672.D

Acq: 07 Dec 2020 14:57

Instrument :

MSVOA_Y

ClientSampleId :

VBLK429

Tot Ion:164 Resp: 23146

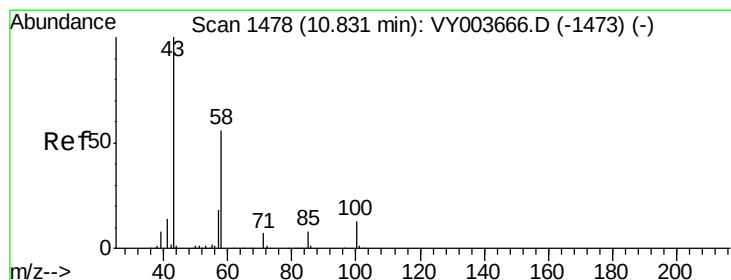
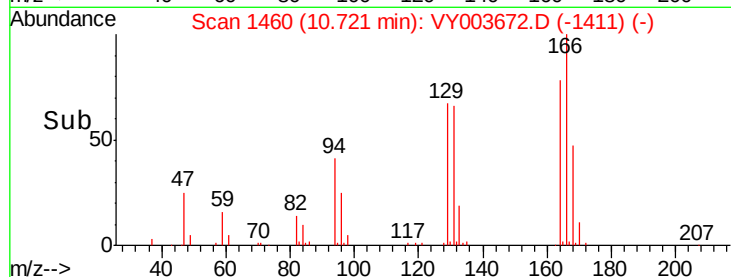
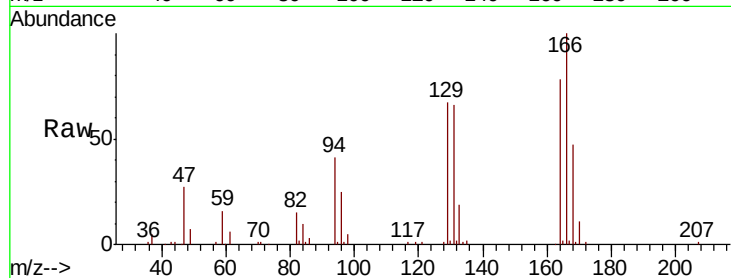
Ion Ratio Lower Upper

164 100

129 86.0 53.4 99.2

131 85.2 60.8 112.8

166 128.3 87.2 162.0



#48

2-Hexanone

Concen: 2.467 ug/L

RT: 10.79 min Scan# 1471

Delta R.T. -0.04 min

Lab File: VY003672.D

Acq: 07 Dec 2020 14:57

Tgt Ion: 43 Resp: 5203

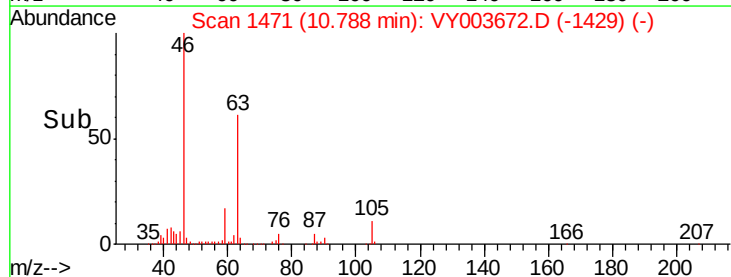
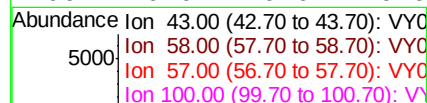
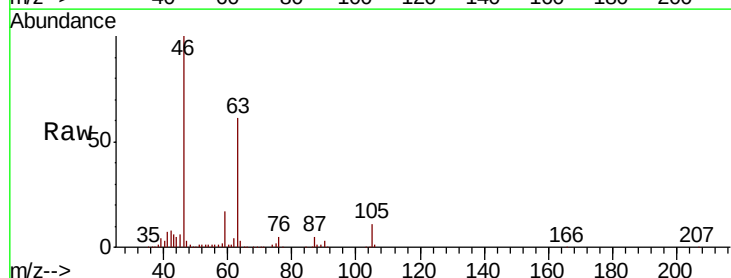
Ion Ratio Lower Upper

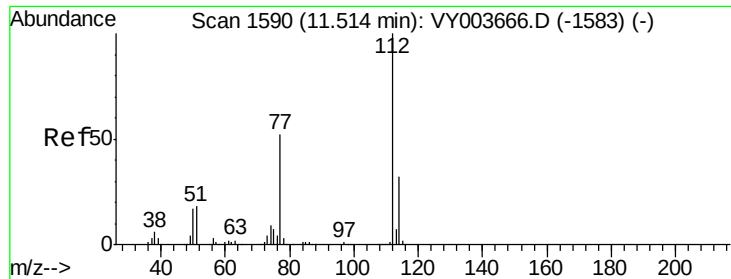
43 100

58 23.2 44.3 66.5#

57 25.5 12.6 19.0#

100 0.0 10.6 16.0#





#51

Chlorobenzene

Concen: 11.622 ug/L

RT: 11.52 min Scan# 1591

Delta R.T. 0.01 min

Lab File: VY003672.D

Acq: 07 Dec 2020 14:57

Instrument :

MSVOA_Y

ClientSampleId :

VBLK429

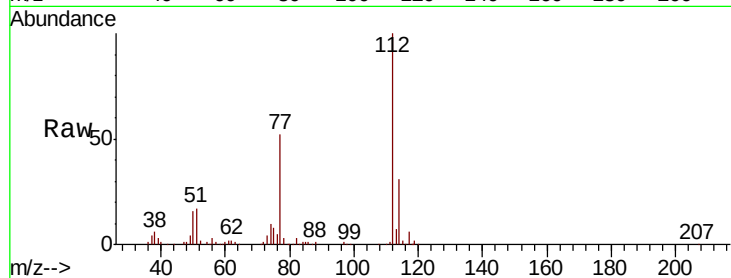
Tot Ion:112 Resp: 109418

Ion Ratio Lower Upper

112 100

114 30.6 22.0 40.8

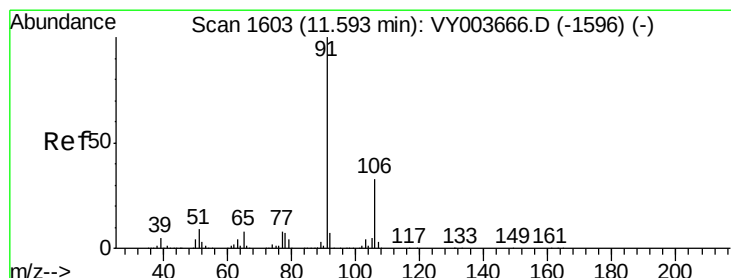
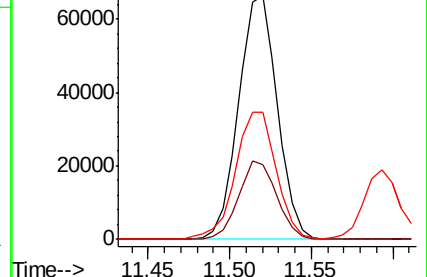
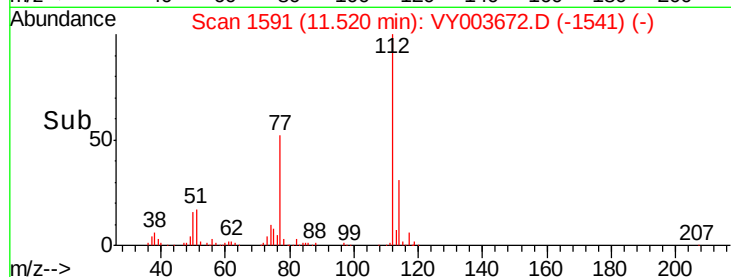
77 52.0 38.4 57.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): V



#52

Ethylbenzene

Concen: 22.689 ug/L

RT: 11.59 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VY003672.D

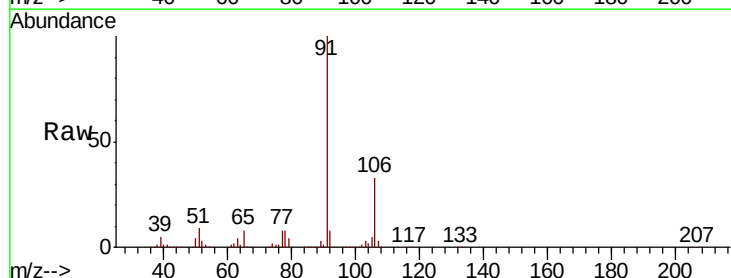
Acq: 07 Dec 2020 14:57

Tgt Ion: 91 Resp: 348660

Ion Ratio Lower Upper

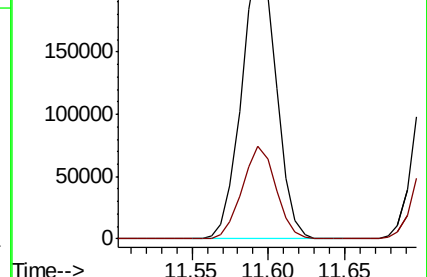
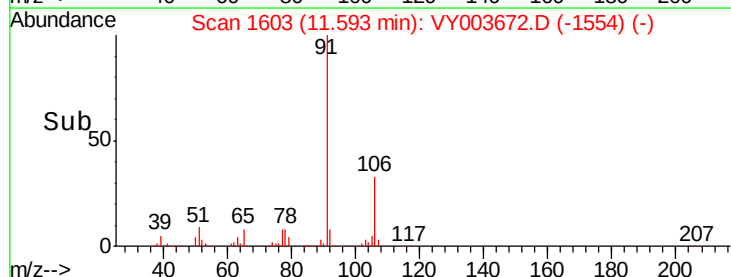
91 100

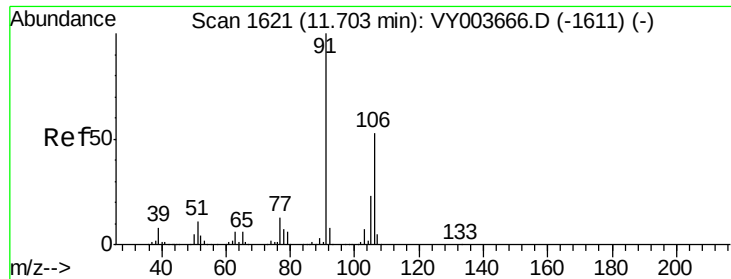
106 32.7 23.7 43.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

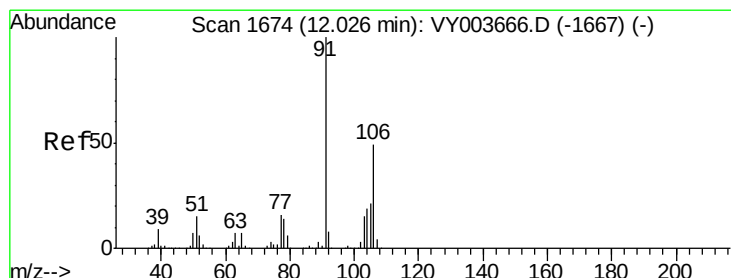
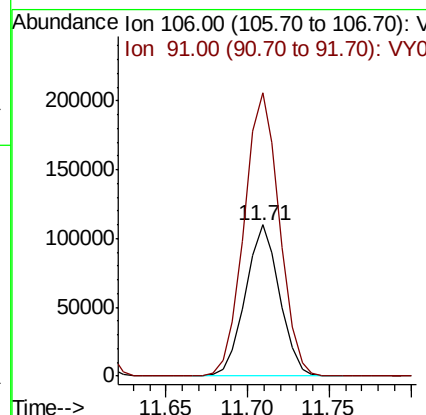
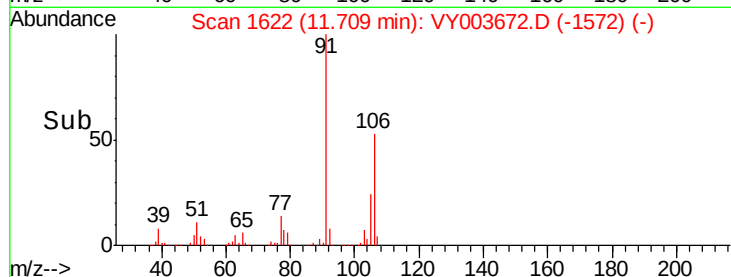
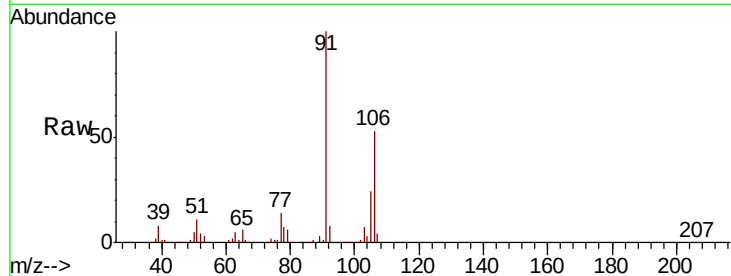




#53
m,p-Xylene
Concen: 26.731 ug/L
RT: 11.71 min Scan# 1622
Delta R.T. 0.01 min
Lab File: VY003672.D
Acq: 07 Dec 2020 14:57

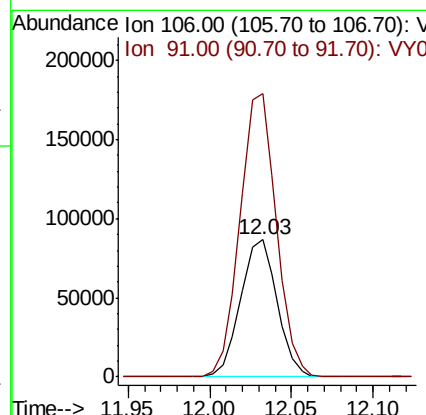
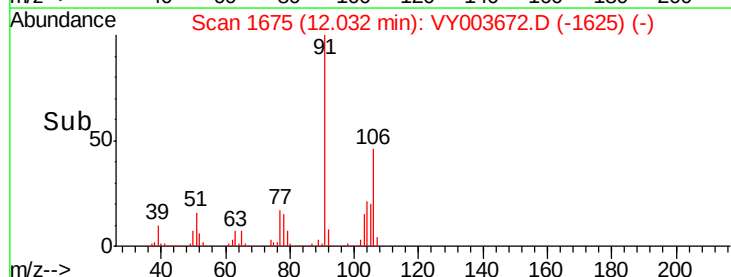
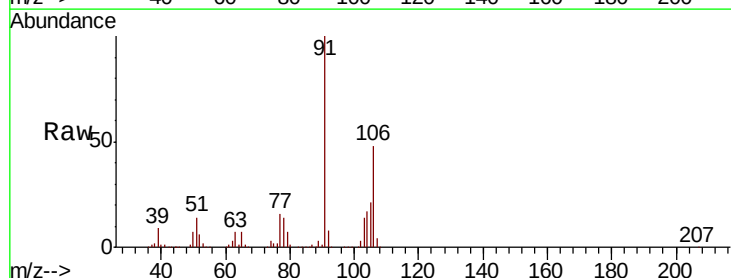
Instrument :
MSVOA_Y
ClientSampled :
VBLK429

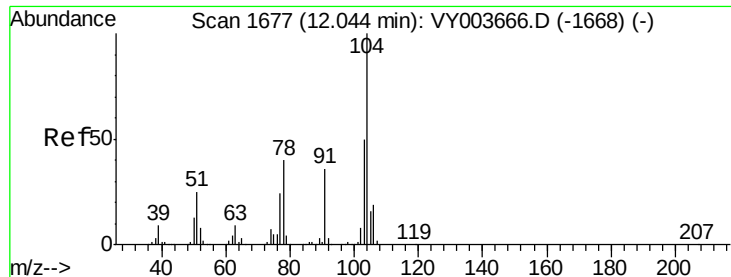
Tot Ion:106 Resp: 160631
Ion Ratio Lower Upper
106 100
91 187.5 132.7 246.5



#54
o-Xylene
Concen: 23.625 ug/L
RT: 12.03 min Scan# 1675
Delta R.T. 0.01 min
Lab File: VY003672.D
Acq: 07 Dec 2020 14:57

Tgt Ion:106 Resp: 135671
Ion Ratio Lower Upper
106 100
91 206.7 141.7 263.1





#55

Stvrene

Concen: 10.247 ug/L

RT: 12.04 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VY003672.D

Acq: 07 Dec 2020 14:57

Instrument :

MSVOA_Y

ClientSampled :

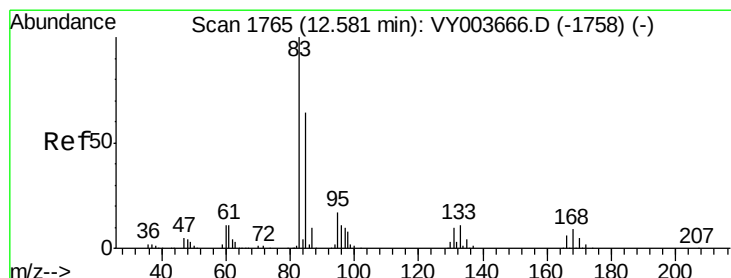
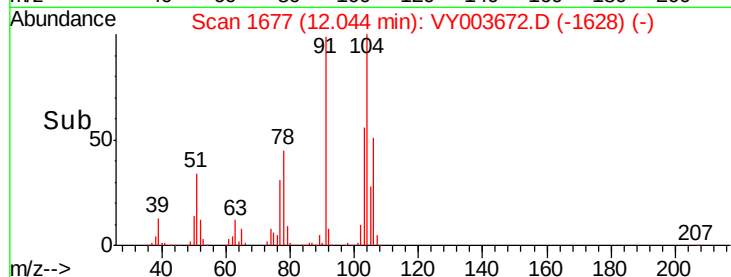
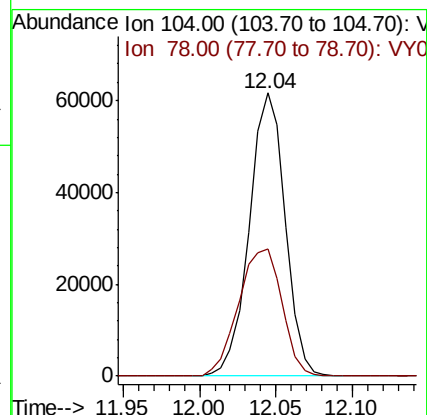
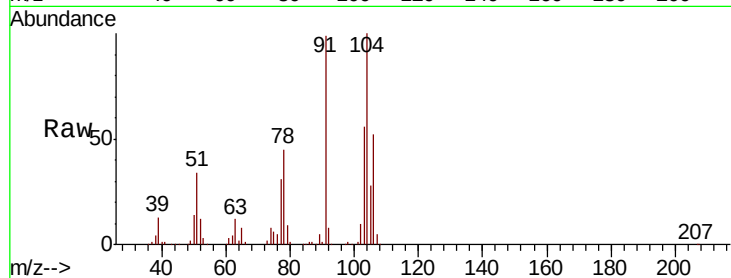
VBLK429

Tot Ion:104 Resp: 100503

Ion Ratio Lower Upper

104 100

78 45.1 28.1 52.1



#57

1,1,2,2-Tetrachloroethane

Concen: 12.336 ug/L

RT: 12.58 min Scan# 1765

Delta R.T. -0.00 min

Lab File: VY003672.D

Acq: 07 Dec 2020 14:57

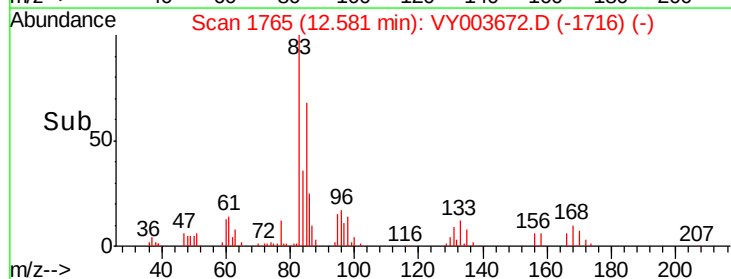
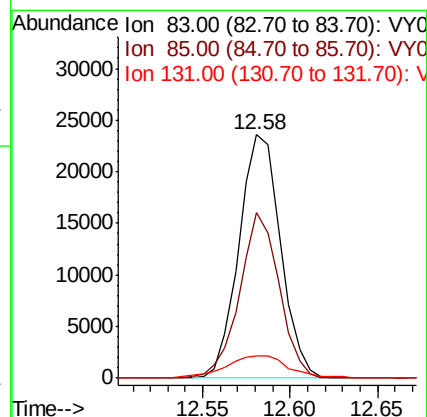
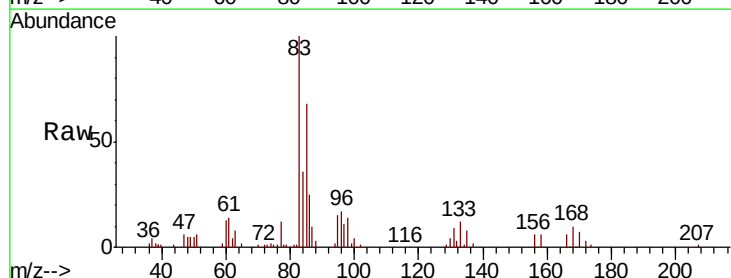
Tgt Ion: 83 Resp: 39043

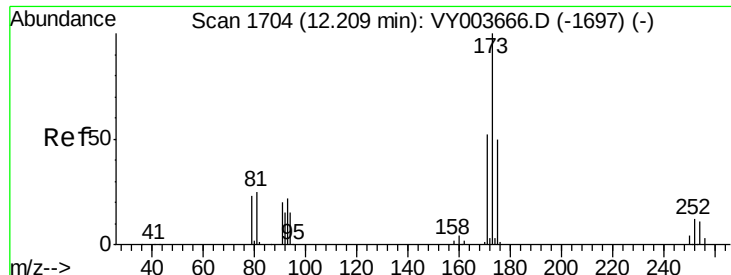
Ion Ratio Lower Upper

83 100

85 68.0 46.4 86.2

131 9.2 8.0 12.0





#59

Bromoform

Concen: 12.223 ug/L

RT: 12.21 min Scan# 1704

Delta R.T. -0.00 min

Lab File: VY003672.D

Acq: 07 Dec 2020 14:57

Instrument :

MSVOA_Y

ClientSampleId :

VBLK429

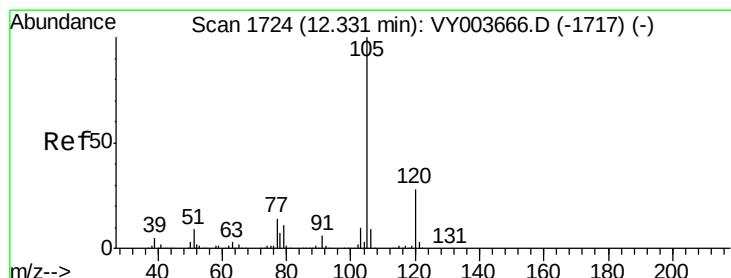
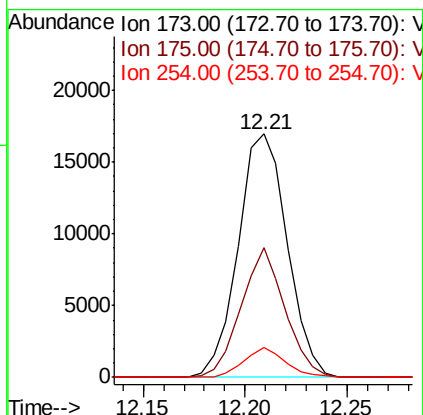
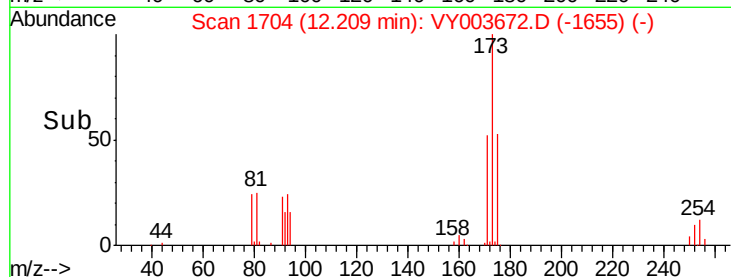
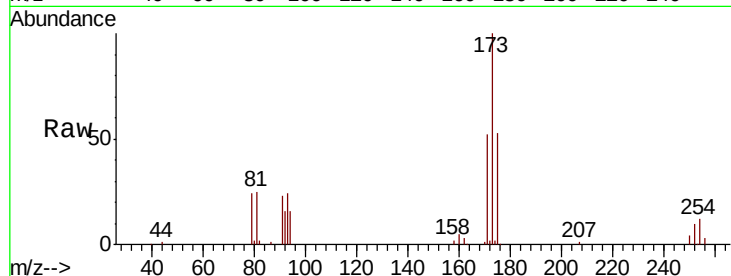
Tot Ion:173 Resp: 28333

Ion Ratio Lower Upper

173 100

175 47.5 41.2 61.8

254 10.6 3.2 4.8#



#60

Isopropylbenzene

Concen: 19.675 ug/L

RT: 12.33 min Scan# 1724

Delta R.T. -0.00 min

Lab File: VY003672.D

Acq: 07 Dec 2020 14:57

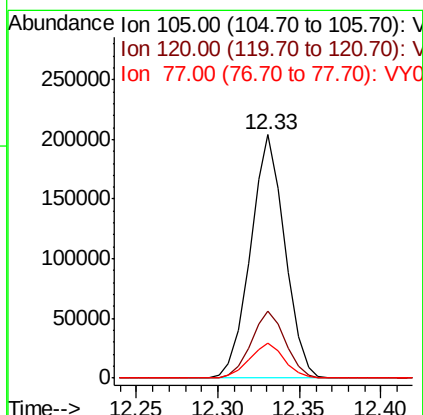
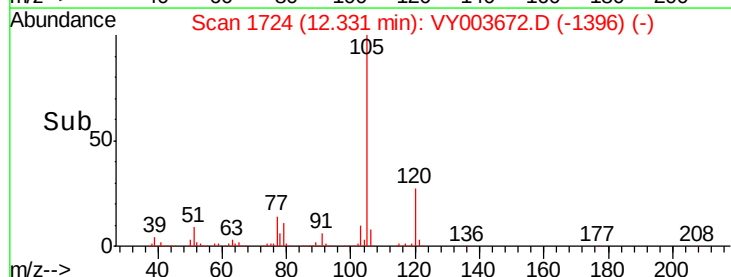
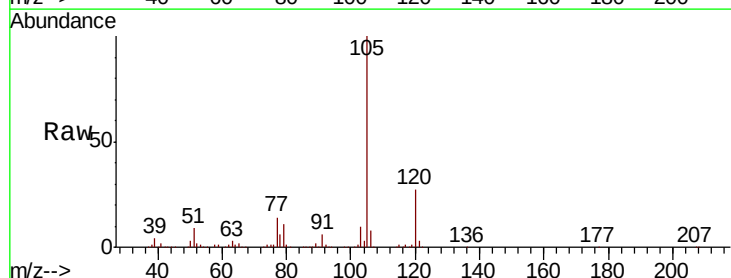
Tgt Ion:105 Resp: 297625

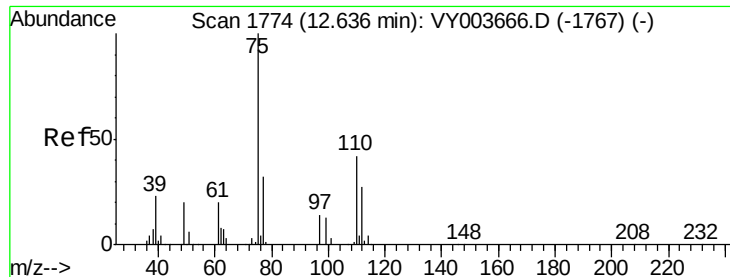
Ion Ratio Lower Upper

105 100

120 27.4 22.6 33.8

77 14.6 11.9 17.9

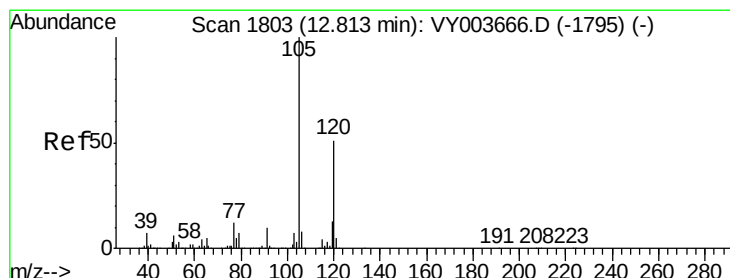
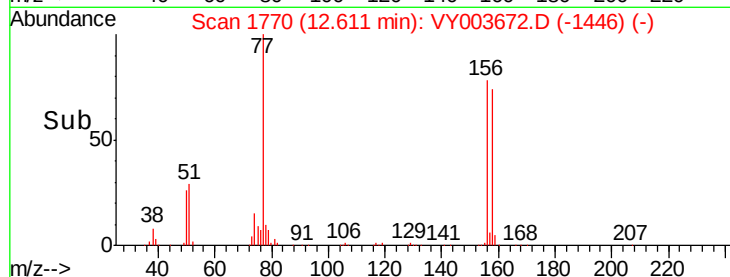
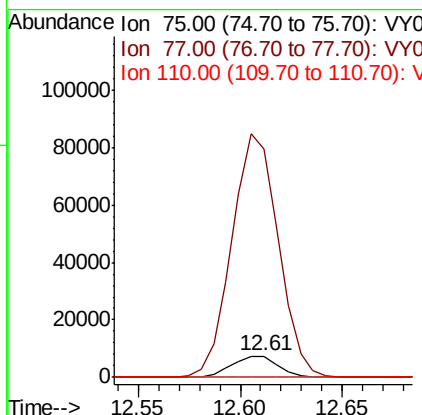
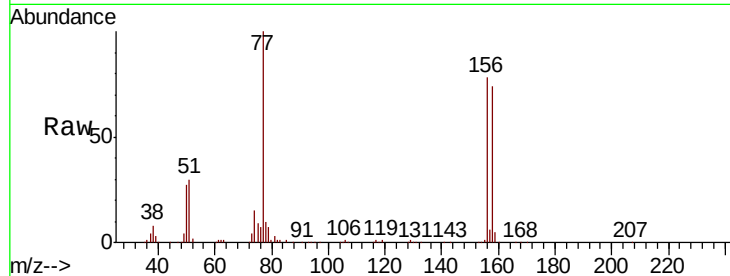




#61
 1,2,3-Trichloropropane
 Concen: 4.284 ug/L
 RT: 12.61 min Scan# 1770
 Delta R.T. -0.02 min
 Lab File: VY003672.D
 Acq: 07 Dec 2020 14:57

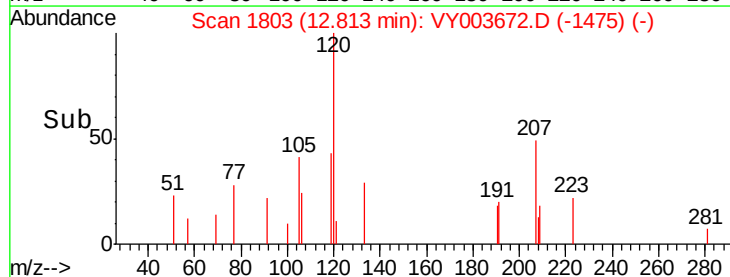
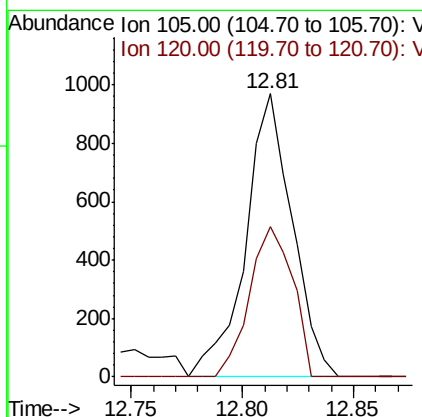
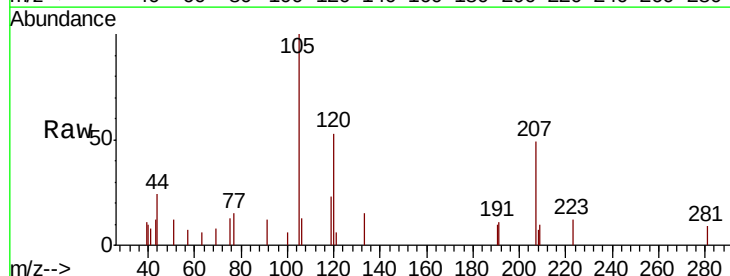
Instrument :
 MSVOA_Y
 ClientSampled :
 VBLK429

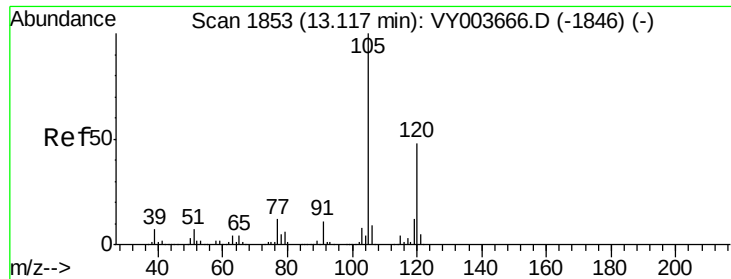
Tot Ion: 75 Resp: 11887
 Ion Ratio Lower Upper
 75 100
 77 1129.7 29.0 43.6#
 110 0.0 33.3 49.9#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.118 ug/L
 RT: 12.81 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VY003672.D
 Acq: 07 Dec 2020 14:57

Tgt Ion: 105 Resp: 1417
 Ion Ratio Lower Upper
 105 100
 120 48.8 42.2 63.2

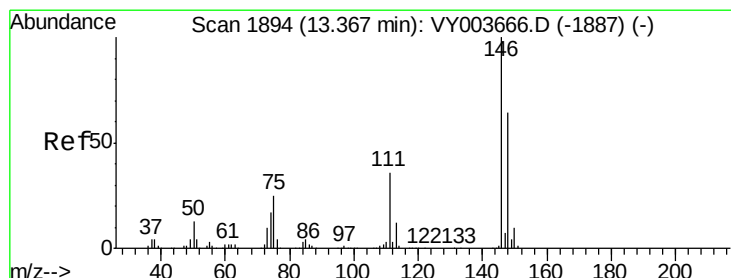
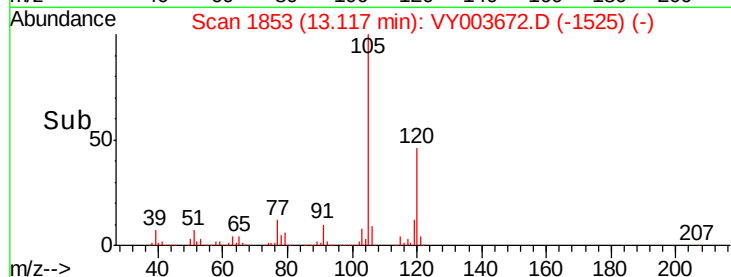
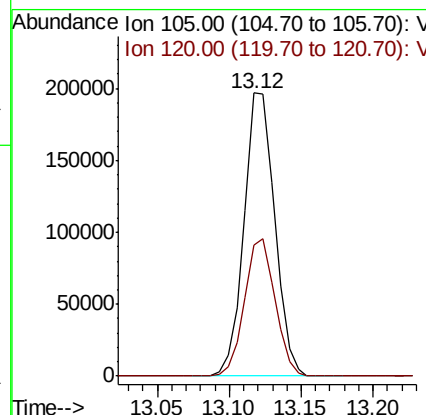
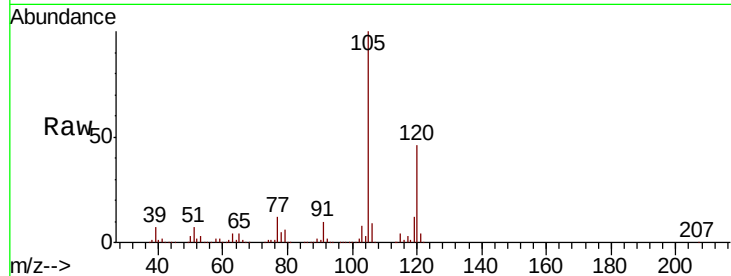




#63
 1,2,4-Trimethylbenzene
 Concen: 24.454 ug/L
 RT: 13.12 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: VY003672.D
 Acq: 07 Dec 2020 14:57

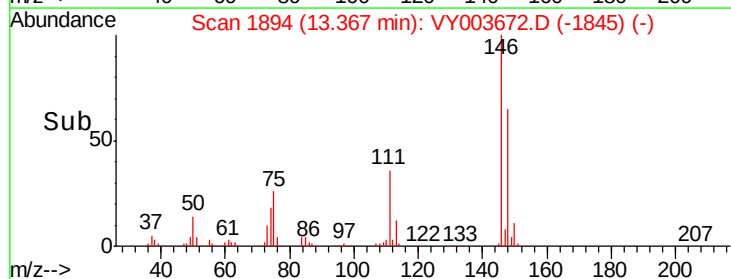
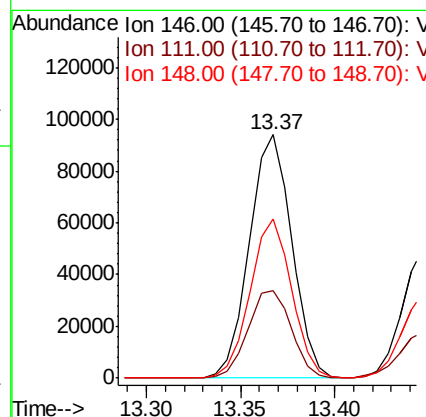
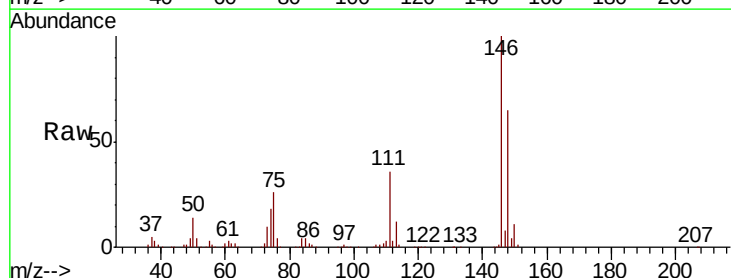
Instrument :
 MSVOA_Y
 ClientSampled :
 VBLK429

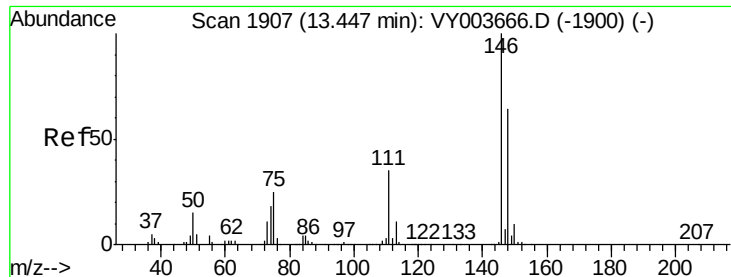
Tot Ion:105 Resp: 291382
 Ion Ratio Lower Upper
 105 100
 120 48.0 39.0 58.6



#64
 1,3-Dichlorobenzene
 Concen: 20.028 ug/L
 RT: 13.37 min Scan# 1894
 Delta R.T. -0.00 min
 Lab File: VY003672.D
 Acq: 07 Dec 2020 14:57

Tgt Ion:146 Resp: 146849
 Ion Ratio Lower Upper
 146 100
 111 36.0 25.3 47.1
 148 65.2 41.4 76.8

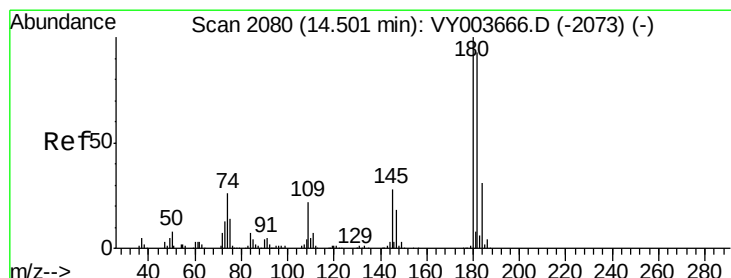
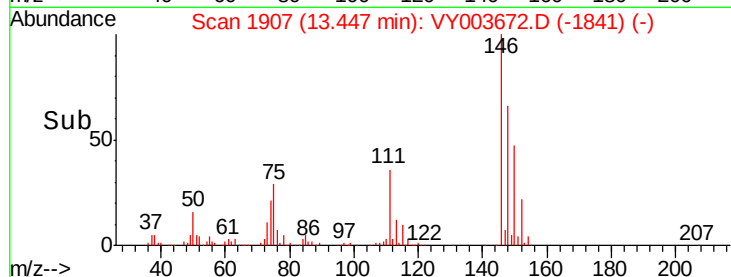
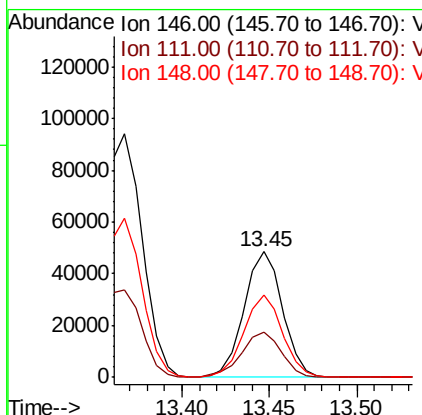
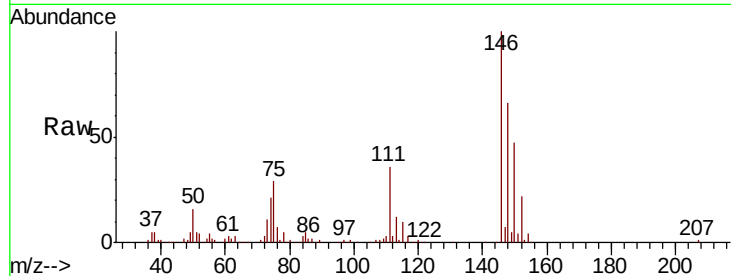




#65
 1,4-Dichlorobenzene
 Concen: 10.021 ug/L
 RT: 13.45 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003672.D
 Acq: 07 Dec 2020 14:57

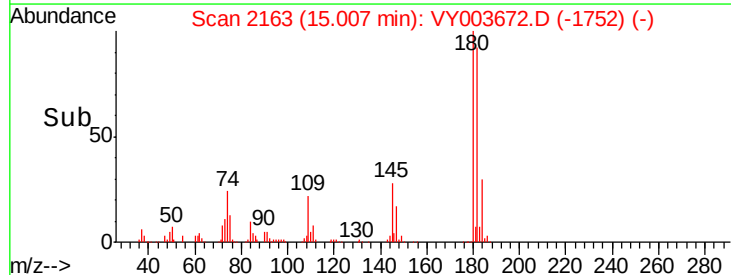
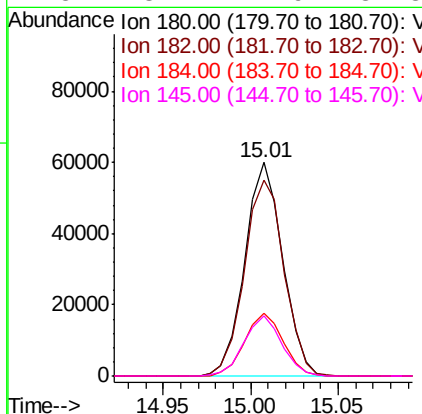
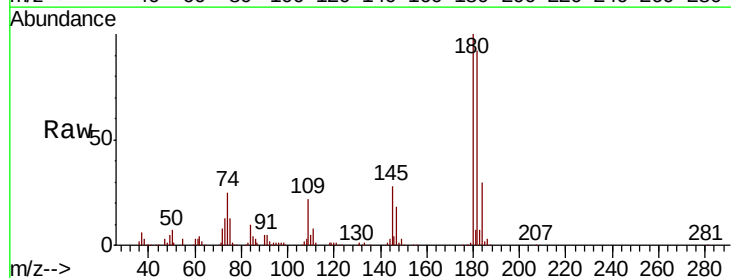
Instrument :
 MSVOA_Y
 ClientSampleId :
 VBLK429

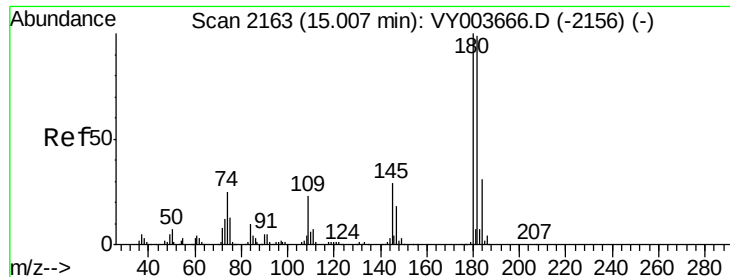
Tot Ion:146 Resp: 74405
 Ion Ratio Lower Upper
 146 100
 111 36.2 26.9 50.1
 148 66.0 44.9 83.3



#69
 1,3,5-Trichlorobenzene
 Concen: 17.387 ug/L
 RT: 15.01 min Scan# 2163
 Delta R.T. 0.51 min
 Lab File: VY003672.D
 Acq: 07 Dec 2020 14:57

Tgt Ion:180 Resp: 90358
 Ion Ratio Lower Upper
 180 100
 182 95.8 80.1 120.1
 184 29.9 24.4 36.6
 145 28.1 22.9 34.3

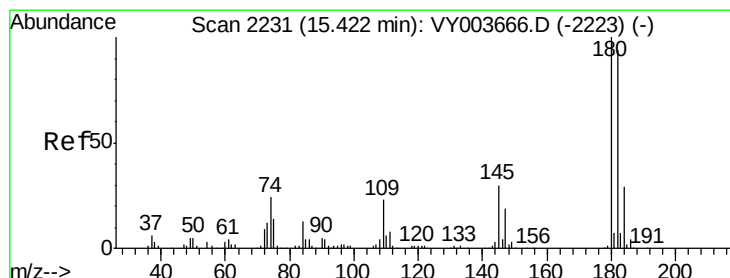
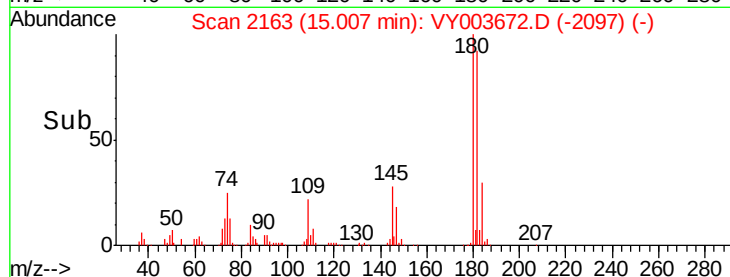
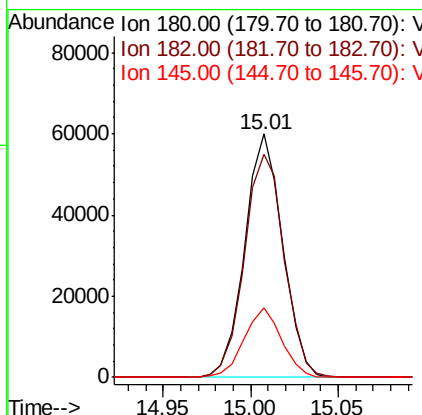
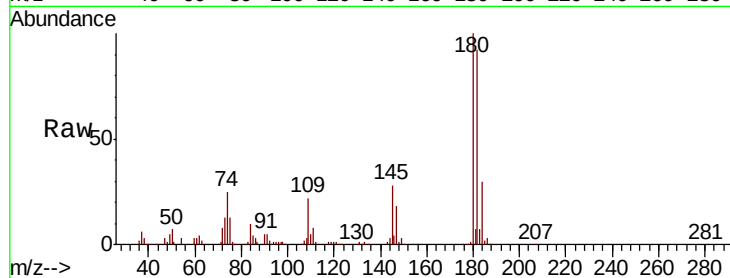




#70
 1,2,4-trichlorobenzene
 Concen: 20.454 ug/L
 RT: 15.01 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: VY003672.D
 Acq: 07 Dec 2020 14:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VBLK429

Tot Ion	180	Resp	90358
Ion Ratio	Lower	Upper	
180	100		
182	95.8	81.5	122.3
145	28.1	22.3	33.5



#72
 1,2,3-Trichlorobenzene
 Concen: 30.282 ug/L
 RT: 15.43 min Scan# 2232
 Delta R.T. 0.01 min
 Lab File: VY003672.D
 Acq: 07 Dec 2020 14:57

Tgt Ion	180	Resp	122682
Ion Ratio	Lower	Upper	
180	100		
182	96.3	78.7	118.1
145	30.2	24.6	37.0

